

# SANTA MONICA COLLEGE



2017/2018 CATALOG

# 2017-2018 ACADEMIC CALENDAR

Dates listed below are for full-length courses. For up-to-date information, enrollment dates and other deadlines for short-term courses, dates for final exams, and specific deadline dates for adding and dropping classes, applying for a Pass/No Pass grading option, and filing Graduation petitions, please see your class schedule information at the "Corsair Connect" link at [smc.edu](http://smc.edu) or consult the Schedule of Classes.

## Fall Semester 2017

|   |  |
|---|--|
| Enrollment begins (Continuing Students)   | Early May 2017                               |
| Enrollment begins (New Students)  | Mid May 2017                                 |
| Last day to enroll by Web (online, hybrid, & Arranged Hours classes)                          | Sun, Aug 27, 2017                            |
| Last day to enroll by Web<br>(on-campus classes meeting once per week and courses with a lab) | Midnight before 1st class meeting            |
| Last day to enroll by Web (on-campus classes)   | Midnight before 2nd class meeting            |
| <b>Fall Semester begins</b>   | <b>Mon, Aug 28, 2017</b>                     |
| <i>Labor Day (campus closed)</i>  | <i>Mon, Sep 4, 2017</i>                      |
| <i>Veterans Day (observed; campus closed)</i>   | <i>Fri, Nov 10, 2017</i>                     |
| <i>Thanksgiving Holiday (campus closed)</i>   | <i>Thu &amp; Fri, Nov 23 &amp; 24, 2017</i>  |
| Fall Final Exams  | Tue, Dec 12 – Tue, Dec 19, 2017              |
| <b>Fall Semester ends</b>   | <b>Tue, Dec 19, 2017</b>                     |
| <i>Winter Break (campus closed)</i>   | <i>Fri, Dec 22, 2017 – Fri, Dec 29, 2017</i> |
| <i>New Year's Day Holiday (campus closed)</i>   | <i>Monday, Jan 1, 2018</i>                   |

## Winter Session 2018

|   |                                   |
|---|-----------------------------------|
| Enrollment begins (Continuing Students)   | Early Nov 2017                    |
| Enrollment begins (New Students)  | Mid Nov 2017                      |
| Campus open (classes not in session)  | Wed & Thu, Dec 20 & 21, 2017      |
| Last day to enroll by Web (online, hybrid, & Arranged Hours classes)                          | Mon, Jan 1, 2018                  |
| Last day to enroll by Web<br>(on-campus classes meeting once per week and courses with a lab) | Midnight before 1st class meeting |
| Last day to enroll by Web (on-campus classes)   | Midnight before 2nd class meeting |
| <b>Winter Session begins</b>  | <b>Tue, Jan 2, 2018</b>           |
| <i>Martin Luther King Jr. Holiday (campus closed)</i>   | <i>Mon, Jan 15, 2018</i>          |
| <b>Winter Session ends (6-week classes)</b>   | <b>Thu, Feb 8, 2018</b>           |

## Spring Semester 2018

|   |                                       |
|---|---------------------------------------|
| Enrollment begins (Continuing Students)   | Early Nov 2017                        |
| Enrollment begins (New Students)  | Mid Nov 2017                          |
| <i>Lincoln's Birthday (observed; campus closed)</i>   | <i>Fri, Feb 9, 2018</i>               |
| Last day to enroll by Web (online, hybrid, & Arranged Hours classes)                          | Sun, Feb 11, 2018                     |
| <b>Spring Semester begins</b>   | <b>Mon, Feb 12, 2018</b>              |
| Last day to enroll by Web<br>(on-campus classes meeting once per week and courses with a lab) | Midnight before 1st class meeting     |
| Last day to enroll by Web (on-campus classes)   | Midnight before 2nd class meeting     |
| <i>Presidents' Day (observed; campus closed)</i>  | <i>Mon, Feb 19, 2018</i>              |
| <i>Departmental Flex Day (no classes)</i>   | <i>Fri, Mar 2, 2018</i>               |
| <i>Institutional Flex Day (no classes)</i>  | <i>Tue, Mar 13, 2018</i>              |
| <i>Spring Break (no classes; campus open except Apr 9)</i>                                    | <i>Mon, Apr 9 – Sun, Apr 15, 2018</i> |
| <i>Memorial Day (campus closed)</i>   | <i>Mon, May 28, 2018</i>              |
| Spring Final Exams  | Tue, Jun 5 – Tue, Jun 12, 2018        |
| <b>Spring Semester ends</b>   | <b>Tue, Jun 12, 2018</b>              |
| Graduation Day  | Tue, Jun 12, 2018                     |

## Summer Session 2018 (Subject to change)

|   |                                   |
|---|-----------------------------------|
| Enrollment begins (Continuing Students)   | Mid Apr 2018                      |
| Enrollment begins (New Students)  | Late Apr 2018                     |
| Last day to enroll by Web (online, hybrid, & Arranged Hours classes)                          | Sun, Jun 17, 2018                 |
| Last day to enroll by Web<br>(on-campus classes meeting once per week and courses with a lab) | Midnight before 1st class meeting |
| Last day to enroll by Web (on-campus classes)   | Midnight before 2nd class meeting |
| <b>Summer Session begins</b>  | <b>Mon, Jun 18, 2018</b>          |
| <i>Independence Day (observed; campus closed)</i>   | <i>Wed, Jul 4, 2018</i>           |
| <b>Summer Session ends (6-week classes)</b>   | <b>Fri, Jul 27, 2018</b>          |
| <b>Summer Session ends (8-week classes)</b>   | <b>Fri, Aug 10, 2018</b>          |

Please Note: Many classes have different deadline dates for withdrawal refunds, avoiding or guaranteeing a W, etc. For specific details, go to [smc.edu/cc](http://smc.edu/cc) and check your Corsair Connect account, which shows the specific drop dates for each of your enrolled classes. Please note that all enrollment, tuition, and other fees are subject to change without notice.

# Welcome



**A** Santa Monica College, we are committed to helping you reach your full potential. We work hard to create a learning environment that is both challenging and rewarding, where you can pursue your personal and intellectual ideals. We are proud of our diversity, our distinguished professors and staff who are here because they believe that you have the power to transform the future, and our distinctive academic programs that exist to serve as a ladder to get you to your life's goals.

Welcome to Santa Monica College and the world of new possibilities.

Kathryn E. Jeffery  
*Superintendent/President*

## How to Use this Catalog to...

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- ...**GET INFORMATION:** See the catalog's **INDEX** to find what you're looking for quickly, the **ACADEMIC CALENDAR** on the catalog's inside front cover for important dates and deadlines, and the **MAPS** in the back of this catalog to learn more about SMC's main and satellite campuses and where things are located on them.
- ...find out about requirements for **SANTA MONICA COLLEGE DEGREES:** Turn to page 31.
- ...develop a path for **TRANSFER TO EARN YOUR BACHELOR'S DEGREE** at a four-year college or a university, like a campus of the University of California or California State University: See pages 32-49, where you will learn about the requirements for the Intersegmental General Education Transfer Curriculum (IGETC) and other programs that can help you choose the classes that fulfill your transfer requirements.
- ...learn about the requirements for our many **DEGREES, CERTIFICATES, AND TRANSFER PREPARATION:** See the Academic Programs section, starting on page 55.
- ...figure out **HOW TO PAY FOR COLLEGE:** See the Financial Aid information on page 316.
- ...discover the wide array of **SPECIAL PROGRAMS AND SUPPORT SERVICES** that SMC offers students, on pages 309-325.
- ...find out **WHO'S WHO IN THE SMC COMMUNITY:** See pages 350-378 for information about our administrators, staff, department chairs, program leaders, and the instructors who will be teaching your classes.
- ...learn the details about **HOW THINGS WORK** here at SMC: Read the College's policies, rules, and regulations, which start on page 326.

### COLLEGE DISCLAIMER NOTICE

The Santa Monica Community College District has made every reasonable effort to ensure the accuracy of this catalog at the time it was published. All catalog information is subject to change without notice. The District reserves the right to make changes to courses, programs, requirements, and other matters in response to student enrollment, level of financial support, or any other reason at the discretion of the Santa Monica Community College District administration. The District further reserves the right to add, amend, or repeal any of its rules, regulations, policies, and procedures, consistent with applicable laws.

*Printed SMC materials are available in alternate media upon request. To request publications in alternate formats for disability accommodation, please send e-mail to [DSCcontact@smc.edu](mailto:DSCcontact@smc.edu) or call (310) 434-4265. The information contained in this catalog is also available online (please see [smc.edu/catalog](http://smc.edu/catalog)).*



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## Please Note

### ACCREDITATION

Santa Monica College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, 10 Commercial Blvd., Suite 204, Novato, CA 94949, telephone: (415) 506-0234. This institutional accrediting body is recognized by the Council for Higher Education Accreditation and the US Department of Education.

### STATEMENT OF EQUAL OPPORTUNITY (OPEN ENROLLMENT)

Santa Monica College is committed to equal opportunity in all of its academic programs and is in compliance with equal opportunity standards as required by Federal and State laws and District policy. Unless specifically exempted by statute or regulation, all Santa Monica College courses are open to enrollment and participation by any person who has been admitted to Santa Monica College and meets the course prerequisites.

### STATEMENT OF NONDISCRIMINATION

The Santa Monica Community College District is committed to building an inclusive and diverse environment and maintains a comprehensive program to ensure that practice reflects these principles. Diversity within the college environment provides opportunity to foster mutual awareness, knowledge, and sensitivity, to challenge ingrained stereotypes, and to promote mutual understanding and respect. The District's equal employment opportunity and nondiscrimination policies are set forth in Board Policies 2405, 2410, 3120-3123, 5220, 5230, and 5530. As set forth in these Board Policies, the District is committed to equal employment opportunity and nondiscrimination in the learning and work environments in accordance with all applicable laws, including, without limitation, California Code of Regulations, Title 5, § 59300 et seq., California Government Code §§ 11135-11139.5, the Sex Equity in Education Act (California Education Code § 66250 et seq.), Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d), Title IX of the Education Amendments of 1972 (20 U.S.C. § 1681), Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794), the Americans with Disabilities Act of 1990 (42 U.S.C. § 12100 et seq.), and the Age Discrimination Act (42 U.S.C. § 6101).

It is important for students, employees, and others associated with the College to report concerns about possible violations of the District's policies regarding equal employment opportunity and nondiscrimination. If you need information about the District's policies or need to report a violation of the laws listed above, you should contact:

- SMC Human Resources Office, (310) 434-4415 or [hrcomplaints@smc.edu](mailto:hrcomplaints@smc.edu) (located on the second floor of the SMC Administration Building, 2714 Pico Blvd), regarding any complaint of unlawful discrimination, including sexual harassment and sexual discrimination; or
- Steve Hunt, ADA/504 Compliance Officer, (310) 434-4689 or [hunt\\_steve@smc.edu](mailto:hunt_steve@smc.edu) (office located

in Room 265 of the SMC Library), regarding disability discrimination complaints.

### Declaración de no discriminación

El Distrito de Santa Monica Community College tiene el compromiso de crear un ambiente inclusivo y diverso y de mantener un programa comprensivo para asegurarse de que la practica refleja estos principios. La diversidad entre el ambiente colegial provee oportunidad para fomentar el conocimiento, la erudición, y la sensibilidad mutua, luchar contra los estereotipos arraigados, y promover la comprensión y respeto mutua. Las reglas del Distrito sobre igualdad de oportunidades del empleo y de nondiscriminación se disponen en las polisas 2405, 2410, 3120-3123, 5220, 5230 y 5530. El Distrito está comprometido a la igualdad de oportunidades y nondiscriminación en los ambientes de la educación y del trabajo en acuerdo con las leyes, incluyendo, sin la limitación, el Código de las Regulaciones de California Título 5, § 59300 y ss.; el Código de Gobierno de California §§ 11135-11139.5; la Ley sobre Equidad de Sexo en la Educación (Código de Educación de California § 66250 y ss.); el Título VI de la Ley de 1964 sobre Derechos Civiles (42 U.S.C. § 2000d); el Título IX de las Enmiendas de Educación de 1972 (20 U.S.C. § 1681), Artículo 504 de la Ley de 1973 sobre Rehabilitación (29 U.S.C. § 794); la Ley de 1990 sobre Americanos con Incapacidades (42 U.S.C. § 12100 y ss.); y la Ley sobre Discriminación por Edad (42 U.S.C. § 6101).

Es importante que los estudiantes, el personal y las demás personas relacionadas con el SMC reportan las inquietudes sobre posibles violaciones de las polisas relacionadas a la igualdad de oportunidades del empleo y de nondiscriminación. Si Ud. necesita información sobre las polisas del Distrito o tiene que reportar una violación de cualquier de estas leyes, debe ponerse en contacto con:

- La oficina de SMC Human Resources (310) 434-4415 o [hrcomplaints@smc.edu](mailto:hrcomplaints@smc.edu) (oficina ubicada en el segundo piso del Edificio Administrativo del SMC en 2714 Pico Blvd.) sobre cualquier reporte de discriminación, incluyendo el acoso sexual o discriminación sexual; o con
- Steve Hunt, ADA/504 Oficial de Conformidad (310) 434-4689 o [hunt\\_steve@smc.edu](mailto:hunt_steve@smc.edu) (oficina ubicada en la Sala 265 en la biblioteca de SMC) sobre reportes de discriminación por discapacidad.

### 비차별 선언서

Santa Monica College는 포괄적이며 다양한 환경 조성에 헌신하고 있으며 이런 원칙의 실현을 보장하기 위해 통«적인 프로그램을 유지하고 있습니다. 대학 환경 내에서의 다양성은 상호인식, 지식, 그리고 감성을 육성하기 위해 깊이 배어든 고정관념에 도전하고, 상호 이해와 존중을 증진하는 기회를 제공«니다. 당 교육구의 평등 고용 기회 및 비차별 정책 조항들은 교육위원회 정책 제 2405, 2410, 3120-3123, 5220, 5230 및 5530조항에 명시되어 있습니다. 교육위원회 정책에 명시된 바와 같이, 당 교육구는 다음을 포«하고, 이에 국한되지 않는 모든 준거법에 따라 배움과 근무하는 환경에서 평등한 고용 기회와 차별이 없도록 하는데 헌신하고 있습니다. 캘리포니아주 법률집 표제5, 제59300 및 이하 참조, 캘리포니아주 정부법 제11135 - 11139.5, 남녀평등 교육법(캘리포니아 교육법 제66250 및 이하 참조), 1964년 민권법 표제VI(42 U.S.C. § 2000d), 1972년 교육개정법 표제IX(20

U.S.C. § 1681), 1973년 재활법 제504조(29 U.S.C. § 794), 1990년 미국 장애인 보호법(42 U.S.C. § 12100 및 이하 참조) 및 연령차별금지법(42 U.S.C. § 6101).

학생, 직원 및 그 외 대학과 관련있는 사람들이 평등한 고용 기회와 비차별에 대한 당 교육구의 정책위반의 가능성에 대한 우려를 신고하는 것은 중요»입니다. 당 교육구의 정책에 대한 정보를 원하거나 위에 나열된 법률 위반을 신고해야 하는 경우에는 아래 담당 자들에» 연락해야 »입니다.

- 성추행 및 성차별을 포»\`한 /`법 차별 행위에 대한 모든 항의/ 신고 - 샌디 정 SMC Human Resources Office, (310) 434-4415 hrcomplaints@smc.edu (SMC 행정관 2층에 위치, 2714 Pico Blvd), 또는
- 장애 차별에 대한 모든 항의/`만 신고 - 스티브 헌트 (Steve Hunt), ADA/504 Compliance Officer, (310) 434-4689 또는 hunt\_steve@smc.edu (SMC 도서관 2층 265호에 사무실 위치)

## STATEMENT OF ACADEMIC FREEDOM

Santa Monica College's Board of Trustees adopted the following on December 4, 2001, as Board Policy 5210:

Academic freedom is essential not only to examine controversial issues in an objective manner in the classroom, but also to ensure access to information sources required for study of such issues. The intellectual search for transmission of knowledge should go forward in an atmosphere free from fear of reprisal, while providing opportunities for critical thinking and understanding of conflicting viewpoints. In order that special interests or conflicting public opinion not impede the educational process, instructors and students must be free to investigate, to form conclusions, and to express judgments and opinions. Academic freedom also includes the right to constructively criticize College policies without fear of retribution.

Academic freedom carries with it several responsibilities. Faculty members must strive for factual accuracy and show restraint in dealing with topics outside their area of expertise. While showing respect for the opinions of others, the instructor should, after impartial examination of the evidence, present the conclusions to which the evidence points. Selective omission of available data would not be in keeping with academic responsibility. Promotion of a partisan point of view to a captive audience would be equally unsuitable.

Members of the faculty, administration, College staff, and student body should feel free to speak in public forums or write "Letters to the Editor" and write publicly without institutional censorship, as long as they indicate they are not acting as institutional spokespersons. The College has a responsibility to society to defend and maintain academic freedom to insure that education goals can be achieved and that all fields of knowledge can be studied, discussed, and interpreted in an objective and scholarly manner.

## Declaración de Libertad Académica

El Consejo Directivo del Santa Monica College aprobó lo siguiente el 4 de diciembre de 2001 como la Política del Consejo 5210:

La libertad académica es esencial no sólo para examinar temas controvertidos de manera objetiva en el salón de clases, sino también para garantizar el acceso a las fuentes de información que se requieran para estudiar dichas

cuestiones. La búsqueda intelectual de la transmisión de conocimientos debe avanzar en un entorno libre de temor a represalias, al mismo tiempo que ofrezca oportunidades para el pensamiento crítico y la comprensión de puntos de vista conflictivos. A fin de que intereses especiales o la opinión pública en conflicto no obstaculicen el proceso educativo, maestros y estudiantes deben ser libres para investigar, sacar conclusiones y expresar juicios y opiniones. La libertad académica también incluye el derecho a criticar de manera constructiva las políticas universitarias sin temor a represalias.

La libertad académica conlleva varias responsabilidades. El cuerpo docente deberá esforzarse por lograr la certeza de hecho y mostrar compostura al tratar temas fuera de su campo de conocimientos. Al mostrar respeto por las opiniones de los demás, después de examinar imparcialmente las evidencias, el instructor deberá presentar las conclusiones a las que apunten las evidencias. La omisión selectiva de información disponible no estará en concordancia con la responsabilidad académica. La promoción de un punto de vista partidista para un público cautivo será igualmente inapropiada.

El cuerpo docente, la administración, el personal de la universidad y el alumnado deberán sentirse en libertad para expresarse en foros públicos o de escribir "Cartas al editor" y escribir públicamente sin ninguna censura de la institución, siempre y cuando indiquen que no actúan como portavoces de ésta. El SMC tiene la responsabilidad con la sociedad de defender y mantener la libertad académica para garantizar que se puedan alcanzar las metas educativas y que se puedan estudiar, discutir e interpretar todos los campos del conocimiento de manera objetiva y académica.

## 학문의 자유 선언서

Santa Monica College의 이사회는 2001년 12월 4일, 이사회 정책 제5210조항으로 다음을 채택하였습니다.

학문의 자유는 논쟁의 여지가 있는 문제들을 교실 내에서 객관적으로 검토하는 데 »만 아니라, 그러한 문제들의 연구에 요구되는 정보원에 접근» 수 있는 권리를 보장하는 데에도 필수적인 것»입니다. 지식 전달을 위한 지적 탐구는 보복에 대한 두려움이 없이 진행돼야 하며 동시에 비판적 사고를 » 수 있는 기회와 대립된 관점도 이해 해주는 학업 분위기 안에서 이루어져야 됩니다. 특별한 관심사 또는 상반된 여론이 교육 과정을 방해하지 않도록 하려면, 강사들과 학생들에» 조사심사하고, 결론을 내리고, 그들의 판단과 의견을 펼칠 수 있는 자유가 주어져야 »입니다. 학문의 자유에는 응징에 대한 두려움 없이 대학 정책에 대해 건설적인 비판도 » 수 있는 권리도 포»돼야 됩니다.

학문의 자유에는 여러가지의 책»이 따릅니다. 교수진은 사실적 정확성을 추구해야 하며, 그들의 전문 분야 외의 주제를 다룰 때에는 절제된 모습을 보여야 »입니다. 타인의 의견을 존중하는 동시에 강사는 증거 자료를 중립적으로 검토한 후, 증거 자료들이 가리키는 결론을 제시해야 »입니다. 사용 가능한 데이터의 선택적 누락은 학문적 책»을 다한 것이 아니라고 » 수 있습니다. 선택의 여지가 없는 관중들에» 편파적인 견해를 펼치는 것 또한 적절하지 않습니다.

교수진, 행정 담당, 대학 직원 및 전 학생들은 당 대학 기관의 대변인으로서 행동하는 것이 아»을 밝히는 한, 기관의 검열없이 대중 포럼에서 자유»» 의견을 얘기하거나 '독자투고'(Letters to the Editor)'를 하고 대중»» 공개되는 글을 자유»» 쓸 수 있어야 »입니다. 당 대학은 학문의 자유를 수호»으로써 교육적 목

적을 달성하고 모든 지식 분야에 대한 연구, 토론, 해석이 객관적이고 학구적인 방식으로 이루어질 수 있도록 해야 “사회에 대한 책”이 있습니다.

### **ACADEMIC ADJUSTMENTS & INFORMATION TECHNOLOGY FOR STUDENTS WITH DISABILITIES**

*Printed SMC materials are available in alternate media upon request. To request publications in alternate formats for disability accommodation, please send e-mail to [DSCcontact@smc.edu](mailto:DSCcontact@smc.edu) or call (310) 434-4265.*

SMC complies with State and Federal law with regard to modifying academic policies and procedures and information technology as needed to ensure that they do not discriminate, or have the effect of discriminating on the basis of a disability, against qualified applicants or students with a disability. For details, contact the Center for Students with Disabilities, located in Room 101 of the Admissions/ Student Services Complex; phone (310) 434-4265; video phone (424) 238-1635.

The procedure for seeking an academic adjustment (such as testing accommodation, alternate text format, etc.) is:

1. Usually prior to or at the beginning of the semester, a student with a documented disability contacts the Center for Students with Disabilities and/or the relevant instructor or instructors (or requests staff at the Center for Students with Disabilities to initiate the contact) with a request for an academic or information technology adjustment;
2. The instructor or instructors discuss the request with the student and confer with the staff at the Center for Students with Disabilities to determine an appropriate adjustment; and
3. If the student, instructor(s), and staff at the Center for Students with Disabilities are unable to agree on an appropriate adjustment, the matter may be referred to Steve Hunt, ADA/504 Compliance Officer. You may send e-mail to [hunt\\_steve@smc.edu](mailto:hunt_steve@smc.edu) or call him at (310) 434-4689. His office is located in Room 265 of the SMC Library.



# General Information



# The Vision, Mission, & Goals

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## Santa Monica College: Changing Lives in the Global Community Through Excellence In Education

### VISION

Santa Monica College will be a leader and innovator in learning and achievement. As a community committed to open dialog and the free exchange of ideas, Santa Monica College will foster its core values: knowledge, intellectual inquiry, research-based planning and evaluation, academic integrity, ethical behavior, democratic processes, communication and collegiality, global awareness, and sustainability.

### MISSION

Santa Monica College provides a safe, inclusive, and dynamic learning environment that encourages personal and intellectual exploration—one that challenges and supports students in achieving their education goals. Students learn to contribute to the local and global community as they develop an understanding of their relationship to diverse social, cultural, political, economic, technological, and natural environments. The College recognizes that each individual makes a critical contribution to the achievement of this mission.

Santa Monica College's academic programs and support services are intended to serve diverse individuals from local, national, and global communities who are seeking high-quality, affordable undergraduate education. The College offers certificates, Associate degrees, a baccalaureate degree, and streamlined pathways for transfer to university and for career training. The College promotes commitment to lifelong learning among students and the communities it serves.

### GOALS

To fulfill this mission, Santa Monica College has identified the following Institutional Learning Outcomes and supporting goals.

#### INSTITUTIONAL LEARNING OUTCOMES

Santa Monica College students will:

- Acquire the self-confidence and self-discipline to pursue their intellectual curiosities with integrity in both their personal and professional lives;
- Obtain the knowledge and skills necessary to access, evaluate, and interpret ideas, images, and information critically in order to communicate effectively, reach conclusions, and solve problems;
- Respect the inter-relatedness of the global human environment, engage with diverse peoples, acknowledge the significance of their daily actions relative to broader issues and events;
- Assume responsibility for their own impact on the earth by living a sustainable and ethical life style; and

- Demonstrate a level of engagement in the subject matter that enables and motivates the integration of acquired knowledge and skills beyond the classroom.

#### SUPPORTING GOALS

##### Innovative and Responsive Academic Environment

- Continuously develop curricular programs, learning strategies, and services to meet the evolving needs of students and the community.

##### Supportive Learning Environment

- Provide access to comprehensive student learning resources such as library, tutoring, and technology;
- Provide access to comprehensive and innovative student support services such as admissions and records, counseling, assessment, outreach, and financial aid.

##### Stable Fiscal Environment

- Respond to dynamic fiscal conditions through ongoing evaluation and reallocation of existing resources and the development of new resources.

##### Sustainable Physical Environment

- Apply sustainable practices to maintain and enhance the College's facilities and infrastructure including grounds, buildings, and technology.

##### Supportive Collegial Environment

- Employ decision-making and communication processes that respect the diverse needs of the entire college community.

## About SMC

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### GLOBAL CITIZENSHIP

Santa Monica College—a diverse and dynamic community of individuals from around the world—is committed to promoting global citizenship among its students, faculty, staff, and community.

To be a global citizen requires:

- Knowing about peoples, customs, and cultures in regions of the world beyond one's own;
- Understanding the interdependence that holds both promise and peril for the future of the global community; and
- Combining one's learning with a dedication to foster a livable, sustainable world.

To support its commitment to the development of global citizenship, SMC provides its community with a variety of courses, lectures, special events, and other educational opportunities to explore international and global issues, environmental challenges, and intercultural relationships.

### EDUCATIONAL OPPORTUNITIES

#### Curricula

Santa Monica College offers four types of curricula for students to choose from, depending on their goals.

The general education curriculum offers a prescribed core of general education courses that provide opportunities for lifelong learning in various fields, including fine and applied arts, literature, foreign languages, science, and many other instructional areas.

Students desiring to transfer to a four-year college or university may take a transfer curriculum consisting of academic courses that meet college and university lower division major requirements in liberal arts, the sciences, and a variety of pre-professional fields. After completing the transfer curriculum at Santa Monica College, students may apply to transfer to a four-year educational institution to complete their upper division course work.

The career preparation curriculum prepares students for immediate employment or occupational upgrading. This can be done in two years or less of full-time training at Santa Monica College. Persons who are already employed may take courses that lead to promotion or salary enhancement.

Santa Monica College provides the community with many educational, cultural, social, and recreational programs to meet individual needs and personal interests. The programs include seminars, lectures, not-for-credit classes, art and photo gallery exhibits, concerts, theatrical productions, and planetarium shows.

### Evening Classes

Santa Monica College offers a comprehensive selection of classes scheduled during evening hours to provide educational opportunities to students who are unable or do not wish to attend day classes. Evening classes are considered an integral part of SMC's educational program, and admission and enrollment procedures are the same for day or evening classes. All College policies—including those on admission, probation, and disqualification—apply equally to day or evening students.

### Online Classes

Through its Office of Distance Education, Santa Monica College offers a selection of classes online over the Internet, which may be accessed from home, office, or other locations by using a computer with a browser and Internet access. Classes offered online are especially convenient for students who, for a variety of reasons, are unable or prefer not to travel to the SMC campus to attend classes. Online classes, like evening classes, are considered an integral part of SMC's educational program. All SMC policies—including those on admission, probation, and disqualification—apply equally to online students as they do to day or evening students. Online classes cover the same content, award the same credit, and are listed on student transcripts in the same way that on-campus classes are; they differ from on-campus classes only in their delivery method. For details on SMC's online classes, enrollment procedures, and technical requirements, point your browser to [smc.edu/OnlineEd](http://smc.edu/OnlineEd) or see the Schedule of Classes.

Hybrid classes are a combination of online-delivered coursework and mandatory meetings on the SMC campus. Please see the Schedule of Classes for details about specific on-campus meeting dates, times, and locations for hybrid classes.

## COLLEGE HISTORY

Four-year colleges and universities have their roots in medieval Europe, but community colleges are a uniquely American contribution to higher education.

Santa Monica College—located in the Santa Monica Community College District and operated under the principles first defined in School Law of California, 1917—is proud to be a part of that rich tradition of community service and public education.

A seven-member Board of Trustees, elected to a four-year term by the residents of Santa Monica and Malibu, governs the Santa Monica Community College District. A student-elected representative with an advisory vote serves on the Board as Student Trustee.

The College opened its doors as “Santa Monica Junior College” in 1929 to 153 students.

Although born on the eve of the Depression and familiar with financial constraints, SMC has thrived. Today, enrollment is about 33,000 students. The College, which began by holding classes in Santa Monica High School, is now located on a 40-acre campus at 1900 Pico Boulevard, and has five satellite campuses.

Santa Monica College has been headquartered at three locations since it opened. Classes were moved from the high school to an old elementary school building across the street. When a 1933 earthquake rendered that building unsafe, classes were held in a village of wood-framed tents affectionately nicknamed “Splinterville.” The Technical School was founded in 1937 at 2200 Virginia Avenue, which is now the site of Virginia Park.

Corsair Stadium, the first permanent structure built on the present campus, was erected in 1948. Groundbreaking ceremonies for the first classroom building were held September 11, 1950. With the completion of the Administration, Art, Music, Library, Little Theatre, and Student Activities buildings in January 1952, all classes except the vocational ones and the science labs were located on the new campus.

SMC's original Science Building was completed in February 1953. Three vocational buildings were added in 1957 for the cosmetology, sewing, and home economics programs, which were moved from the Technical School. The remaining classes at the Technical School were moved to the main campus in 1969.

By 1960, several new projects were built on campus: a spacious gymnasium with men's and women's locker rooms, a cafeteria building with classrooms, an enlarged student bookstore, and an addition to the library. Santa Monica College continued to change through the years, with new construction and the relocation of many classes to satellite campuses. Major construction projects included the Concert Hall in 1979; the Library, Learning Resources Center, and Instructional Materials Center in 1980; and the Business and Vocational Education Building in 1981. In 1983, the former library was renovated and renamed the Letters and Science Building. A four-story parking structure was completed in 1981, followed by two more parking structures in 1991, and another in April 2002.

In 1988, SMC opened its first satellite campus in the former Douglas Museum and Library complex at the Santa Monica Airport. Two years later, the second satellite campus opened at the former Madison Elementary School site at



11th Street and Arizona Avenue in Santa Monica, known now as the SMC Performing Arts Center. The College opened its third satellite facility in February 1998, a 3.5-acre campus on Stewart Street in the heart of Santa Monica's media and entertainment business district and dedicated to instructional programs in entertainment technology and design.

The College's completely modernized three-story Science Complex opened on the main campus in Fall 1999, and a major expansion of the SMC Library opened in Fall 2003. Both award-winning projects were funded by Proposition T—a bond measure approved by local Santa Monica and Malibu residents in 1992—and earthquake restoration and other funds from the Federal and State governments.

In recent times, Santa Monica and Malibu residents have approved four safety and modernization bond measures to upgrade and enhance SMC's facilities. The first of these, Measure U for \$160 million, was approved in March 2002. The second, Measure S for \$135 million, was approved in November 2004. The third, Measure AA, for \$290 million, was approved in November 2008. The fourth, Measure V, for \$345 million, was approved in November 2016. With funding from Measure U, the College acquired two additional properties: a new four-story office and classroom building at 1227 Second Street, which became the permanent home for SMC's Emeritus program in Fall 2003, and a 10.4-acre site near the Santa Monica Airport at Bundy Drive and Airport Avenue. The Bundy Campus—SMC's largest satellite campus—opened in Summer 2005 and is home to SMC's Health Sciences, Education, and Community Education programs.

On SMC's main campus, a modernized replacement Theater Arts instructional building opened in Fall 2007, along with a 64,000 square foot Humanities and Social Science Building. At the SMC Performing Arts Center, a professional-quality 541-seat performing arts theater (the Eli and Edythe Broad Stage) opened in Fall 2008.

SMC's main campus underwent a recent facelift, and now has a beautiful Quad with palm trees and environmentally friendly water features. Through its Center for Environmental and Urban Studies (CEUS), which is also headquarters for Sustainable Works, the College has embarked on an ambitious, award-winning program to develop and implement campus sustainability initiatives and research.

One of the greenest campuses in the state, SMC became the first community college in California to earn a Bronze-level Bike-Friendly University award from the League of American Bicyclists. Along with the Center for Environmental and Urban Studies and active student clubs, SMC offers a 'live laboratory,' an organic learning garden, a recycling program for electronic waste, commercial worm composting, and many other opportunities for students to become environmental leaders.

Two other buildings funded by Measure AA have recently opened on the main campus. A 14,000-square foot building opened in 2015 to house SMC's Center for Teaching Excellence in addition to SMC's information technology resources. A 66,000-square foot three story structure, the Core Performance Center, opened in 2017 and is home to SMC's dance and athletic programs, with spacious dance studios, men's and women's locker rooms, physical fitness labs, and a climbing wall. The building also houses a central

cooling system for the campus. Construction is ongoing on the main campus for a new Student Services Center and underground parking garage. A new one-acre site has been acquired immediately adjacent to the main campus. Planned projects on the main campus include a new addition to the Science Complex for environmental sciences, earth sciences, math, and related programs; an outdoor amphitheater; and a new classroom building.

At its Bundy Campus, SMC acquired an additional three acres adjacent to the campus for use for additional overflow parking and for future program expansion.

At the Performing Arts Campus, SMC has acquired a 26,000 square-foot three-story commercial building adjacent to the campus as offices for the theater staff and presenting company. A new 21,000 square-foot three-story wing for the Center opened in 2017 that provides a large Music Hall for rehearsals, performances, and special events; a piano teaching lab; and a classroom for voice and choir instruction.

SMC's newly rebranded SMC Center for Media and Design—formerly the Academy of Entertainment and Technology—reopened in Fall 2017 and features an expansion and remodeling of the original campus to accommodate design and media-related programs. The new Bachelor's program in Interaction Design is also housed there, along with SMC's NPR radio station KCRW. The new campus features an auditorium for screening films, a TV studio, and radio broadcast labs.

Future projects include a new Early Childhood lab school; a joint use project with the City of Santa Monica for physical education field improvements; a joint use project with the local school district for a 750-seat auditorium adjacent to SMC's main campus; and a new satellite campus with classrooms, art studio, science lab, community music hall, emergency operations center, interpretive center, and Sheriff's substation in the Malibu Civic Center area.

Santa Monica College was selected to be one of the first 15 California community colleges to offer bachelor's degrees, as part of a historic pilot program. SMC's Bachelor of Science Degree in Interaction Design will help prepare students for careers as interaction designers, and offer a gateway to professional and economic advancement for many students.

The College's reputation as the Westside's leading job trainer was also heightened by its role in creating an LA-based consortium called the "Los Angeles High Impact Information Technology, Entertainment & Entrepreneurship, and Communications Hubs." Better known by its acronym LA HI-TECH, the group was recognized in 2015 by President Obama's TechHire Initiative for its work in preparing students for jobs in the information, communication and technology sector.

To encourage more students into pathways toward careers and further higher education, SMC expanded dual enrollment opportunities for high school students, creating special programs like First Year Experience and Summer JAMS to give first-generation college students a head start. Also, the SMC Board of Trustees waived enrollment fees for high school students, and those who qualify can now take classes at SMC for free.

The coming of the first commuter train to Santa Monica in more than 60 years also led to a significant move that



spelled out SMC's importance in the community: the Expo Light Rail station at 17th and Colorado includes "Santa Monica College" in its name.

Over the years, the College has offered continuing education classes to meet the needs of the community through such programs as SMC's Emeritus program founded in 1975 to offer classes to people age 55 and older, and SMC's Community Education program, which provides a broad range of classes and workshops to individuals who wish to explore their personal interests or enhance their careers. The College also presents guest speakers, performers, films, and other special events to the community, and brings the best of public radio to Southern California through its award-winning NPR station KCRW (89.9 FM).

Santa Monica College has responded to the needs of its increasingly diverse student body through such academic and counseling support programs as the Scholars program (for honors students planning to transfer to four-year institutions), Latino Center, African American Collegian Center, Center for Students with Disabilities, and International Education Center. The College boasts the largest student support system among all California community colleges and the cornucopia of special programs has grown with the inclusion of programs like the Veterans' Resource Center, the First Year Experience for first-generation college students, and the Guardian Scholars Program for foster youth.

Santa Monica College's academic excellence has always been driven by world-class faculty who are here because they believe in the power of the student-teacher connection. In the last decade, SMC has hired more than 120 new full-time professors with distinguished credentials, representing the best in their fields. SMC's Center for Teaching Excellence—one of just a handful of such centers at community colleges—serves as a "pedagogical playground" where instructors can learn how to address the particular challenges of teaching in a multicultural and technology-driven world.

Today, Santa Monica College is accredited by the Western Association of Schools and Colleges (WASC) and offers courses in more than 100 fields of study. SMC is the Westside's leading job trainer and the nation's undisputed leader in transfers to the University of California system, including UCLA. Additionally, Santa Monica College's reputation for quality attracts students from more than 100 countries around the world, and currently, more international students choose Santa Monica College to begin their higher education than almost any other community college in America.

## Community Support

### SMC ASSOCIATES

The Santa Monica College Associates was established in 1981 by a group of community leaders committed to SMC and its mission. The community-based support group promotes, fosters, and encourages educational, scientific, literary, and artistic endeavors at the College. Funds raised by the Associates are used to bring world-class guest speakers and special events to SMC to stimulate student excellence and enrich campus life. Membership in the SMC Associates is open to the public, and yearly membership contributions of \$100 or more are entirely tax-deductible.

For more information, please visit the SMC Associates website at [smc.edu/associates](http://smc.edu/associates) or call (310) 434-4100.

### GENERAL ADVISORY BOARD

The Santa Monica College General Advisory Board is a College support group composed of diverse representatives from neighborhoods, businesses, and public and private agencies. General Advisory Board members serve at the invitation of the SMC Board of Trustees and the President of the College.

Through regular meetings, the General Advisory Board is kept informed about current offerings, future plans, and special events. General Advisory Board members also have the opportunity for informative exchanges with College leadership in an informal setting, as well as in-depth discussions with key staff in various SMC departments and programs. For more information about the General Advisory Board, please call (310) 434-4303.

### SANTA MONICA COLLEGE FOUNDATION

The Santa Monica College Foundation is a nonprofit, 501(c)(3) tax-exempt corporation founded in 1956 to enhance the quality of education at the College by attracting individual, corporate, and other financial support. The Foundation operates as a private fundraising and "friendraising" organization separate from, but affiliated with Santa Monica College.

The Santa Monica College Foundation seeks and accepts contributions—which are tax-deductible for the donor—to support a variety of College programs, meet campus needs that may not be met by traditional avenues of funding, and lend a "helping hand" when the College needs it.

The Foundation administers both restricted and unrestricted gifts, donations, and bequests for the benefit of Santa Monica College and its students. One of the Foundation's primary missions is to provide scholarships to SMC's new, continuing, and transferring students.

For more information, please visit the Santa Monica College Foundation website at [santamonicacollegefoundation.org](http://santamonicacollegefoundation.org) or call (310) 434-4215.

### SANTA MONICA COLLEGE ALUMNI ASSOCIATION

The Santa Monica College Alumni Association works to build and re-establish lifelong connections with SMC graduates and former students across the country and around the globe. The Alumni Association fosters goodwill, financial support, and other resources to support school spirit on the SMC campus and extend that spirit into the broader community. One of the SMC Alumni Association's many goals is to have alumni waiting to receive SMC students at their destination when they transfer to a four-year college or university, take a job at a new workplace, move to a new city, or return to a home country.

Throughout the year, the SMC Alumni Association hosts a number of gatherings and events, including the popular Alumni Lounge at the annual VIP Welcome Day and the Graduation Reception following Commencement ceremonies. For more information, please visit the SMC Alumni Association website at [alumni.smc.edu](http://alumni.smc.edu) or call the Office of Campus and Alumni Relations at (310) 434-8400.

# Admission & Attendance Information



## Eligibility

Any person who has graduated from high school, or who is 18 years of age or older, may be admitted to Santa Monica College if he or she meets the residency requirements, and can profit from the program.

Students 16 or 17 years of age may also be admitted to Santa Monica College if they have passed the California High School Proficiency Examination and present an official "Student Score Report" or a certificate of proficiency when they apply for admission. Qualifying younger students participating in SMC's Concurrent Enrollment Program may also apply for admission (see [smc.edu/hsc](http://smc.edu/hsc) for details).

Please see the Residency information below for important details regarding California residency requirements and how they apply to students attending Santa Monica College.

## Residency

The following is a summary of Santa Monica College's residency rules and their exceptions. For more detailed information, please visit the Residency webpage (go to [smc.edu/admissions](http://smc.edu/admissions) and click on the "Residency" link in the Policies & Programs section of the webpage), see the College Policies section of the Schedule of Classes, or contact a residence specialist in the Admissions & Records Office.

- Each person applying for admission to, or enrolled in, a California Community College is classified for tuition purposes as either a "resident" or a "nonresident" of the State of California.
- A "resident" is defined as a citizen of the United States or a person who holds a status that allows him or her to establish residency in the United States for a minimum of one year and one day, who has proof of physical presence in the State of California for one year and one day PRIOR TO the start of the semester for which California residency is being claimed, and who presents evidence of intention to make California his or her permanent home. Dates on any documentary evidence should correspond to dates of physical presence in California.
- A "nonresident" is a person who does not meet the residency requirements of the State of California or who is a citizen of a foreign country and holds only temporary status in the US.
- A student classified as a resident will be admitted to the College and be exempt from paying nonresident tuition. Enrollment fees still apply.
- A student classified as a nonresident is required to pay a tuition fee *in addition to the* enrollment fee. A student classified as a nonresident, with an out of status citizenship, and/or a nonresident US citizen who attended three years and graduated from a California high school may apply for AB 540 exemption. An official, sealed transcript must be submitted with the exemption form.

- All nonresident students between the ages of 19 and 23 (inclusive) requesting reclassification to resident status must submit a petition for change of residency status (Reclassification Form, obtained from a residence specialist in the Admissions Office), show proof of financial independence, provide documents that show the students were not claimed as dependents for income tax purposes by their parents in the past year, and present evidence of intent to establish California as their place of residence. Please visit the Residency website at [smc.edu/residency](http://smc.edu/residency) for helpful tips on establishing California residency.

### RESIDENCE OF AN ADULT

A student who is 19 years of age or older and who has lived in California continuously for the last two years shall be presumed to have the intent to make California his or her home.

A student under 19 years of age shall be presumed to have the intent to make California his or her home if both the student and his or her parent(s) or legal guardian(s) have lived in California continuously for the last two years.

A student who is 19 years of age or older applying for admission who has less than two years, but more than one year, of residence in California should be prepared to show proof of residence. Examples of evidence that aid the College admissions officer in identifying intent include, but are not limited to, the following documents:

- California Form 540 and Federal Form 1040 tax returns evidencing California residency/address (with acceptable dates);
- Paycheck stub OR letter of employment verification on company letterhead (signed by a manager of the personnel department);
- California bank account (checking or savings account statements showing charges in the State of California throughout the period while applying for residency determination);
- Marriage license or divorce decree issued in California (with acceptable dates);
- License or certificate issued by the State (with acceptable issue and expiration dates);
- California utility bill (one ONLY of the following: DWP, gas, telephone, cable, or other utility);
- California State aid or social welfare;
- Vehicle registration and/or vehicle insurance (California company);
- California-based health insurance OR Medi-Cal ID (with relevant dates noted);
- Military discharge papers (DD214) OR Leave and Earnings statement indicating California as State of Record;
- California property taxes (in student's name ONLY);
- Union membership in a California local; and
- California public library membership (verified by letter or printout with letterhead or branch stamp).

Any two or more of the above items will give some indication of a student's intent to make California his or her per-

manent residence. Dates on documents must correspond with physical presence of one year and one day prior to the start of the semester/session being attended. Bring documentation to the Admissions Office. Restrictions apply. Please go to [smc.edu/residency](http://smc.edu/residency) for further details.

### RESIDENCE OF A MINOR

Unmarried minors (those younger than 18 years of age) are, by law, incapable of establishing their own residences, notwithstanding their physical presence within California. The Admissions Office will use the following guidelines for determining a minor's residence:

- A minor's residence is the residence of the parent or legal guardian with whom the minor is living;
- If the minor is not living with a parent or legal guardian, then the residence of the parent or legal guardian with whom the minor last lived will be the residence of the minor.

When the residence of a minor student is derived from the parent or legal guardian, the durational requirement (one year in California) must be met by the parent or guardian, but is not required of the student.

A minor whose parents are not living and who does not have a legal guardian may establish his or her own residence.

### EXCEPTIONS

Exceptions to the above guidelines will be made under certain circumstances as prescribed by California law and outlined in Administrative Regulation 4110 Residency Determination. See [smc.edu/AR4000StudentServices](http://smc.edu/AR4000StudentServices) for details.

### ASSEMBLY BILL 540 (CAL. ED. CODE § 68130.5 EXEMPTION)

Assembly Bill 540 created an exemption from payment of nonresident tuition for certain nonresident students who have attended high school in California and received a high school diploma or its equivalent in California. You will qualify for this tuition exemption if you meet ALL of the following conditions:

1. Attended a California high school for three or more years or, effective January 1, 2015, pursuant to AB 2000, attained credits earned in California from a California high school equivalent to three or more years of full-time high school coursework and attended a total of three or more years in California elementary schools, California secondary schools, or a combination of those schools;
2. Graduated from a California high school or attained the equivalent thereof (e.g., passed the GED in California or the California High School Proficiency exam); and
3. Complete a questionnaire form verifying eligibility for this nonresident tuition exemption. The questionnaire is available online and may be downloaded at [smc.edu/forms](http://smc.edu/forms) (requires Acrobat Reader).

In order to qualify, you must submit ALL of the documentation requested, including:

- A signed affidavit (part of the questionnaire); and

- Your "official" California high school transcript (or copy of your elementary and middle school transcript, as relevant, in a sealed envelope) showing your attendance for three or more years and date of graduation. NOTE: Adult School does *not* count toward years of attendance.
- If you did not graduate from a California high school, but obtained instead a GED or California High School Proficiency Certificate, you must also submit your official GED certificate or California High School Proficiency certificate with the score report.

This benefit is available to all US citizens, permanent residents of the US, and aliens (including those who are undocumented) who are not categorized as nonimmigrants, who meet all of the above criteria. AB 540 does **NOT** grant residency; however, it does allow students to pay the same fees as California residents.

For more details or to obtain an application, please contact the Admissions Office.

### ASSEMBLY BILL 947 (CAL. ED. CODE 76141 EXEMPTION)

Students classified as nonresidents are required to pay a tuition fee of \$309 per semester unit (plus \$46 enrollment fee, for a total of \$355 per semester unit). However, Assembly Bill 947 creates a partial exemption from payment of nonresident tuition for certain nonresident students who can demonstrate economic hardship, or who are victims of persecution or discrimination in the country in which the students are a citizen and resident. The amount of the partial exemption is limited to that portion of the nonresident tuition fee allowed under Section 76141, which provides for a fee for capital outlay, maintenance, and equipment. Students qualifying for this exemption may pay a nonresident tuition fee of \$285 per semester unit (plus \$46 enrollment fee, for a total of \$331 per semester unit).

For purposes of this exemption, economic hardship encompasses the financial circumstances of a person who is a recipient of benefits under the Temporary Assistance for Needy Families (TANF) program described in Part A of Title IV of the Social Security Act (42 USC §§601 et seq.), the Supplemental Income/State Supplementary Program, or a general assistance program.

For more details, please contact the Admissions Office.

### SELECTIVE SERVICE NOTICE TO MALE STUDENTS

Federal law requires men age 18-25 to be registered with the Selective Service System (SSS) if they are US citizens or immigrant aliens (international students who hold valid student visas are exempt from this requirement). Men must be registered before they can receive federal or state financial aid (including loans and grants) for their education. Registration forms are available online at [sss.gov](http://sss.gov) and at any post office.



## Steps to Become an SMC Student

To become an SMC student requires being admitted to SMC, completing some processes, and enrolling in classes.

### APPLY FOR ADMISSION

A student who has never attended Santa Monica College (New Student) or has been away from SMC for two or more consecutive semesters (Returning Student) must file an application for admission. The application—available online at [smc.edu/apply](http://smc.edu/apply)—provides the College with information that satisfies State registration requirements and initiates the education planning process. New students are strongly encouraged to arrange for official transcripts from the high school(s) and college(s) they have previously attended to be sent directly to the SMC Admissions Office 1900 Pico Blvd., Santa Monica, CA 90405). New students enrolling in more than six (6) units are also required to complete the assessment process for English (or ESL) and for math (go to [smc.edu/prep2test](http://smc.edu/prep2test) for details). Transcripts from previous schools and assessment results will be used by counselors to create an education plan for students and to assist them in scheduling classes.

A student who has attended SMC within the past two semesters (Continuing Student) does NOT need to reapply for admission.

### High School Concurrent Program

Students still in high school—on the recommendation of their high school's counselor or principal—may attend Santa Monica College and receive credit for SMC courses. For further information, refer to [smc.edu/highschool](http://smc.edu/highschool) or visit the Admissions Office.

### Former SMC Students

**Students in good standing:** Former SMC students who were in good standing at the time they left the College and have been away for two or more consecutive semesters must follow the same admission procedures as new students.

**Disqualified students:** Students who have been disqualified (dismissed) from Santa Monica College for poor academic performance or unsatisfactory progress **and who have been away from SMC for one semester or less** must complete and submit a 'Disqualified Student Petition for Reinstatement to Probationary Status.' Students who petition for reinstatement to SMC may or may not be allowed to return, depending on reinstatement guidelines. To complete the reinstatement petition, students must go to [smc.edu/cc](http://smc.edu/cc) and log in to Corsair Connect, then go to 'SMC Quick Links,' click on 'DQ Student Petition,' and follow the instructions. A confirmation message will appear once the petition is successfully completed and submitted, and the petition will be saved in the Corsair Connect account. To have a reinstatement petition reviewed and processed, a student **MUST** meet in person with a counselor. The counselor will determine whether reinstatement is possible and what conditions the student must meet in order to enroll at SMC. The counselor will also specify how many units the student may enroll in, up to a maximum of 6 units per academic term.

Disqualified students **who have been away from SMC for two consecutive semesters (one year) or longer** must file BOTH an SMC Admission Application and a 'Disqualified Student Petition for Reinstatement.' Students may go to [smc.edu/apply](http://smc.edu/apply) to complete and file both of these. Detailed instructions and the steps for completing and filing the forms are listed under "Admission/Readmission of Disqualified Students" in the Academic & Progress Probation & Disqualification Policies section of this catalog, as well as in the Admission section of the Schedule of Classes.

Students who were disqualified from another college must also fax a copy of their unofficial transcripts (or arrange for official transcripts to be sent to SMC) from ALL colleges attended. Fax transcripts to (310) 434-4007, or mail to the Transfer/Counseling Center, ATTN: Readmission Committee, Santa Monica College, 1900 Pico Blvd., Santa Monica, CA 90405. PLEASE NOTE: The reinstatement process will NOT continue OR be complete until all transcripts are received. After a student's transcripts are received, an SMC counselor on the Readmission Committee will review the petition and email the decision—along with any further instructions—to the student's SMC email account. Once students are readmitted, they are required to arrange for all OFFICIAL transcripts to be **sent directly by the previous college(s)** to Santa Monica College, ATTN: Admissions, 1900 Pico Blvd., Santa Monica, CA 90405-1628.

Students who have been disqualified from SMC **more than once** will be required to take a break from attending SMC for a period ranging from one semester (after a second disqualification) up to a maximum of one year (after a third disqualification).

Please see [smc.edu/DQProbationPolicies](http://smc.edu/DQProbationPolicies) for information on other requirements for disqualified students seeking admission/readmission to SMC.

### International Students

SMC's International Education Center welcomes applications from international students who wish to attend Santa Monica College. More than 3,400 international students from more than 100 countries are currently enrolled at the College. SMC offers a number of distinct advantages to international students beginning their university education in the United States. As the leading community college in California, Santa Monica College transfers the most students to the University of California system. SMC also offers a lower tuition cost than many other colleges and universities offering comparable educational programs. Finally, SMC provides a highly accessible and supportive learning environment.

The College defines an "international student" as a student who is admitted to the United States with an F-1 or F-2 Visa status to attend SMC. Students in F-1 status from other schools may enroll at SMC on a limited basis. Please consult with the International Education Center for more information. Students with other types of visas (not F-1) may enroll through the Admissions Office. Students who are currently on a B Visa are not permitted to enroll until they have changed to F-1 or another status with education privileges.

To be accepted at SMC, an international student must:

- Be at least 16 years old by the first day of classes (NOTE: Students who are 16 or 17 years old must be high school graduates);
- Provide proof of English proficiency (for a list of tests and other ways to prove proficiency, go to [smc.edu/international](http://smc.edu/international));
- Submit a completed International Student Application for Admission to SMC;
- Submit a 500-word autobiographical essay describing the student's reasons for applying to SMC;
- Submit a financial statement proving ability to meet education expenses of being a student (minimum \$27,500); and
- Submit official transcripts and a nonrefundable application fee. Transferability of coursework from other institutions will be reviewed after a student has been admitted to Santa Monica College.

Students who do not have the required English proficiency are encouraged to apply to SMC's Intensive English Program.

The International Student Application for Admission to SMC is available online ([smc.edu/iapp](http://smc.edu/iapp)).

**In order to maintain their F-1 visa status, all international students accepted at Santa Monica College MUST enroll in AND complete a course load in the Fall and Spring semesters of twelve (12) or more units, which may include only ONE online class of 3 or fewer units. Summer and Winter sessions are optional for continuing students. International students who choose to begin their studies during a Summer or Winter session must enroll in and complete a minimum of four (4) units during that first session.** In addition, international students must take Counseling 11 (Orientation to Higher Education for International Students) **during their first semester at SMC**, and may be required to take special English as a Second Language (ESL) classes.

All students accepted for admission must participate in an information seminar before the semester begins and undergo assessment of their English/ESL and math skills to determine the most appropriate English and math class for placement. Students must also participate in a group counseling session. Students whose English skills are below university level are placed in academic ESL classes while they are taking other courses, such as mathematics and computer science.

## Veterans

Santa Monica College is approved as an institution for higher learning for veterans and veterans' dependents entitled to education assistance from the Veterans Administration (VA). The College cooperates with the VA in helping veterans. Veterans are urged to take advantage of the many student support services and educational programs offered by Santa Monica College. SMC offers academic, career, and transfer counseling, as well as priority enrollment, tutoring, and other services to support veterans in achieving their education goals.

To receive VA education benefits, students must be determined to qualify for benefits *by the Veterans Administration*.

Students receiving VA education benefits should see the Veterans' Counselor **before enrolling in any classes**.

To secure full VA education assistance benefits under Title 38, United States Code, students must comply with Veteran Regulations Section 21.4135, 21.4235, and 21.4277 regarding the attendance and progress requirements they must meet. For example, VA regulations not only require students receiving VA education benefits to meet the same academic standards as all other students at SMC, but also place certain restrictions on those students. Students who fail to achieve a semester grade point average of 2.0 will be placed on academic probation. After two semesters on academic probation, students may lose their VA education benefits. For additional details about benefits under Chapters 33 and 35 of the GI Bill, please visit the Veterans Resource Center or see the VA website ([gibill.va.gov](http://gibill.va.gov)).

Information on the services the Veterans' Resource Center offers can be found in the Programs & Services section of this catalog, in the Campus Services section of the Schedule of Classes, and online at the Veterans' Resource Center website ([smc.edu/vet](http://smc.edu/vet)).

## Students with Disabilities

Printed SMC materials are available in alternate media upon request. To request publications in alternate formats for disability accommodation, send e-mail to [DSCcontact@smc.edu](mailto:DSCcontact@smc.edu) or call (310) 434-4265. The information contained in this catalog is also available online (go to [smc.edu/catalog](http://smc.edu/catalog)).

Students who wish to use the specialized counseling services provided through the Center for Students with Disabilities should call (310) 434-4265 before they start admission procedures. The video phone number is (866) 957-1809.

Information on the services the Center for Students with Disabilities offers can be found in the Programs & Services section of this catalog, in the Campus Services section of the Schedule of Classes, and online at the Center for Students with Disabilities website ([smc.edu/disabledstudent](http://smc.edu/disabledstudent)).

## Assessment

Assessment is essential in evaluating the education skill levels of students and assisting them in their selection of courses that lead to achieving their education goals.

**Assessment is used *only* to generate placement recommendations, and *not* to advance students to higher-level courses.** Once students officially enroll in an English, ESL, math, or chemistry course, they are not permitted to undergo assessment again as a means for advancing to higher-level courses. Students who believe they already possess the educational background and skills needed to succeed in higher-level courses must meet with a counselor to discuss exemption from prerequisites and how to file a Prerequisite/Corequisite Challenge Petition. See the Academic Policies section in this catalog for details on challenging prerequisites and corequisites.

For detailed information on the assessment process at Santa Monica College, see the Assessment Center website ([smc.edu/assessment](http://smc.edu/assessment)), call (310) 434-8040, or visit the Assessment Center, located in Room 109 of the Liberal Arts building.

### Prep2Test

All students are strongly encouraged to watch the informational videos at the Prep2Test webpage ([smc.edu.prep2test](http://smc.edu/prep2test)). Santa Monica College has prepared two easy-to-understand videos that explain assessment requirements and the assessment process, and that offer students a selection of helpful tools, including practice tests, to prepare for assessment and strengthen self-confidence.

### English, ESL, & Math Assessment

Santa Monica College requires students to undergo the assessment process in English or ESL and in math if they are:

- First-time college students who are enrolling in more than six (6) units during their first semester at SMC (with a declared goal of an Associate degree, Certificate of Achievement, transfer, basic skills, or undecided);
- Continuing students who are enrolling for their second semester at SMC, but who have not yet completed the assessment process (based on the education goals above);
- Students who are enrolling in an English, ESL, or math course for the first time, even if they are not first-time college students; or
- Students who are enrolling in courses with recommended English or math preparation; or
- High school concurrent enrollment students taking courses other than designated activity/performance courses. The math assessment will only be required if the intended course has a math prerequisite, advisory, or corequisite.

Based on their assessment scores and multiple measures used as part of the assessment process, students will receive an English, ESL, or math placement recommendation.

Students with an Associate or higher degree from a US-accredited institution may be exempt from assessment. However, if they are planning to take English, ESL, or math courses, students must demonstrate their eligibility for these courses. Students are encouraged to discuss their plans with an academic counselor.

### Waivers & Placement Recommendations

Santa Monica College provides placement recommendations and assessment/prerequisite waivers to students on the basis of their past coursework or, in some cases, assessment results from other colleges. For example:

- Students may be exempt from English or ESL assessment if they have completed a college-level English or ESL composition course with a grade of C (2.0) or better;

- Students may be exempt from math assessment if they have completed a college-level math course with a grade of C (2.0) or better;
- Students may be exempt from selected English or math prerequisites if they have completed applicable college-level courses with a grade of C (2.0) or better (or P, if they took the courses on a P/NP basis) and the courses are equivalent to SMC courses that recommend English or math preparation;
- Students may be exempt from assessment or from selected prerequisites if they have completed applicable college-level courses with a grade of C (2.0) or better (or P, if they took the courses on a P/NP basis) and the courses are equivalent to SMC courses that require or recommend the assessment of skill levels;
- Students may be exempt from assessment or may receive waivers for selected prerequisites if they participated in another college's assessment program recently and the tests are the same as the ones in use at SMC (see Waivers Based on Placement Test Results, below, for details), or if they received a particular score on an applicable College Board AP test (see Waivers Based on Advanced Placement Exam Results, below).

Please see [smc.edu/waivers](http://smc.edu/waivers) for detailed instructions on how to obtain a waiver or request an exemption, then consult with a counselor at the Transfer/Counseling Center. Assessment/prerequisite waiver requests are reviewed on an individual basis.

PLEASE NOTE: Students who may be exempt from assessment still must successfully complete—or receive waivers for—any prerequisite courses (or their equivalent) that are required for classes in English (or ESL), math, Anatomy 1, Biology 21/22/23, Chemistry 11/12/21/22/24, Film 31/32, Microbiology 1, Nursing 17, Physics 7/9/22/23/24, and Physiology 3. Please consult a counselor at the Transfer/Counseling Center for further information. Courses in other disciplines may first require the completion of a prerequisite course in that discipline. Placement/prerequisite waivers may be requested directly from the department chair in that discipline, as required (e.g., Film 31/32).

### Waivers Based on Completed Course Work

Placement recommendations and permits to enroll in English, ESL, math, chemistry, or selected Life Sciences and physics courses may be issued to students if they have completed a relevant college-level course with a grade of C (2.0) or better.

Students seeking a placement waiver for English, ESL, math, Chemistry 11, or Anatomy 1 should take a copy of their college transcript and course description to the Transfer/Counseling Center or Welcome Center. A counselor will evaluate the course in question and, if appropriate, issue a waiver.

Students seeking a placement waiver for other Life Science, chemistry, and physics courses should call (310) 434-4788 for specific instructions (or go to [smc.edu/waivers](http://smc.edu/waivers)).

Students seeking a waiver to repeat a course at Santa Monica College due to a substandard grade (i.e., F, D, NC, NP) or a W, MW, or FW from another institution must



demonstrate that the relevant prerequisite for that course was completed successfully.

#### Waivers Based on Placement Test Results

Santa Monica College does not automatically accept assessment results from other institutions. Exceptions may be made under the following very limited circumstances, and only on a case-by-case basis:

- **Out-of-State Students Applying to SMC:** Students who are eligible to enroll at SMC and planning to move to California to attend SMC may be allowed to complete placement tests at another institution, but ONLY if those assessment tests are the same as the ones in use at SMC (see below for test names) AND the students have completed the test(s) *within the past calendar year*. However, SMC will apply its own “cut” scores in determining a student’s placement eligibility.
- **Students Who Meet the Above Criteria Must Take:** For English: ACCUPLACER Reading Comprehension and Sentence Skills tests; for ESL: ACCUPLACER Language Use and Reading Skills and Sentence Meaning test; for math: ACCUPLACER Math test; for chemistry: California Chemistry Diagnostic Test.
- Placement test results must be faxed directly by the institution to (310) 434-8019. Results that are mailed, hand-carried, or faxed by the student will NOT be accepted, unless pre-approved by the Assessment Center Supervisor.

#### Waivers Based on Advanced Placement Exam Results

College Board Advanced Placement test results may be used to determine the eligibility of students for English, math, and chemistry courses. Students must bring their original AP test results to the Assessment Center or to the Transfer/Counseling Center. Placement/prerequisite waivers will be issued under the following conditions:

- A score of 3, 4, or 5 on the AP English Language & Composition or Composition & Literature exam will qualify students for English 2 and give 3 units of credit for English 1;
- A score of 3, 4, or 5 on the AP Statistics exam will give 4 units of credit for Math 54 [Note: A placement waiver for Math 54 only may be issued if a student wishes to enroll in Math 54 and the student has NOT been granted AP Statistics credit at SMC. Duplication of course credit (Advanced Placement and SMC coursework) will not be permitted.];
- A score of 3 on the AP Calculus AB exam will qualify students for Math 7 and give 5 units credit for Math 2;
- A score of 3 on the AP Calculus BC exam will qualify students for Math 8 and give 5 units credit for Math 7;
- A score of 4 or 5 on the AP Calculus AB exam will qualify students for Math 8 and give 5 units credit for Math 7;
- A score of 4 or 5 on the AP Calculus BC exam will qualify students for Math 10/11/13/15 and give 5 units credit for Math 8; and

- A score of 3, 4, or 5 on the AP Chemistry exam will qualify students for Chemistry 11 and give 5 units credit for Chemistry 10 (no lab requirement met).

It is VERY IMPORTANT for students to have their AP scores evaluated by a Santa Monica College counselor. The evaluation will determine whether the scores are transferable and—more importantly—will help determine whether they satisfy a requirement relevant to the student’s education goals. While students can sometimes receive an immediate evaluation and decision from a counselor, the evaluation process can take 5-10 days for a decision. **To avoid taking classes they don’t need, students should start the AP score evaluation process with a counselor AS SOON AS POSSIBLE.**

#### Chemistry 10 Challenge Exam

Before enrolling in Chemistry 11, a student must either satisfactorily complete Chemistry 10 or pass the Chemistry 10 Challenge Exam. Please see the Assessment Center webpage ([smc.edu/assessment](http://smc.edu/assessment)) for testing hours and other information.

#### Math Proficiency Assessment (MPA)

All students who wish to earn an Associate degree must demonstrate proficiency in written communication and mathematics. Mathematics proficiency is demonstrated by:

1. Completing a minimum of an Intermediate Algebra course (equivalent to SMC’s Math 18, 20, 32, 49, 50) taught at an accredited college; or by
2. Taking the SMC Mathematics Assessment and placing into Intermediate Algebra (Math 18, 20, 32, 49, 50) or higher; or by
3. Taking and passing the SMC Mathematics Proficiency Assessment (MPA) administered by the Assessment Center.

PLEASE NOTE: Students meeting the mathematics graduation requirement using the above option 2 or option 3 must also complete one course from the Associate Degree General Education Requirements Area 4B (Language and Rationality).

To take the Math Proficiency Assessment, a student must first complete a minimum of 30 units of classes that meet Associate degree requirements. The Assessment Center will verify this at the time the student goes to take the MPA by reviewing the number of completed cumulative units indicated on the student’s SMC transcript. If a student has attended another college and will be using units from that college to meet the 30 unit requirement, it is the student’s responsibility to inform the Assessment Center and provide us with a valid transcript. The Math Proficiency Assessment is given during normal testing hours on a first-come, first-served basis only. Students must present a valid photo ID and SMC student ID number to take the MPA. Please visit the Assessment Center webpage ([smc.edu/assessment](http://smc.edu/assessment)) for information on the Math Proficiency Assessment contents and a study guide.

**The Mathematics Proficiency Assessment may be retaken ONE time only**, after a waiting period of eight (8) weeks after the student first took the MPA. Additional retesting will **not** be provided under any circumstances. Students should be sure to review and prepare for the MPA.

## Retesting Policy

Students may retest in English, ESL, math, and chemistry after a waiting period of two (2) weeks from the date they first took the test. After that, they are permitted to retest once each calendar year, but only if they have **not** started taking courses in the relevant subject. Students who enroll in any of those courses will forfeit their chance to retest. For the Math Proficiency Assessment, students may retest ONE time only after a waiting period of eight (8) weeks. See the Math Proficiency Assessment (MPA) section above for details.

## Expiration of Assessment Scores

All assessment results are valid for a period of one calendar year. Students should make sure they enroll in the courses their assessment results qualified them for **before** their assessment results expire. Once the results have expired, students will be blocked from enrolling in those courses and will need to retest.

## Identification Card Policy

A valid form of photo identification issued by a government agency (e.g., a passport, driver license, military ID), financial institution, or high school is REQUIRED for testing. The Assessment Center also reserves the right to request a secondary form of ID. A student ID card may be used ONLY as a secondary form of identification. PLEASE NOTE: All acts of impersonation, attempted impersonation, and/or the use of fraudulent ID cards or passports will be reported to Campus Police and Student Judicial Affairs for review and adjudication. Campus Police will refer all such cases to the Santa Monica City Attorney's Office for criminal prosecution.

## Orientation

To acquaint students with Santa Monica College's variety of programs, services, and activities, and to assist students in planning their educational endeavors, new students who intend to pursue a degree, Certificate of Achievement, transfer, or basic skills instruction are required to complete an Online Orientation program. Students can view the online program 24 hours a day, using any computer with a browser and Internet access (go to [smc.edu/orientation](http://smc.edu/orientation) for details).

The orientation program consists of several modules, and provides information on a wide range of topics, including:

- SMC's programs and services;
- How to obtain a Certificate of Achievement and/or an Associate degree;
- How to transfer to a four-year college or university;
- How to select first-semester courses;
- How to complete the enrollment process at SMC; and
- Strategies for becoming a successful student.

All first-time college students—as well as former SMC students who have been away from the College for four or more semesters—are required to complete the online orientation before they will be permitted to enroll in classes. Since the College's programs, policies, and procedures are

subject to change without notice, continuing students are strongly encouraged to review the orientation at the start of each semester.

For additional information about the orientation process, please drop by SMC's Welcome Center (located in Room 110 of the Cayton Center), see the Center's webpage ([smc.edu/welcomecenter](http://smc.edu/welcomecenter)), or call (310) 434-8101.

## Counseling & MyEdPlan

### Counseling

Santa Monica College provides counselors to assist students in sorting out and defining educational goals, then mapping out a plan to reach those goals. Counselors also recommend SMC student-support programs that can benefit students, help students who find themselves struggling to keep up with class requirements, and help students whose personal and/or school-related problems are interfering with their success and wellbeing.

All students are strongly encouraged to meet with a counselor when first arriving at SMC as a new student, and a meeting is also recommended at the start of each new academic term. *New students* should go to the Welcome Center, where they will find a wide variety of resources available. Assistance is offered on a first-arrival basis. During peak times, students should try to sign up in the Welcome Center before noon. More information about the Welcome Center can be found in the Special Programs and Support Services section of this catalog.

*Any student* may meet with a counselor at the Transfer/Counseling Center on a first-arrival basis at any time of year. During peak enrollment times, waits can be lengthy. During non-peak times, students may make half-hour counseling appointments by calling (310) 434-4210. More information about the Transfer/Counseling Center can be found in the Special Programs and Support Services section of this catalog.

### MyEdPlan

All first-time college students are required to complete an abbreviated or comprehensive education plan in order to enroll in courses their first term. Students are also required to complete a comprehensive education plan if they are students who will have either earned 15 degree-applicable units by the end of the term or will have completed a third semester (whichever comes first). Students can choose to complete their education plan with the help of a counselor, or they can go to [smc.edu/myedplan](http://smc.edu/myedplan) and complete their plan on their own.

MyEdPlan—an award-winning education-planning tool that allows students to create and edit an education plan online at any time—helps students plan for courses in the future, stay aware of major/program/degree requirements, sequence courses to meet prerequisites and corequisites, and track the progress made toward meeting education goals. MyEdPlan also allows a student to submit an education plan directly to a counselor for review.

To find out more about MyEdPlan, students can go to [smc.edu/myedplan](http://smc.edu/myedplan) to view a tutorial that prepares them to use the planning tool. Students may also sign up for an Online MyEdPlan Workshop by going to the "Corsair Connect" link

at [smc.edu](http://smc.edu) and clicking on “Online MyEdPlan Workshops” in the “SMC Quick Links” menu on the left side of the screen. MyEdPlan “Planning Your Future” In-Person Drop-In Workshops are also offered (see [smc.edu/myedplan](http://smc.edu/myedplan) for schedule).

## Enroll

To enroll at SMC, students should start by going to [smc.edu](http://smc.edu) and choosing their classes. The webpage provides links to a schedule planner, a searchable online class schedule, and course descriptions.

While students may enroll at any time after their enrollment date and time, they are encouraged to enroll as close to their assigned date and time as possible, since students who come after them in priority will quickly fill classes.

All enrollment transactions at SMC take place online via the “Corsair Connect” link at [smc.edu/cc](http://smc.edu/cc). Students may enroll from any location with Internet access, as well as from any computer in the Admissions Office lobby, the SMC Library, or the Cayton Computer Lab (which requires a valid A.S. sticker and password).

To enroll in classes—as well as add or drop classes—students should go to the “Corsair Connect” link at [smc.edu/cc](http://smc.edu/cc) and enter their Student ID number and password, then follow the instructions provided.

To confirm enrollment in the selected classes, students should click on “Transaction Receipt” in the menu on the left side of the screen, verify the information is correct, and print out a copy of the receipt. The printout is necessary to contest any discrepancies.

Additional enrollment details can be found in the “Enrollment” section the Schedule of Classes.

### ENROLLMENT PRIORITY

State and local regulations, combined with other factors, determine the order in which a student’s enrollment date and time are assigned. At SMC, enrollment priority is assigned in the following order:

1. Veterans, foster youth, homeless youth, DSPS, EOPS, CalWORKs, and students in selected SMC special programs.
2. Continuing students in good standing (not on academic or progress probation), starting with those closest to graduation (in descending order) who do not have excessive units; students who are part of our First Year Experience (FYE) program; and students with 89 or fewer semester units in descending order.
3. New students with a goal of transfer, Associate degree, or certificate who have completed SMC’s online orientation and assessment process, and who have an education plan (go to [smc.edu/myedplan](http://smc.edu/myedplan)).
4. Students with education goals other than a degree or transfer, and those holding Bachelor or higher degrees.
5. Continuing students not in good standing (have fewer than 90 units, plus two consecutive semesters on academic or progress probation); followed by students with 90 units or more (no probation); and

students with 90 units or more, plus two consecutive semesters on probation.

6. High school students in SMC’s Concurrent Enrollment program.

**Students may lose their priority enrollment status if they do not complete SMC’s assessment (go to [smc.edu/prep2test](http://smc.edu/prep2test)), online orientation (see [smc.edu/orientation](http://smc.edu/orientation)), or an abbreviated education plan (if a new student) or a comprehensive education plan (if a student who will have earned 15 degree-applicable units by the end of the term). Students may complete their education plans on their own (go to [smc.edu/myedplan](http://smc.edu/myedplan)) or with the assistance of a counselor. Students who are on academic or progress probation for two consecutive semesters/terms will also lose enrollment priority. For more information, please refer to [smc.edu/admissions](http://smc.edu/admissions) (click on ‘Policies & Procedures’).**

## Fees & Tuition

**IMPORTANT: All fees are subject to change without notice. Fees published in this catalog were current at the time the catalog went to press. See [smc.edu/fees](http://smc.edu/fees) for the latest details.**

The California residency status of students determines whether they are required to pay tuition *in addition to* enrollment and other fees. See the Residency information above for details on residency.

### ENROLLMENT FEE

ALL students—both resident and nonresident—enrolling in credit or graded classes must pay a State-mandated enrollment fee of \$46 per unit (*subject to change without notice*). Students who are California residents may be exempt from paying enrollment fees if they file an application and qualify for a BOG Fee Waiver. For more information about fee waivers and their eligibility requirements, visit [smc.edu/financialaid](http://smc.edu/financialaid) or contact the Financial Aid Office before starting enrollment procedures. NOTE: The BOG Fee Waiver does NOT cover the Health Services fee, Associated Students Activities fee, nonresident tuition, or upper division coursework fees.

### NONRESIDENT TUITION FEE

Students classified as NONresidents (including students who are citizens of a foreign country and hold only temporary resident status in the United States) are REQUIRED to pay tuition *in addition to enrollment and other fees*. Tuition for nonresidents is \$309 per semester unit (with \$46 enrollment fee, total is \$355 per semester unit). Tuition for students who qualify for an Assembly Bill 947 exemption is \$285 per semester unit (with \$46 enrollment fee, total is \$331 per semester unit). The mandatory tuition is subject to change without notice. See the residency requirements at [smc.edu/residency](http://smc.edu/residency) or contact the residence specialist in the Admissions Office for AB 947 exemption details.

For more information about fees for nonresident students, contact the residence clerk in the Admissions Office. To find current deadline dates for paying all fees or receiving refunds, students should check their class schedule at the “Corsair Connect” link at the SMC website ([smc.edu](http://smc.edu)), consult the College Policies section of the Schedule of Classes, or see the Fees webpage ([smc.edu/fees](http://smc.edu/fees)).



International students please note: The cost of tuition and fees is approximately \$9,500 a year (Spring and Fall semesters). For living expenses, it is estimated that students will need an additional \$17,500.

**IMPORTANT: Tuition and fees are subject to change without notice. Below is a breakdown of tuition and fees for each semester, calculated at the time this catalog went to press:**

|   |   |
|---|---|
| Nonresident tuition   | \$3,708 (\$309 per unit x 12 units)                                   |
| Enrollment fee  | \$552 (\$46 per unit x 12 units; subject to change)                   |
| Medical insurance   | \$600 (for 6 months)  |
| Other student fees<br>(Student ID card, Associated Student Activities, Health Services fee) | \$51.50   |
| <b>Total per semester</b>   | <b>\$4,911.50</b>   |
| <b>Total per academic year</b>  | <b>\$4,911.50 x 2 semesters = \$9,823</b><br>(fees subject to change) |

### UPPER DIVISION COURSEWORK FEE (B.S. IN INTERACTION DESIGN)

The mandatory upper division coursework fee *for students pursuing the Bachelor of Science degree in Interaction Design* is \$84 per graded unit. This fee is IN ADDITION TO the \$46 per unit enrollment fee, for a total of \$130 per graded unit for students classified as residents. Students classified as nonresidents must pay the mandatory upper division coursework fee of \$84 per graded unit *in addition* to the \$46 enrollment fee AND the \$309 tuition fee, for a total of \$439 per graded unit. Students who qualify for an Assembly Bill 947 exemption must pay the mandatory upper division coursework fee of \$84 per graded unit IN ADDITION TO the \$46 enrollment fee AND the \$285 tuition fee, for a total of \$415 per graded unit. Please note that BOG fee waivers do NOT cover upper division coursework fees.

### OTHER FEES

All students—both resident and nonresident—in credit or graded classes pay a \$51.50 fee during the Fall and Spring semesters (\$48.50 during Winter and Summer sessions). The fee includes \$19 (\$16 in Winter and Summer) for Health Services, \$13 for the SMC student ID card, and \$19.50 for Associated Students Activities fee. The Health Services fee is mandatory. The fees for the SMC student ID card and for Associated Students Activities are optional, but both provide special benefits.

### Health Services Fee

The mandatory fee of \$19 during the Fall and Spring semesters (\$16 during Winter and Summer sessions) provides a variety of health services to students. See the “Health Services Center” listing in the Special Programs & Support Services section of this catalog for details. Students who are exempt from paying the Health Services fee are:

- Students enrolled exclusively in noncredit or not-for-credit courses, or enrolled exclusively in online courses, and
- Students who declare through a personally-signed statement that they depend exclusively on prayer

for healing in accordance with the teachings of a bona fide religious sect (documentation of such an affiliation is required).

Students who are eligible for financial aid through the Financial Aid Office and who need assistance to pay this fee should contact the Financial Aid Office.

### Student ID Card & Associated Students Fee

The cost of the SMC student ID card is covered by the \$13 fee, and the Associated Students Activities \$19.50 fee funds activities and services (including the free “Any Line, Any Time” rides on the Big Blue Bus) for SMC’s entire student body. Both fees are optional. Students who do not wish to pay one or both of these fees should contact the Admissions Office or Bursar’s Office at time of enrollment.

The SMC student ID card is a photo ID that offers a convenient way to speed up checking out books and materials from the Library and the campus tutoring labs and learning resource centers. Students who pay all of the fees (including Associated Students Activities) can ride “Any Line, Any Time” for FREE on the Big Blue Bus by “activating” their student ID card at the Bursar’s Office, Admissions Office, and other campus locations (check the Schedule of Classes for specific details).

The Associated Students (AS) Activities fee supports more than 60 student clubs, along with student scholarships, a number of special events at SMC, and a variety of other activities that foster academic achievement, social interaction, and community involvement. The AS Activities fee also provides discounts on tickets purchased at the SMC Events office for selected movies, theme parks, and music, dance, and theater performances.

### Materials & Supplies Fees

Some classes require additional fees for materials and supplies. Students should consult the class listings in the Schedule of Classes to determine whether any such fees are required. Fees for materials and supplies are not refundable.

### ON-CAMPUS & SATELLITE CAMPUS PARKING DECALS

Students who wish to use the on-campus parking facilities at SMC’s main campus, the SMC Performing Arts Center, and the Center for Media and Design must purchase a parking decal. Funds from parking decal fees are used to maintain and improve the parking facilities.

Parking decal fees vary according to the time of year, and discounts are available for students who receive a BOG A Fee Waiver because they or their family receive benefits under CalWORKs/Temporary Aid to Needy Families (TANF) or SSI/SSP (Supplemental Security Income) or General Assistance/General Relief.

Parking at the SMC Airport Arts and Bundy campuses is FREE for students attending classes there, but requires a decal.

Parking at the SMC Bundy shuttle lot is FREE for SMC students, but requires a decal. Student parking decals are NOT valid for faculty/staff parking areas.

The display of a DMV accessible placard AND an SMC parking decal permits students to park in any accessible, student, or staff parking space.

Inter-campus shuttle service is FREE. In addition, SMC students who have paid their fees and “activated” their current SMC student ID card can ride ANY Big Blue Bus ANY time for FREE!

Cars with activated alarms in the SMC parking areas will be TOWED IMMEDIATELY at the car owner’s expense.

Please see the information at [smc.edu/transportation](http://smc.edu/transportation) or consult the Schedule of Classes for up-to-date information on parking decal requirements and fees, instructions on how to obtain a parking decal in person or online, inter-campus shuttle information, and links to commuter bus schedules and route maps.

### RETURNED PAYMENTS & OUTSTANDING BALANCES

Returned checks and rejected credit card payments are subject to a fee of up to \$25 and are taken care of at the Auxiliary Services Office, located at 1738 Pearl St. An administrative hold will be placed on a student’s records until the matter is resolved. A student who leaves SMC owing a balance and does not pay the amount owed will be responsible for paying all collection costs and/or attorney’s fees. This debt may also be reported to all three major credit bureaus.

### REFUNDS

For current refund deadline dates, go to the “Corsair Connect” link at the SMC website ([smc.edu](http://smc.edu)) and see the class schedule, or consult the College Policies section of the Schedule of Classes.

### Withdrawal Refund Schedule

#### Enrollment Fee

No refunds of enrollment fees are available to students who withdraw after the posted refund deadlines. Each class has its own refund and drop deadlines, which are posted on each student’s class schedule at Corsair Connect. Students who withdraw prior to this deadline will receive a 100% refund of enrollment fees, minus a processing charge of \$10. See the Fees webpage at [smc.edu/fees](http://smc.edu/fees) for more information on withdrawal refunds.

#### Nonresident Tuition

Nonresident students who withdraw from Santa Monica College before the published refund deadline will receive a 100% refund of their nonresident tuition, minus any relevant processing fees. Students should apply for tuition refunds at the Bursar’s Office.

#### Health Services, Student ID Card, & Activities Fees

Students who withdraw from Santa Monica College before the published refund deadline will receive a 100% refund of the \$19 Health Services fee for Fall or Spring semesters (\$16 for Winter or Summer sessions); however, the \$13 SMC student ID card fee and \$4.50 of the AS Activities fee are nonrefundable.

### On-Campus Parking Decal Fee

Parking decal fees are not refundable after the first 10% of the term. To obtain the refund, a student must present the parking decal and the receipt for it at the Bursar’s Office.

## Student Success and Support Program & Matriculation

### STUDENT SUCCESS AND SUPPORT PROGRAM PHILOSOPHY

Student success is the responsibility of the student and the institution, supported by well-coordinated and evidence-based student and instructional services to foster student academic success. The goal of the SMC Student Success and Support Program (SSSP) is to increase California community college student access and success through the provision of core matriculation services, including assessment and placement, orientation, counseling, advising, and other educational planning services to provide students with the support services necessary to assist them in achieving their education goal and identified course of study.

Following the submission of the admission application, all students will participate in the matriculation process unless specifically exempted from selected components of the process. Failure to fulfill the required components may result in a hold on a student’s enrollment or loss of enrollment priority until the services have been completed. The matriculation components consist of Assessment and Placement, Orientation, Counseling/Advising/Other Educational Planning Services/Education Plan Development (collectively known at SMC as Counseling), and Follow-Up Services for at-risk students.

### MATRICULANT STATUS

Matriculation status will be determined for all new students at the time they submit their application for admission to the College. Their status will be either “matriculant” or “exempt matriculant.” Students are considered matriculants if they are enrolling at Santa Monica College for the first time and their goal is to earn a degree at SMC, transfer to a four-year college or university, complete a certificate, pursue basic skills instruction, or are undecided about their goal.

Any student who is exempt from assessment and placement, orientation, and counseling will still be given the opportunity to participate in these services. Exempt students may be subjected to the loss of priority enrollment.

### Matriculant

After filing an application for admission to SMC, all students are required to participate in all parts of the matriculation process unless specifically exempted from particular components. Students who fail to complete required components will have their enrollment placed on hold or will lose their enrollment priority until the components have been completed. The matriculation components consist of assessment and placement, orientation, counseling (which includes counseling, advising, and other education plan-

ning services and education plan development), and a variety of follow-up services for at-risk students.

Students filing as matriculants must:

1. Complete the assessment for math and English or ESL, and if they wish to enroll directly in other courses with enforced prerequisites, complete the relevant challenge exam or prerequisite course(s);
2. Complete the orientation program provided online at [smc.edu/orient](http://smc.edu/orient) to become familiar with the College and its programs;
3. Arrange for transcripts of previous college work (or high school transcript if they have no previous college work) to be sent to the Admissions Office; and
4. Create an education plan prior to enrollment and receive academic counseling about class selections.

New college students must complete these procedures before they will be permitted to enroll in classes, and are encouraged to make arrangements to have the appropriate transcripts from other institutions sent directly to the Admissions Office. Transcripts should be received by SMC at least four weeks before the start of the semester. New applicants will receive a notice from the College specifying which matriculation steps are mandatory for them.

## MATRICULATION PROCESS & COMPONENTS

**Orientation:** Orientation informs students about the wide range of services and support that SMC provides, including academic counseling to help sort out education and career goals, health and psychological services, financial aid, scholarships, job referral services, tutoring services, and support programs for students with special needs. As a convenience for students, Santa Monica College provides its orientation program online, which may be accessed 24 hours a day at [smc.edu/orient](http://smc.edu/orient) using any computer with Internet access.

**Assessment of English, ESL, and math skills and of educational background:** To help students get the most out of their education by planning an education program that is realistic and in line with their level of academic preparation and experience, the College requires assessment of a student's skill in math and English or English as a Second Language (ESL). All new students at SMC are required to undergo assessment in these areas. Assessment in chemistry is required for students who wish to enroll directly into Chemistry 11, without taking the Chemistry 10 prerequisite course, and assessment is also required for waivers of prerequisites for selected life sciences courses (see a counselor for details). The assessment process helps students select education programs that are aligned to their level of academic preparation and experience.

Santa Monica College provides an online process to assist students in selecting an education goal and developing a course of study to reach that goal. Students have an opportunity to develop education plans that are either abbreviated or comprehensive.

**Abbreviated student education plans** are one-to-two academic terms in length and designed to meet the immediate needs of students.

**Comprehensive student education plans** take into account a student's interests, skills, career and education goals,

major, potential transfer institution(s), and the steps needed to complete the identified course of study. The comprehensive plan includes, but is not limited to, addressing the education goal and course of study requirements—such as the requirements for the major, transfer, certificate, program, and applicable course prerequisites or corequisites—as well as need for basic skills, assessment for placement results, and the need for referral to other support and instructional services when appropriate.

Santa Monica College requires that all matriculants develop an abbreviated education plan prior to enrollment in their first semester. After completing 15 degree-applicable semester units or prior to the end of their third semester, all matriculants are required to complete a comprehensive education plan.

**Definition and development of education goals:** While some students arrive at Santa Monica College with a very clear and firm idea of what their education goals are, most have several different areas they wish to explore or pursue, and others have no particular direction at all, often because they have too many different interests.

- **Students who are focused on a specific education goal and wish to pursue it in the most direct way possible:** These students design a study program that leads directly to their transfer to a four-year institution to pursue a specific major, or to their Associate degree, or to their certification in a vocational or occupational field.
- **Students with a variety of interests to explore before settling into one particular field:** Many students fall into this category. As they learn more about particular fields of study and their own capabilities in those fields, they become able to sort through their interests and eventually focus on a particular program of study.
- **Students truly undecided about what education goals to pursue:** These students need help to sort out their values, interests, and how their education will contribute to their life and future career.

**Academic counseling:** The College provides a professional staff of academic counselors to help students identify their education plan and how to pursue it. Counseling services vary according to a student's particular education goal. The Transfer/Counseling Center helps students develop an education plan that outlines the courses they need to meet a specific transfer, occupational certificate, or Associate degree goal. The Career Services Center at SMC assists students in sorting out potential majors and education goals.

**Other support services:** SMC provides a caring and committed faculty, Transfer/Counseling Center, Career Services Center, Latino Center, African American Collegian Center, International Education Center, athletic counseling, tutoring services, financial aid, and a number of other means to support students in their pursuit of higher education. These services are described in detail in the Programs & Services section of this catalog, online at the SMC website (see the Student Life & Services webpage at [smc.edu/student\\_life.html](http://smc.edu/student_life.html)), and in the Schedule of Classes.

## STUDENT MATRICULATION RESPONSIBILITIES

General student matriculation responsibilities include an obligation to:



1. Identify an education and career goal after completing the 15th unit of degree-applicable coursework, or before the end of the third semester, whichever comes first.
2. Engage diligently in course activities and complete assigned coursework; and;
3. Complete courses and maintain progress toward an education goal.

### SPECIAL MATRICULATION RESPONSIBILITIES

Santa Monica College requires certain types of students to accept special responsibilities if they wish to achieve their education and personal goals.

**Probationary Students:** Students on academic and/or progress probation must develop contracts with counselors for returning to good standing.

**Undeclared Students:** Students who have not declared education goals must meet with a counselor to develop a career or academic plan no later than the semester before enrolling for a 16th unit of credit at SMC.

**Students Enrolled in Pre-College Courses:** Students taking remedial courses must plan with their instructors the next course(s) in the instructional sequence, and develop a program with their counselors for the following semester.

### STUDENT MATRICULATION COMPLAINTS

Students may file formal written complaints about the matriculation process with the Matriculation Office. See the Student Complaints, Hearings, & Appeals section of this catalog for more information.

## Completion/Graduation Requirements

Santa Monica College grants the Associate degree to students who have successfully completed sixty (60) degree-applicable units—consisting of courses that meet State and local general education (GE) requirements, courses that fulfill requirements for a major, and elective courses—with a cumulative degree-applicable grade point average of C (2.0) or higher.

All college-level work (except basic skills and some religion courses) taken at regionally accredited two-year colleges (including Santa Monica College) and in the lower division of regionally accredited four-year colleges is counted when calculating the cumulative degree-applicable GPA and the sixty (60) degree-applicable units. Upper division, graduate, and professional courses from regionally accredited colleges will be applied toward the Associate degree as needed. Please see [smc.edu/articulation](http://smc.edu/articulation) for details.

Students planning to graduate should first make an appointment to meet with a counselor to verify that they are eligible for graduation.

Students **must** file a Petition for Graduation with the Admissions Office during the academic term in which they plan to complete requirements for graduation.

Santa Monica College policies authorize the College to confer a degree or certificate upon an eligible student without requiring a petition for the degree or certificate when the

student has stopped attending. The Admissions Office will notify potential awardees of its intent to confer the degree or certificate.

Honors at graduation will be awarded to students who have a cumulative degree-applicable grade point average of 3.0 or higher (including degree-applicable coursework completed at other regionally accredited colleges), who have completed a minimum of 12 units of coursework at SMC, *and* who are in good standing at the time they graduate.

### IN-RESIDENCE COURSE REQUIREMENTS

In addition to other academic requirements, in order to graduate with a degree or Certificate of Achievement from Santa Monica College, students must enroll in and successfully complete a minimum of twelve (12) degree-applicable units at SMC, and have official transcripts on file at SMC from ALL OTHER institutions where coursework is used. Official transcripts must be mailed directly to the SMC Admissions Office by the other institutions.

**At least 50% of the area of emphasis (major) units must be completed at Santa Monica College, except for the Associate Degree for Transfer and the IGETC and CSUGE Certificates.**

### PETITION FOR GRADUATION

Students planning to apply for graduation with a degree or Certificate of Achievement should first make an appointment with a counselor to verify that they are eligible for graduation. A student may complete EITHER the major requirements in effect at the time of the student's initial enrollment if the student has maintained continuous enrollment since then, OR the major requirements in effect at the time the student begins to maintain continuous enrollment, OR the major requirements in effect at the time of the student's graduation. (See page 56 for definition of continuous enrollment).

A Petition for Graduation must be submitted to the Admissions Office for approval during the semester in which the student expects to complete the requirements for graduation. **DEADLINES FOR FILING PETITIONS FOR GRADUATION (and for Certificates of Achievement) are:**

- For Spring semester graduation—Start of Winter session through April 15
- For Summer session graduation—Start of Summer session through July 31
- For Fall semester graduation—Start of Fall semester through December 1

Students who will complete their requirements for graduation during a Winter session will graduate the following Spring.

Students may petition for any number of degrees or certificates for which they are eligible.

The Petition for Graduation form is available online at [smc.edu/forms](http://smc.edu/forms) (click on the "Graduation Petition" link). Petitions are also available in the Admissions Office during the filing periods. Please note that petitions will be processed **ONLY** during the designated periods.

# Academics





## Santa Monica College Degrees & Certificates

Santa Monica College offers a comprehensive variety of degrees and certificates, as well as preparation for students to transfer to four-year colleges and universities. For a complete list of opportunities available, please see the Curricular Offerings table on page 55.

### PHILOSOPHY OF THE GENERAL EDUCATION REQUIREMENTS OF A SANTA MONICA COLLEGE DEGREE

The general education portion of degrees provides a diverse course of study that helps prepare students for participating in society as independent, educated adults. It directs them to compose a program of courses to develop a variety of important skills. These skills encompass knowledge of the diverse elements of their external and internal realities, and some understanding of their own and other cultural heritages.

Essential skills include writing and speaking for self-expression and effective communication, arithmetic skills as needed for solving the problems of everyday living, and critical thinking.

In addition to these skills, students gain knowledge of both the natural and social sciences, and of the methods

of inquiry appropriate to each. Included in this knowledge is an understanding of political organization and of historical perspective; a clearer concept of themselves as physical, emotional, and social beings, and an acquaintance with the effects of technology. Also, students learn to form aesthetic judgments about the artistic achievements of civilization.

See the General Education (GE) Patterns section (below) for details on the patterns acceptable for a degree from SMC.

### Global Citizenship Requirement

To fulfill the Global Citizenship requirement for a degree from Santa Monica College, students must successfully complete a minimum of 3 units from a list of courses approved with the Global Citizenship designation (see SMC GE Area V). These courses fall into one of the following five categories: American Cultures, Ecological Literacy, Genders and Sexualities, Global Studies, and Service Learning. These courses aim to provide an awareness of the diversity of cultures within the United States and/or an appreciation for the interconnectedness of cultural, ecological, economic, political, social, and technological systems of the contemporary world. This prepares students to make a responsible contribution to a rapidly changing global society.

Students pursuing an Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T) to the CSU system are *exempt* from the Global Citizenship requirement.



# Degree & Certificate Requirements

## BACCALAUREATE DEGREE REQUIREMENTS

A Baccalaureate degree is granted upon successful completion of a program of study with a minimum overall grade point average (GPA) of 2.0 (C) and a minimum of **120 semester units**, including:

- Completion of the major/area of emphasis with a grade of C or higher in each course (Title 5 §55063);
- Completion of at least 50% of area of emphasis units at Santa Monica College;
- Completion of one of the following general education patterns: CSU GE or IGETC;
- Completion of nine (9) semester units of upper division general education coursework with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher. Only three (3) of the nine (9) units may be taken on a Pass/No Pass basis (Title 5 §55063).

**PILOT PROGRAM STATUS:** Santa Monica College has been selected to participate in the pilot California Community College Baccalaureate degree program and now offers a Bachelor of Science (BS) degree in the field of Interaction Design. This program, created by the state legislature (SB 850), is currently scheduled to expire in June 2023. Students participating in the Baccalaureate degree pilot program **MUST** complete their degrees by the end of the 2022–23 academic year.

## ASSOCIATE DEGREE FOR TRANSFER (AA-T/AS-T) REQUIREMENTS

The Associate Degree for Transfer (AA-T/AS-T) is designed to facilitate transfer admission to a CSU campus in a similar major as a student has pursued at Santa Monica College. For the most current list of schools and similar majors, go to [calstate.edu/transfer/adt-search/search.html](http://calstate.edu/transfer/adt-search/search.html).

Students considering transfer to a UC, private, or out-of-state school should consult a counselor regarding that institution's transfer requirements.

An Associate Degree for Transfer is granted upon successful completion of a program of study with a minimum overall grade point average (GPA) of 2.0 (C) in all CSU-transferable coursework and a minimum of **60 CSU-transferable semester units**, including:

- Completion of the area of emphasis with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of one of the following general education patterns: CSU GE or IGETC. (*Please note: Students transferring to CSU must complete IGETC Area 1C.*);
- Completion of a minimum of 12 semester units of degree-applicable coursework at Santa Monica College.

Students interested in earning an Associate Degree for Transfer should consult with a counselor before enrolling for classes at SMC. Additionally, while a minimum GPA of 2.0 (C) is required for admission, some majors and campuses may require a higher GPA. Please consult with a counselor for details.

## ASSOCIATE DEGREE (AA/AS) REQUIREMENTS

An Associate degree is granted upon successful completion of a program of study with a minimum overall grade point average (GPA) of 2.0 (C) and a minimum of **60 degree-applicable semester units**, including:

- Completion of the area of emphasis with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of at least 50% of area of emphasis units at Santa Monica College;
- Completion of one of the following general education patterns: SMC GE, CSU GE, or IGETC;
- Completion of the SMC Global Citizenship graduation requirement.

## CERTIFICATE OF ACHIEVEMENT REQUIREMENTS

A Certificate of Achievement is granted upon successful completion of a program of study with a minimum overall grade point average (GPA) of 2.0 (C) and a **designated minimum number of units**, including:

- Completion of the area of emphasis with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of at least 50% of area of emphasis units at Santa Monica College.

## DEPARTMENT CERTIFICATE REQUIREMENTS

A Department Certificate is granted upon successful completion of a program of study with a **designated minimum number of units**, including:

- Completion of the area of emphasis with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of at least 50% of area of emphasis units at Santa Monica College.

Note: Department Certificates are not noted on student transcripts. Students must submit a petition to the relevant academic department to be awarded a Department Certificate.

## Catalog Rights

A student may satisfy the requirements of a degree or certificate by completing the general education and major/area of emphasis requirements in effect at any time of the student's *continuous* enrollment. Continuous enrollment is defined as enrollment in consecutive Fall and Spring semesters until completion.

## Transferring from Santa Monica College

Many students use Santa Monica College as the freshman and sophomore years of a four-year college plan. In fact, SMC is a leader in transferring students to four-year colleges and universities, including the UC and CSU systems. Each of these institutions has a list of courses that must be completed to satisfy its general education and lower division major requirements.

Students intending to transfer to a four-year institution should identify which transferable courses are required for both their major and general education. Students are strongly encouraged to meet with a counselor to develop an academic plan best suited for their transfer institution and intended major.

The following checklist should help a student establish transfer goals:

1. Identify admission requirements.
2. Identify general education requirements.
3. Identify preparation for the major.
4. Determine whether the major is “impacted.”
5. Determine the competitive GPA for the major.
6. Establish a relationship with a counselor who will help to make the student the most attractive applicant possible!

Santa Monica College offers courses similar to courses offered in the lower division (i.e., the first two years) of four-year colleges and universities. Course requirements for graduation vary from one institution to another, so it is to a student’s advantage to choose his or her transfer university or college as early as possible. Students are advised to complete the courses at SMC that best satisfy the lower-division course requirements of their transfer institution(s). Lower-division course requirements typically include a set of “general education” courses and a sequence of courses in the student’s chosen “major” field of study.

For transfer admission to the UC or CSU system, a student will need to complete 60 or more UC- or CSU-transferable semester units of study—with the required grade point average—by the end of the Spring semester for Fall admission, or by the end of the Fall semester for Spring admission. However, these institutions do not look only at the number of units that have been completed, they also look at how to apply those units to a student’s education goal (e.g., how many of the units meet the general education requirements, how many of these units meet the major requirements, etc.).

Admission requirements, course transferability, and course credit allowed will vary at private, out-of-state, or international colleges and universities. Students should consult the transfer school’s catalog for specific requirements and transferability or make an appointment with a SMC counselor or a university representative at the Transfer/Counseling Center to clarify admission standards.

For more up-to-date, detailed, or extensive information regarding transfer requirements, students are encouraged to drop by the Transfer/Counseling Center or visit the

website ([smc.edu/transfer](http://smc.edu/transfer)). Students can also access this information online (go to [assist.org](http://assist.org)). Students are invited to visit the Transfer/Counseling Center to discuss their transfer strategy with a counselor or with one of the representatives of colleges or universities, who periodically visit the Center. Various general education patterns for some of the most popular transfer institutions for Santa Monica College students are described below. Selected lower-division major requirements for some four-year institutions are included in the Academic Programs section of this catalog.

Students interested in transferring should also be aware of critical application filing periods and procedures. This information—as well as applications to most four-year institutions in California—can be obtained online at [smc.edu/transfer](http://smc.edu/transfer).

**PLEASE NOTE:** The requirements listed on the following pages are SUBJECT TO CHANGE WITHOUT NOTICE. For updated information, please check with your Santa Monica College counselor periodically, or look online at [smc.edu/transfer](http://smc.edu/transfer).

### TRANSFER/ARTICULATION AGREEMENTS

Articulation is the process of linking two educational institutions together to help students make a smooth transition—without experiencing a delay or duplication of coursework—from the community college to a four-year college or university.

Santa Monica College has worked out transfer (articulation) agreements with a wide variety of colleges and universities on how SMC’s units of credit will transfer. These agreements can contain general education requirements, lower-division major requirements, or both.

Students planning to transfer from Santa Monica College to a UC or CSU campus can find articulation information online (go to [assist.org](http://assist.org) or to [smc.edu/articulation](http://smc.edu/articulation)). ASSIST ([assist.org](http://assist.org)) is a database that contains information on lower-division major requirements and general education requirements for UC and CSU campuses and their equivalent at the community college. Students are strongly encouraged, and will probably find it much easier, to use the assistance of a counselor at the Transfer/Counseling Center.

Santa Monica College has articulation agreements with the following institutions of higher education:

#### University of California

- UC Berkeley
- UC Davis
- UC Irvine
- UC Los Angeles
- UC Merced
- UC Riverside
- UC San Diego
- UC San Francisco
- School of Dentistry
- School of Pharmacy
- UC Santa Barbara
- UC Santa Cruz

#### California State University

- Bakersfield
- Channel Islands
- Chico

- Dominguez Hills
- East Bay
- Fresno
- Fullerton
- Humboldt (Humboldt State)
- Long Beach
- Los Angeles
- Maritime
- Monterey Bay
- Northridge
- Pomona (CalPoly, Pomona)
- Sacramento
- San Bernardino
- San Diego
- San Francisco (San Francisco State)
- San José (San José State)
- Sonoma (Sonoma State)
- San Luis Obispo (CalPoly, SLO)
- San Marcos
- Stanislaus

### **Private Colleges/Universities – California**

- Academy of Art University, San Francisco
- Alliant International University
- American Jewish University (formerly University of Judaism)
- Antioch University Los Angeles
- Argosy University – Orange campus
- Art Center College of Design
- Art Institute of California, a College of Argosy University
- Ashford University
- Azusa Pacific University
- Biola University
- Brandman University
- California College of The Arts
- California Institute of the Arts (CalArts)
- California Lutheran University
- Charles R. Drew University
- DeVry University
- Fashion Institute of Design and Merchandising (FIDM)
- Kaplan University
- Los Angeles Film School (Please note: Not regionally accredited. Please see a counselor for details.)
- Loyola Marymount University (LMU)
- Mills College
- Mount Saint Mary's University
- National University
- New School of Architecture and Design
- New York Film Academy Los Angeles (Please note: Not regionally accredited. Please see a counselor for details.)
- Notre Dame de Namur University
- Otis College of Art & Design
- Pacific Oaks College
- Pepperdine University
- Graziadio School of Business and Management
- Seaver College
- Palo Alto University
- Point Loma Nazarene University
- Saint Mary's College of California
- Scripps College
- Southern California University of Health Sciences (formerly Los Angeles College of Chiropractic)
- University of La Verne

- University of Phoenix
- University of Redlands
- University of San Francisco
- University of Southern California (USC)
- School of Pharmacy
- Viterbi School of Engineering
- Whittier College

### **Out-of-State Colleges/Universities:**

- The Art Institute of Colorado (CO)
- Arizona State University and Arizona State University Online (AZ)
- Kansas City Art Institute (MO)
- LIM College (NY)
- Oregon State University (OR)
- Polytechnic University (NY)
- Regis University (CO)
- Savannah College of Art & Design (GA)
- Smith College (MA)
- Syracuse University (NY)
- University of Hawai'i Manoa (HI)
- University of Massachusetts Lowell (MA)
- University of Nevada, Reno (NV)
- University of New Mexico (NM)
- University of Oregon (OR)
- Walden University Online (MN)
- Western Oregon University (OR)

### **International Universities**

- Athabasca University, Canada
- American University of Paris
- Anglia Ruskin University, Cambridge, England
- Bath Spa University, Bath, England
- John Cabot University, Rome, Italy
- Macquarie University, Australia
- Middlesex University, London, England
- University of Gloucestershire, United Kingdom
- University of Otago, New Zealand

### **Online Bachelor Degrees**

- Cal State Online
- Alliant International University
- Athabasca University, Canada
- Arizona State University
- The City University of New York (CUNY) – School of Professional Studies
- Kaplan University
- National University – Los Angeles Campus
- Pepperdine University – Graziadio School of Business and Management
- Regis University
- TUI University

Students are strongly advised to gather as much information as possible about their chosen transfer college or university. Counselors will assist students with the transfer process, including appropriate course selection and information regarding the admission process and requirements. However, it is up to each individual student—working with a counselor—to decide upon an educational goal, to take responsibility for devising a long-range educational plan to achieve that goal, to read the catalog of his or her chosen transfer institution, and then to choose the appropriate Santa Monica College courses to satisfy the requirements for transfer to that college or university.



## GENERAL EDUCATION REQUIREMENTS AND TRANSFER

Nearly every college and university requires the completion of a series of lower-division general education courses prior to awarding their bachelor's degrees. Santa Monica College offers a selection of general education courses broad enough to satisfy almost any lower division general education graduation requirement. However, each college and university has a unique pattern that it requires of its students.

Because there are numerous general education patterns, all students SHOULD see a counselor to determine which pattern is best for them and to develop an appropriate transfer course plan. Students are urged NOT to attempt to plan a transfer without professional advice.

The fact that so many different patterns exist creates some problems for the community college transfer student. Fortunately, students at a California Community College may use the Intersegmental General Education Transfer Curriculum (IGETC) to fulfill lower-division general education requirements for almost all schools in either the CSU or UC system. Alternatively, CSU has developed a general education pattern (CSU GE) for community college transfer students that meets the lower-division general education requirements for all of the CSU campuses.

Completion of IGETC or CSU GE does NOT constitute completion of all admission requirements. Please consult with an SMC counselor to develop a comprehensive transfer strategy. Courses approved for IGETC are designated as such in the course description. Students should refer to [assist.org](http://assist.org) for further information.

The IGETC and CSU GE patterns can be found in the General Education (GE) Patterns section of this catalog or online at [smc.edu/articulation](http://smc.edu/articulation).

### General Education Certification

"General Education Certification" means that SMC has verified that a student has completed the lower-division general education requirements, and this guarantees that no additional lower-division general education courses can be imposed on a student as a condition of graduation. "Certified" community college students are deemed to have satisfied the lower-division general education requirements of their chosen transfer institution. "Uncertified" UC and CSU transfer students will have their transfer coursework applied to the graduation requirements of their new UC or CSU campus, but may find that they must complete more lower-division general education units than are required of a "certified" transfer. For this reason, "fully certified" transfer is strongly recommended. NOTE: Students transferring to a CSU should be aware that nine (9) units of upper-division general education courses must be completed after transfer.

Santa Monica College is authorized to certify students who have satisfactorily completed the required courses. This includes not only courses taken at SMC, but also selected coursework taken at other regionally-accredited colleges and universities through a process called "pass along certification." As a result, it is critically important for every student who transfers into SMC from another college or university to have official transcripts sent directly from the

other institution(s) to SMC's Admissions Office. Please see an SMC counselor for assistance.

### IGETC Certification

When Santa Monica College is a student's last/most recent school of attendance, SMC can certify the completion of the Intersegmental General Education Transfer Curriculum (IGETC), which satisfies the lower-division general education requirements for both UC and CSU transfer students. All IGETC coursework MUST be completed before a student's transfer to receive "Full IGETC Certification." Students will receive "Partial IGETC Certification" if they are missing no more than two courses from the IGETC pattern.

### CSU GE Certification

The California State University (CSU) system will extend "Full CSU GE Certification" to students who have completed all sections of the CSU General Education Pattern. "Partial CSU GE Certification" is awarded for completion of one or more, but not all of the five general education subsections. CSU Certification should be requested during a student's last semester at Santa Monica College. If a student is only partially certified, most CSU campuses will allow the students to work on attaining full certification by taking SMC courses during an inter-session or during concurrent SMC-CSU enrollment.

### Requesting Certification

Students whose transfer plan is the IGETC or the CSU General Education Pattern should request certification after they have selected and committed to attend a four-year institution. Requests for certification should be filed in the Admissions Office during these dates (requests will be processed ONLY during these periods):

Fall semester – October 1 to December 1

Spring semester – January 1 to July 31

*Students are responsible for making the request for certification. Santa Monica College does not automatically certify. Certification request forms are available online at [smc.edu/forms](http://smc.edu/forms) and in the Admissions Office. A minimal processing fee will be assessed (consult the Admissions Office website for details).*

PLEASE NOTE: IGETC or CSU GE certification from SMC might not be completed by the transfer college's published deadline for submission of application transcripts. Students should NOT depend on this process for submission of transcripts. A submitted certification request does not automatically include a transcript submission to the transfer college. A separate transcript order is recommended.

### TRANSFER TO THE UNIVERSITY OF CALIFORNIA (UC) SYSTEM

Santa Monica College takes great pride in leading the state in the number of students who successfully transfer to the UC system. This system has ten campuses, the following nine of which have undergraduate programs: UC Berkeley, UC Davis, UC Irvine, UCLA, UC Merced, UC Riverside, UC San Diego, UC Santa Barbara, and UC Santa Cruz. Admissions representatives from UC campuses visit SMC's Transfer/Counseling Center on a regular basis. Stop by the Center to obtain a calendar of these scheduled visits, or check online at [smc.edu/transfer](http://smc.edu/transfer).

## UC Applications

UC applications are available August 1.

Applications for admission to the UC system are available online at [admissions.universityofcalifornia.edu](http://admissions.universityofcalifornia.edu). California community college students receive admission priority compared to other transfer applicants, and several of the UC campuses offer guaranteed admission to well-prepared transfer students. The Transfer Admission Planner (UC TAP)—at [admission.universityofcalifornia.edu/transfer/transfer-admission-planner](http://admission.universityofcalifornia.edu/transfer/transfer-admission-planner)—is an online tool that can help students plan and monitor progress towards transferring to a UC Campus. Because the pool of students applying to the UC varies each year, the level of academic performance for admission to a campus or to a major will vary as well. Variables such as the number of applicants, their academic qualifications, and the number of spaces available can impact acceptance rates.

### UC Priority Application Filing Period

| To Attend: | Apply:        |
|------------|---------------|
| Fall       | November 1-30 |
| Winter     | July 1-31     |
| Spring     | October 1-31  |

All UC campuses accept applications for Fall admission. To determine which UC campuses accept in Winter and/or Spring, call the specific campuses or see [universityofcalifornia.edu/admissions](http://universityofcalifornia.edu/admissions) for details.

### Transfer Admission Requirements for the University of California (UC)

The minimum requirements for UC transfer admission can be found at [admission.universityofcalifornia.edu/transfer](http://admission.universityofcalifornia.edu/transfer). These include:

- Complete the following 7-course pattern by the end of the spring term prior to fall enrollment at UC:
  - Two transferable courses in English composition;
  - One transferable course in mathematical concepts and quantitative reasoning;
  - Four transferable college courses chosen from at least two of the following subject areas:
    - arts and humanities
    - social and behavioral sciences
    - physical and biological sciences
- Complete at least 60 semester (90 quarter) units of UC-transferable credit. No more than 14 semester (21 quarter) units of the 60 semester (90 quarter) units may be taken pass/fail or credit/no credit. **Courses designated “UC” in the course description will transfer as baccalaureate credit for at least elective credit to the University of California.** Students should refer to [assist.org](http://assist.org) for further information.
- Earn at least a 2.4 GPA in UC-transferable courses (2.8 if student is a nonresident) and be in good standing at the last college or university attended. NOTE: Some majors require a higher GPA for admission selection and a higher grade point average is required to be a **more academically attractive** transfer applicant to most UC campuses.

All branches of the University of California allow up to 70 transferable semester units from a community college. Students who have already completed 70 or more transferable semester units at a community college may still complete courses for credit (e.g., to finish IGETC or major

requirements) at a community college, but will not be able to transfer more than 70 semester units of credit to the University of California. Please note: all UC-transferable units will be included in the GPA calculation and analyzed for subject credit.

Students are advised to visit SMC’s Transfer/Counseling Center for a realistic estimate of the current grade point average actually required for admission to various major programs at various UC campuses, and to verify the most appropriate lower-division general education pattern for their goal.

### Beyond the Minimum: An Academically Attractive Applicant for UC

The University of California tries to provide a place on one of its campuses for all California resident applicants who meet the minimum admission requirements and file an application during the appropriate filing period.

In recent years, the number of applicants for some campuses and some majors has far exceeded the number of spaces available. When a campus cannot accept all eligible applicants, it uses standards that are more demanding than the minimum requirements to select students. These criteria are:

- Completion of a specified pattern of courses that provide continuity with upper-division courses in the major;
- Completion of a specified pattern of courses that meet general education or breadth requirements;
- Attainment of a specified GPA in all transferable courses;
- Participation in academically selective honors courses or programs;
- Special talents, achievements, and awards in a particular field, such as the visual and performing arts or in athletic endeavors; special skills, such as demonstrated written and oral proficiency in other languages; special interests such as intensive study and exploration of other cultures; or experiences that demonstrate unusual promise for leadership, such as significant community service or significant participation in student government; or significant experiences or achievements that demonstrate the applicant’s promise for contributing to the intellectual vitality of a campus.

### UC General Education Requirements

There are two ways for a student to complete general education requirements for the UC system: (1) complete the general education pattern specific to a particular UC campus, **or** (2) complete the IGETC. Please see above for important information regarding IGETC Certification. NOTE: SMC does not accept foreign coursework from non-US regionally accredited institutions to meet general education requirements.

### UC Impacted Majors

Some majors at UC campuses are highly competitive, or “impacted.” This means that certain courses in the major must be completed with achievement of a high GPA prior to transfer. Please consult with SMC’s Transfer/Counseling Center for details.

## TRANSFER TO THE CALIFORNIA STATE UNIVERSITY (CSU) SYSTEM

Santa Monica College transfers an impressive number of students to the California State University system, which consists of 23 campuses located throughout the state. Admission representatives from local CSU campuses visit SMC's Transfer/Counseling Center on a regular basis. Please check with the Center for more detailed information.

### CSU Applications

Applications for admission to the CSU system are available online at [calstate.edu/apply](http://calstate.edu/apply). Applications to impacted programs must be filed during the priority-filing period, which is the first month applications are accepted for a given term. Many CSU campuses are approaching capacity in a number of academic disciplines, and they are likely to stop accepting applications for admission after the first month of the filing period. Campuses that are less impacted may accept applications up to one month prior to the opening day of the term, although individual programs may close earlier. Applications should be filed as early in the filing period as possible to ensure priority consideration!

### CSU Priority Application Filing Periods

Students are encouraged to attend an application workshop before beginning application procedures. The priority application filing periods are:

**Quarter System Campuses**    **Semester System Campuses**

*Summer Quarter:* Feb 1–28    *Fall Semester:* Oct 1 – Nov 30

*Fall Quarter:* Oct 1 – Nov 30    *Spring Semester:* Aug 1–31

*Winter Quarter:* June 1–30

*Spring Quarter:* Aug 1–31

### Transfer Admission Requirements for the California State University (CSU)

The minimum requirements for CSU transfer admission can be found at [calstate.edu/apply](http://calstate.edu/apply). They include:

- Complete a minimum of 30 semester units of CSU GE courses.
  - The following areas of the CSU GE pattern MUST be completed for admission and the courses satisfying these areas must be completed with a grade of C- or better: CSU GE Areas A1, A2, A3, and B4.
- Complete 60 semester/90 quarter CSU-transferable units, including a minimum of 30 semester/45 quarter units in general education courses. **Courses designated "CSU" in the course description have been determined by Santa Monica College to be baccalaureate-appropriate and acceptable for transfer to the California State University as at least elective credit.** Students should refer to [assist.org](http://assist.org) for further information.
- Earn at least a 2.0 GPA in CSU-transferable courses and be in good standing at the last college or university attended. NOTE: Some majors require a higher GPA for admission selection and a higher grade point average is required to be a **more academically attractive** transfer applicant to most UC campuses.

Prior to transfer, it is strongly recommended that students complete the IGETC or CSU GE pattern in full, including

the American Institution graduation requirement. Certain programs have more applicants than there are spaces available. These "impacted programs" have additional screening requirements. Please see an SMC counselor or visit [smc.edu/articulation](http://smc.edu/articulation) for details.

### CSU General Education Requirements

Students may follow either the CSU GE pattern or the IGETC pattern to meet lower-division general education requirements for the CSU system. Please see above for important information regarding CSU GE or IGETC Certification. NOTE: SMC does not accept foreign coursework from non-US regionally accredited institutions to meet general education requirements.

### Associate Degrees for Transfer to the CSU System

The Student Transfer Achievement Reform Act (California Education Code §§ 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an "associate degree for transfer," which is a newly established variation of the Associate degrees traditionally offered at a California community college. The Associate Degree for Transfer (ADT)—awarded as either the Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T)—is intended for students who plan to complete a Bachelor's degree in a similar major at a CSU campus. Students completing the ADT degree program are guaranteed admission to the CSU system, but NOT to a particular campus or major.

The Associate Degree for Transfer (AA-T/AS-T) is designed to facilitate transfer admission to a CSU campus in a similar major as a student has pursued at Santa Monica College. Students considering transfer to a UC, private, or out-of-state school should consult a counselor regarding that institution's transfer requirements.

### Associate Degree for Transfer Requirements

Completion of at least 60 CSU-transferable semester units including:

- Completion of the Area of Emphasis with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of either CSU GE or IGETC; students transferring to CSU using IGETC must complete Area 1C (see [smc.edu/articulation](http://smc.edu/articulation) or visit the Transfer/Counseling Center);
- A minimum of 12 degree applicable semester units completed at SMC;
- A minimum overall GPA of 2.0 in all CSU-transferable units (Note: While a minimum GPA of 2.0 is required for admission to the CSU, some majors/campuses may require a higher GPA. Nonresident and international students may be required to have a higher minimum GPA. For more information consult a counselor.)

### Associate Degree for Transfer Available at SMC

Students at Santa Monica College may earn an Associate degree for Transfer in:

- Anthropology (AA-T)

- Art History (AA-T)
- Business Administration (AS-T)
- Communication Studies (AA-T)
- Early Childhood Education (AS-T)
- Economics (AA-T)
- Geography (AA-T)
- History (AA-T)
- Journalism (AA-T)
- Kinesiology (AA-T)
- Mathematics (AS-T)
- Nutrition and Dietetics (AS-T)
- Political Science (AA-T)
- Spanish (AA-T)
- Studio Arts (AA-T)
- Theatre Arts (AA-T)

Additional majors are being developed. Please see a counselor or visit [smc.edu/articulation](http://smc.edu/articulation) for more information.

### **COURSE IDENTIFICATION SYSTEM (C-ID)**

The Course Identification Numbering System—referred to as C-ID—is a common numbering system used to identify comparable courses at different California community colleges. A course with a C-ID will generally be accepted at participating California community colleges and California State University (CSU) campuses.

For example, Geography 1 is listed with a C-ID of GEOG 110 in the SMC schedule of classes and catalog. As a result, students can be assured that Geography 1 will generally be accepted as equivalent to courses with GEOG 110 as the C-ID at other California community colleges and the CSU campuses.

Many of the transferable courses students need to complete for the Associate in Arts for Transfer to CSU (AA-T) or Associate in Science for Transfer to CSU (AS-T) will have a C-ID designation. C-ID is also useful for students who attend—or have attended—more than one California community college.

Students, however, should *always* confirm how each college's course will be accepted for transfer credit at a particular four-year college or university, as course requirements may change, and courses may be modified and added to or deleted from the C-ID data-base. Students can consult the ASSIST database at [assist.org](http://assist.org) to find out how each college's course will be accepted, but will find it more efficient, convenient, and helpful to check with a counselor to determine how C-ID courses fit into their educational plans for transfer.



# General Education (GE) Patterns

## INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

The Intersegmental General Education Transfer Curriculum (IGETC) is a general education program that community college transfer students may use to fulfill lower-division general education requirements in either the UC or the CSU system without the need, after transfer, to take additional lower-division general education courses. The IGETC pattern is most useful for students who want to keep their options open before making a final decision about transferring to a particular UC or CSU campus. Completion of IGETC does NOT guarantee admission, nor is it required for admission.

Some students may be better served by taking courses that fulfill the CSU General Education-Breadth requirements or the requirements of the UC campus or other college to which they plan to transfer. Students pursuing majors that require extensive lower-division major preparation may not find the IGETC option to be advantageous. Engineering, Architecture, and Liberal Studies are examples of those majors. UC San Diego Colleges of Roosevelt and Revelle, UC Berkeley Haas School of Business and College of Environmental Design (Architecture & Landscape Architecture majors) will not accept the IGETC. Schools of Engineering do not generally recommend the IGETC. Before selecting any courses, please see a counselor for assistance in planning your program.

Courses completed at a California Community College will be applied to the subject area in which they were listed by the institution where the work was completed. Coursework from other United States regionally accredited institutions may be used on IGETC. Coursework must be evaluated by a counselor. All courses must be completed with a grade of C (2.0) or higher. A "Credit" or "Pass" that is defined by institutional policy as being equivalent to a grade of C (2.0) or higher may be applied to meet IGETC requirements. **Foreign coursework from non-US regionally accredited institutions may not be used.** Course credit earned on the basis of acceptable scores on Advanced Placement (AP) or International Baccalaureate (IB) exams can be applied toward IGETC certification (see the charts at the end of this chapter for a list of acceptable AP/IB courses and scores.)

**Important:** All courses must be completed with grades of C (2.0) or higher. Courses used to meet IGETC requirements must have a minimum of 3 semester or 4 quarter units. (Exceptions may be made for English Composition and math. See a counselor for details.)

For information regarding "IGETC Certification" see the Transfer section of the catalog.

**The private and out-of-state colleges and universities below will accept the completed IGETC to meet their lower division general education requirements.**

- AICU
- Alliant International University (formerly United States International University)
- American University of Paris, France
- Arizona State University
- Biola University
- California College for the Arts
- California Lutheran University
- Chapman University
- City University of London, England
- Cogswell Polytechnical College
- Concordia University
- Dominican College of San Rafael
- Hawaii Pacific University
- Holy Names College
- JFK University
- John Cabot University, Rome, Italy
- Menlo College
- National University
- Northern Arizona University
- Notre Dame de Namur University (formerly College of Notre Dame)
- Oregon State University
- Saint Mary's College of California
- Scripps College
- Southern University – Baton Rouge (LA)
- University of La Verne
- University of Northern Colorado
- University of San Francisco
- University of the Pacific
- University of the West
- Vanguard University of Southern California
- Woodbury University

## INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) REQUIREMENTS

All courses must be completed with a grade of C (2.0) or higher. Courses used to meet IGETC requirements must have a minimum of 3 semester or 4 quarter units. (Exceptions may be made for English Composition and Math. See a counselor for details.)

### KEY TO SYMBOLS USED

|   |   |
|---|---|
| ("same as..." or "formerly same as...") | Courses which are (or were previously) offered in more than one discipline (cross-listed). Students may receive credit for only one of the cross-listed courses. See course descriptions for details. |
| ∇                                       | Course is listed in more than one GE area, but cannot be used to satisfy requirements in more than one area.  |
| <                                       | Transfer credit may be limited by UC, CSU or both.  |
| ( )                                     | Course in parenthesis is no longer offered.   |
| GC                                      | Course satisfies SMC's Global Citizenship Degree Requirement  |

### AREA 1: ENGLISH COMMUNICATION

**GROUP 1A: ENGLISH COMPOSITION** (Required for UC and CSU): 1 course (3 semester/4-5 quarter units)

- ENGL 1

**GROUP 1B: CRITICAL THINKING** (Required for UC and CSU): 1 course (3 semester/4-5 quarter units)

- ENGL 2<sup>∇</sup>
- HIST 47<sup>∇</sup> (satisfies area if completed Fall 2012 or later)

**GROUP 1C: ORAL COMMUNICATION** (Required of CSU only) 1 course (3 semester/4-5 quarter units)

- COM ST 11 (formerly Speech 1), 12<sup>∇</sup> (formerly Speech 2), 16 (formerly Speech 6), 21 (formerly Speech 11)

### AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING:

1 course (3 semester/4-5 quarter units)

- CS (10) (formerly same as MATH 10)
- MATH 2<sup><</sup>, 7<sup><</sup>, 8<sup><</sup>, 10 (formerly same as CS 10), 11, 13, 15, 21, 26<sup><</sup>, 28<sup><</sup>, 29<sup><</sup>, 54

### AREA 3: ARTS AND HUMANITIES:

3 courses (9 semester/12 quarter units), with at least one course from Group A (Arts) and one course from Group B (Humanities):

**GROUP A: ART** (at least one course)

- AHIS 1, 2, 3, 5, 6<sup>GC</sup>, 11<sup>GC</sup>, 15, 17, 18<sup>∇</sup>, 21, 22, 52 (same as PHOTO 52), 71, 72<sup>GC</sup>
- DANCE 2<sup>GC</sup>, 5
- ENGL 55<sup>∇</sup> (formerly same as TH ART 7)
- FILM 1, 2, 6<sup>∇</sup>, 8
- MUSIC 1<sup><</sup>, 30, 31, 32, 33<sup>GC</sup>, (35), 36<sup>GC</sup>, 37<sup>GC</sup>, 39
- PHOTO 52 (same as AHIS 52)
- TH ART 2, 5, (7)<sup>∇</sup> (formerly same as ENGL 55)

**GROUP B: HUMANITIES** (at least one course)

- ASL 2
- AHIS 18<sup>∇</sup>
- CHINESE 2, 3, 4, 9
- COM ST 12<sup>∇</sup> (formerly Speech 2)
- ECON 15<sup>∇</sup> (same as HIST 15)
- ENGL 2<sup>∇</sup> (satisfies area if completed Fall 2015 or later), 3, 4, 5, 6, 7, 8, 9<sup>GC</sup>, 10<sup>GC</sup>, (11) (formerly same as FILM 11), 14, 15, 17, 26 (same as HUM 26), 34, 38, 39, 40, 41, 45, 49<sup>GC</sup>, 50, 51 (same as REL ST 51), 52 (same as REL ST 52), 53, 54, 55<sup>∇</sup> (formerly same as TH ART 7), 56, 57, 58, 59, 61
- ENVRN 20<sup>GC</sup> (same as PHILOS 20),
- FILM 5, 6<sup>∇</sup>, 7<sup>GC</sup>, 11 (formerly same as ENGL 11)
- FRENCH 2, 3, 4
- GERMAN 2, 3, 4
- HEBREW 2, 3, 4
- HIST 1, 2, 3, 4, 5, 6<sup>GC</sup>, 10<sup>GC</sup>, 11<sup>∇</sup>, 12<sup>∇</sup>, 13, 15<sup>∇</sup> (same as ECON 15), 16, 19, 20, 21, 22, 24, 25<sup>GC</sup> (satisfies GC requirement if completed Fall 2014 or later), 26, 28, 29, 33, 34<sup>GC</sup> (satisfies GC requirement if completed Fall 2014 or later), 38, 39<sup>GC</sup> (satisfies GC requirement if completed Fall 2014 or later), 41, 43, (45), (46), (48)<sup>∇</sup> (formerly same as PHILOS 48), 52, 53, 55<sup>∇</sup>, 62
- HUM 26 (same as ENGL 26)
- ITAL 2, 3, 4
- JAPAN 2, 3, 4, 9
- KOREAN 2, 3, 4
- LING 1<sup>GC</sup> (satisfies area if completed Fall 2014 or later)
- PERSIN 2
- PHILOS 1, 2, 3, 4, 5, 6, 10, 11, 20<sup>GC</sup> (same as ENVRN 20), 22, 23, 24, 48<sup>∇</sup> (formerly same as HIST 48), 51<sup>∇</sup> (same as POL SC 51), 52<sup>∇</sup> (same as POL SC 52)
- POL SC 51<sup>∇</sup> (same as PHILOS 51), 52<sup>∇</sup> (same as PHILOS 52)
- REL ST 51 (same as ENGL 51), 52 (same as ENGL 52)
- RUSS 2
- SPAN 2, 3, 4, 9, 12, 20<sup>∇</sup>
- TH ART (7)<sup>∇</sup> (formerly same as ENGL 55)

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**AREA 4: SOCIAL AND BEHAVIORAL SCIENCES (9 semester/12 quarter units):**

3 courses selected from at least 2 Groups:

**GROUP 1:**

- ANTHRO 2<sup>GC</sup>, 3<sup>S</sup>, 4<sup>C</sup> (satisfies area if completed Fall 2014 or later), 7, 14<sup>GC</sup>, 19<sup>GC</sup>, 20, 21<sup>GC</sup>, 22

**GROUP 2:**

- ASTRON 6<sup>GC</sup>

**GROUP 3:**

- COM ST 9, 30, 31, 35 (formerly Speech 5), 36, 37<sup>GC</sup> (formerly Speech 7)

**GROUP 4:**

- ECE 11<sup>GC</sup> (satisfies area if completed Fall 2010 or later)

**GROUP 5:**

- ECON 1, 2, 5<sup>GC</sup> (same as GLOBAL 5 and POL SC 5), 6, 15<sup>V</sup> (same as HIST 15)
- GLOBAL 5<sup>GC</sup> (same as ECON 5 and POL SC 5)
- HIST 15<sup>V</sup> (same as ECON 15)
- POL SC 5<sup>GC</sup> (same as ECON 5 and GLOBAL 5)

**GROUP 6:**

- GEOG 2, 7<sup>GC</sup> (same as ENVRN 7), 8 (same as URBAN 8), 11<sup>GC</sup> (same as GLOBAL 11), 14<sup>GC</sup>
- ENVRN 7<sup>GC</sup> (same as GEOG 7)
- GLOBAL 11<sup>GC</sup> (same as GEOG 11)
- URBAN 8 (same as GEOG 8)

**GROUP 7:**

- GLOBAL 10<sup>GC</sup>

**GROUP 8:**

- HIST 10<sup>GC</sup><sup>V</sup> (satisfies area if completed Fall 2013 or later), 11<sup>V</sup> (satisfies area if completed Fall 2013 or later), 12<sup>V</sup> (satisfies area if completed Fall 2013 or later), 14<sup>GC</sup> (same as ENVRN 14), 32<sup>GC</sup> (same as ENVRN 32), 42, 47<sup>V</sup>, 55<sup>V</sup>
- ENVRN 14<sup>GC</sup> (same as HIST 14), 32<sup>GC</sup> (same as HIST 32)

**GROUP 9:**

- MEDIA 1 (formerly Communication 1), 3<sup>GC</sup> (same as GLOBAL 3), 4, 10<sup>GC</sup> (formerly Communication 10)
- GLOBAL 3<sup>GC</sup> (same as MEDIA 3)

**GROUP 10:**

- NUTR 7<sup>GC</sup>

**GROUP 11:**

- PHILOS 48<sup>V</sup> (formerly same as HIST 48)
- HIST (48)<sup>V</sup> (formerly same as PHILOS 48)

**GROUP 12:**

- POL SC 1, 2, 3, 7, 8, 14, 21<sup>GC</sup>, 22<sup>GC</sup> (same as ENVRN 22), 23, 24, 31, 47, 51<sup>V</sup> (same as PHILOS 51), 52<sup>V</sup> (same as PHILOS 52)
- ENVRN 22<sup>GC</sup> (same as POL SC 22)
- PHILOS 51<sup>V</sup> (same as POL SC 51), 52<sup>V</sup> (same as POL SC 52)

**GROUP 13:**

- PSYCH 1, 3, 6, 7, 11, 13, 14, (18<sup>GC</sup>), 19, 25, 40<sup>GC</sup> (satisfies GC requirement if completed Fall 2011 or later) (same as ENVRN 40)
- ECE (18<sup>GC</sup>)
- ENVRN 40<sup>GC</sup> (satisfies GC requirement if completed Fall 2011 or later) (same as PSYCH 40)

**GROUP 14:**

- SOCIOL 1, 1s<sup>GC</sup>, 2, 2s<sup>GC</sup>, 4, 12, 30, 31, 32, 33, 34<sup>GC</sup>

**GROUP 15:**

- SPAN 20<sup>V</sup>

**GROUP 16:**

- WOM ST 10, 20<sup>GC</sup>, 30

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**AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES – 2 courses required (7 semester/9 quarter units):**

1 course is required from 5A; 1 course is required from 5B. One of the courses from 5A or 5B must include a lab (courses with a laboratory component are designated in 5C and are underlined in lists 5A and 5B):

**GROUP 5A: PHYSICAL SCIENCE COURSES (1 course required)**

- ASTRON 1<sup>c</sup>, 2<sup>c</sup>, 3<sup>c</sup>, 4<sup>c</sup>, 5, 7 (*satisfies area if completed Fall 2014 or later*), 8, 9, 10 (*same as GEOL 10*)
- CHEM 9<sup>GC</sup> (*satisfied GC requirement if completed Spring 2013 or later*), 10<sup>c</sup>, 11, 12, 19, 21, 22<sup>c</sup>, 24<sup>c</sup> (*both 22 and 24 must be taken to fulfill lab requirement*), 31
- GEOG 1<sup>c</sup>, 3, 5<sup>c</sup>
- GEOL 1<sup>c</sup>, 3, 4<sup>c</sup>, 5, 10 (*same as ASTRON 10*), 31
- PHYSCS 6<sup>c</sup>, 7<sup>c</sup>, 8<sup>c</sup>, 9<sup>c</sup>, 12<sup>c</sup>, 14<sup>c</sup>, 21<sup>c</sup>, 22<sup>c</sup>, 23<sup>c</sup>

**GROUP 5B: BIOLOGICAL SCIENCE COURSES (1 course required)**

- |  |                   |
|--|-------------------|
| • ANATMY <u>1</u> , <u>2</u>   | • MCRBIO <u>1</u> |
| • ANTHRO <u>1<sup>c</sup></u> , <u>5<sup>c</sup></u> , 9   | • PHYS <u>3</u>   |
| • BIOL <u>2</u> , <u>3</u> , <u>4</u> , <u>9<sup>GC</sup></u> , <u>15<sup>c</sup></u> , 15N <sup>c</sup> , <u>21</u> , <u>22</u> , <u>23</u> | • PSYCH 2         |
| • BOTANY <u>1</u>  | • ZOOL <u>5</u>   |

**GROUP 5C: SCIENCE COURSES WITH LABORATORY COMPONENT**

(1 course required, but may also be satisfied by underlined courses in Group 5A or 5B)

- |   |                                     |
|---|-------------------------------------|
| • ANATMY 1, 2   | • GEOG 5                            |
| • ANTHRO 5  | • GEOL 4, 5                         |
| • ASTRON 3, 4   | • MCRBIO 1                          |
| • BIOL 3, 4, 15, 21, 22, 23                               | • PHYSCS 6, 7, 8, 9, 14, 21, 22, 23 |
| • BOTANY 1  | • PHYS 3                            |
| • CHEM <u>9<sup>GC</sup></u> , 10, 11, 12, 19, 21, 24, 31 | • ZOOL 5                            |

**AREA 6: FOREIGN LANGUAGE (Required for UC only)**

This requirement may be fulfilled by completion of two years of one foreign language in high school with a grade of "C-" or higher (high school transcripts must be on file at Santa Monica College) or by completion of an SMC language course (other than English) numbered 1, 2, 3, 4, 11, or 12. **Students who complete any part of their education between the 9th and 12th grade at an institution where the language of instruction is other than English will NOT receive UC unit credit for courses taken at SMC in the same language.**

Below are additional ways to satisfy this requirement.

The Foreign Language requirement for IGETC may be met in one of the following ways:

1. Satisfactory completion of two years of high school coursework in a Language Other Than English (LOTE), with a grade of C- (C minus) or higher in each course. Two years must be in the same language.
2. Satisfactory completion of a course (or courses) at a college or university with a grade of C or higher in each course.
3. Satisfactory completion, with C grades or higher, of two years formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English.
4. Satisfactory score of the SAT II: Subject Test in Languages Other Than English (LOTE). If exam was taken before May 1995, use first score listed; if taken after May 1995, use second score listed:
 

|   |   |
|---|---|
| • Chinese with listening: 500/520       | • Japanese with listening: 500/510        |
| • French/French with listening: 500/540 | • Korean/Korean with listening: /500      |
| • German/German with listening: 500/510 | • Latin: 500/530                          |
| • Hebrew (Modern): 500/470              | • Spanish/Spanish with listening: 500/520 |
| • Italian: 500/520                      |   |
5. Satisfactory score of 3 or higher on the College Board Advanced Placement (AP) Examinations in Languages Other Than English (LOTE).
6. Satisfactory score of 5 or higher on the International Baccalaureate (IB) Higher Level Examinations in Language Other Than English (LOTE).
7. Satisfactory completion of an achievement test administered by a community college, university, or other college in a Language Other Than English (LOTE).
8. Language Other Than English "O" Level Exam with a grade of A, B, or C.
9. Language Other Than English International "A" Level Exam with a score of 5, 6, or 7.
10. A Defense Language Institute Language Other Than English course that is indicated as passed with a C or higher on the official transcript.

College courses, including SMC courses, with similar content to an AP exam may yield transfer credit. Unit and subject credit is determined by each transfer institution. Check with a counselor for details.

*continued on next page*



**CSU GRADUATION REQUIREMENTS IN US HISTORY, CONSTITUTION, AND AMERICAN IDEAL**

NOTE: Not part of the IGETC requirements, but may be completed prior to transfer. Courses used to meet this requirement may also be used to satisfy other requirements for IGETC.

AMERICAN HISTORY AND INSTITUTIONS – 6 semester units; one course selected from each group (which may be credited toward satisfying requirements from Areas 3 and 4.)

**US GROUP 1:**

- ECON 15 (*same as HIST 15*)
- ENVRN 14<sup>6C</sup> (*same as HIST 14*)
- HIST 10<sup>6C</sup>, 11, 12, 14<sup>6C</sup> (*same as ENVRN 14*), 15 (*same as ECON 15*), 41

**US GROUP 2 & 3:**

- POL SC 1

**APPLYING NON-SMC COURSEWORK TO IGETC:**

A summary of requirements for IGETC certification of non-SMC courses:

1. The institution is accredited by the Western Association of Schools and Colleges or an equivalent accrediting body.
2. A course taken at a California Community College is applied to the subject area in which it is listed by the institution where the work was completed (check assist.org for college IGETC lists).
3. Coursework from other U.S. regionally accredited institutions may be used on IGETC. Coursework may be evaluated by a counselor.
4. The grade received in course is C (2.0) or higher. A grade of C- (C minus) is not acceptable. A “Credit” or “Pass” that is defined by institutional policy as being equivalent to a grade of C (2.0) or higher may be applied to IGETC requirements.
5. Foreign coursework from non-United States regionally accredited institutions cannot be used for IGETC.
6. Each course is a minimum of 3 semester or 4 quarter units. (Exceptions may be made for English Composition or math. See a counselor for details).
7. All courses that meet IGETC requirements are completed by the end of the semester that the student is petitioning for certification.

**APPLYING EXAM CREDIT TO IGETC:**

See the “Credit by Exam” charts at the end of this chapter for a list of the AP and IB exams that may be used on the IGETC pattern.

## CSU GENERAL EDUCATION REQUIREMENTS

Students may follow the pattern of study outlined below or, the Intersegmental General Education Transfer Curriculum (IGETC) to meet lower-division general education requirements for the CSU system.

- SMC does not accept foreign coursework from non-U.S. regionally accredited institutions to meet CSU GE requirements.
- **Important: Courses in Areas A1, A2, A3, and B4 must be completed with a grade of C- or higher in each course**
- For information regarding "CSU Certification" see the Transfer section of the catalog.

### KEY TO SYMBOLS USED

|   |   |
|---|---|
| ("same as..." or "formerly same as...") | Courses which are (or were previously) offered in more than one discipline (cross-listed). Students may receive credit for only one of the cross-listed courses. See course descriptions for details. |
| ∇                                       | Course is listed in more than one GE area, but cannot be used to satisfy requirements in more than one area.  |
| <                                       | Transfer credit may be limited by UC, CSU or both.  |
| ()                                      | Course in parenthesis is no longer offered.   |
| GC                                      | Course satisfies SMC's Global Citizenship Degree Requirement  |

### AREA A: ENGLISH LANGUAGE AND CRITICAL THINKING: (9 semester or 12 quarter units; one course from each group completed)

#### A1: 1 course; must be completed with a C (2.0) or higher (3 semester/4-5 quarter units)

- COM ST 11 (formerly Speech 1), 12<sup>∇</sup> (formerly Speech 2), 16 (formerly Speech 6), 21<sup>∇</sup> (formerly Speech 11)

#### A2: 1 course; must be completed with a C (2.0) or higher (3 semester/4-5 quarter units)

- ENGL 1

#### A3: 1 course (3 semester/4-5 quarter units)

- BUS 32
- COM ST 21<sup>∇</sup> (formerly Speech 11)
- ENGL 2<sup>∇</sup>, 31<sup>∇</sup>
- HIST 47<sup>∇</sup>
- PHILOS 7, 9 (satisfies area if completed Fall 2011 or later)

### AREA B: SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (9 semester units or 12 quarter units):

1 course is required from B1; 1 course is required from B2; 1 course is required from B4. The course in B4 must be completed with a C (2.0) or higher. One of the courses from B1 or B2 must include a lab (courses with a laboratory component are designated in B3 and are underlined in lists B1 and B2):

#### B1: PHYSICAL SCIENCE COURSES (1 course required)

- ASTRON 1<sup><</sup>, 2<sup><</sup>, 3<sup><</sup>, 4<sup><</sup>, 5, 7, 8, 10 (same as GEOL 10)
- CHEM 9<sup>GC<</sup> (satisfied GC requirement if completed Spring 2013 or later), 10<sup><</sup>, 11, 12, 19, 21, 22<sup><</sup>, 24<sup><</sup> (both 22 and 24 must be taken to fulfill lab requirement), 31
- GEOG 1<sup><</sup>, 3, 5<sup><</sup>
- GEOL 1<sup><</sup>, 3, 4<sup><</sup>, 5, 10 (same as ASTRON 10), 31
- PHYSCS 6<sup><</sup>, 7<sup><</sup>, 8<sup><</sup>, 9<sup><</sup>, 12<sup><</sup>, 14<sup><</sup>, 21<sup><</sup>, 22<sup><</sup>, 23, 24

#### B2: BIOLOGICAL SCIENCE COURSES (1 course required)

- ANATMY 1, 2
- ANTHRO 1<sup><</sup>, 5<sup><</sup>, 9
- BIOL 2<sup>∇</sup>, 3, 4, 9<sup>GC∇</sup>, 15<sup><</sup>, 15N<sup><</sup>, 21, 22, 23
- BOTANY 1, 3
- MCRBIO 1
- NUTR 1<sup>∇</sup> (satisfies area if completed Fall 2011 or later)
- PHYS 3
- PSYCH 2
- ZOOL 5, (17)

#### B3: SCIENCE COURSES WITH LABORATORY COMPONENT (1 course required, but may also be satisfied by underlined courses in Group 5A or 5B)

- ANATMY 1, 2
- ANTHRO 5
- ASTRON 3, 4
- BIOL 3, 4, 15, 21, 22, 23
- BOTANY 1, 3
- CHEM 9<sup>GC</sup>, 10, 11, 12, 19, 21, 24, 31
- GEOG 5
- GEOL 4, 5
- MCRBIO 1
- PHYSCS 6, 7, 8, 9, 14, 21, 22, 23, 24
- PHYS 3
- ZOOL 5, (17)

#### B4: MATHEMATICS/QUANTITATIVE REASONING: 1 course (3 semester/4-5 quarter units)

- CS (10) (formerly same as MATH 10)
- MATH 2<sup><</sup>, 7<sup><</sup>, 8<sup><</sup>, 10 (formerly same as CS 10), 11, 13, 15, 21, 26<sup><</sup>, 28<sup><</sup>, 29<sup><</sup>, 54

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**AREA C: ARTS AND HUMANITIES:**

3 courses (9 semester/12 quarter units), with at least one course from C1 (Arts) and one course from C2 (Humanities):

**C1: ART (at least one course)**

- ART 10A, 10B, 13, 20A, 20B, 40A, 40B
- AHIS 1, 2, 3, 5, 6<sup>GC</sup>, 11<sup>GC</sup>, 15, 17, 18<sup>v</sup>, 21, 22, 52 (same as PHOTO 52), 71, 72<sup>GC</sup>
- DANCE 2<sup>GC</sup>, 5
- ENGL 26<sup>v</sup> (same as HUM 26), 55<sup>v</sup> (formerly same as TH ART 7)
- ET 61
- FILM 1, 2, 6<sup>v</sup>, 8
- HUM 26<sup>v</sup> (same as ENGL 26)
- INTARC 41
- MUSIC 1<sup>c</sup>, 30, 31, 32, 33<sup>GC</sup>, 34, (35), 36<sup>GC</sup>, 37<sup>GC</sup>, 39, 60A, 60B
- PHOTO 52 (same as AHIS 52)
- TH ART 2, 5, (7)<sup>v</sup> (formerly same as ENGL 55), 41

**C2: HUMANITIES (at least one course)**

- ASL 1, 2
- ARABIC 1
- AHIS 18<sup>v</sup>
- CHNESE 1, 2, 3, 4, 9
- COM ST 12<sup>v</sup> (formerly Speech 2), 14<sup>GC</sup> (formerly Speech 4)
- ECON 15<sup>v</sup> (same as HIST 15)
- ENGL 2<sup>v</sup>, 3, 4, 5, 6, 7, 8, 9<sup>GC</sup>, 10<sup>GC</sup>, (11) (formerly same as FILM 11), 14, 15, 17, 18, 26<sup>v</sup> (same as HUM 26), 32<sup>v</sup> (formerly same as HIST 30), 34, 38, 39, 40, 41, 45, 49<sup>GC</sup>, 50, 51 (same as REL ST 51), 52 (same as REL ST 52), 53, 54, 55<sup>v</sup> (formerly same as TH ART 7), 56, 57, 58, 59, 61
- ENVRN 20<sup>GC</sup> (same as PHILOS 20)
- FILM 5, 6<sup>v</sup>, 7<sup>GC</sup>, 11 (formerly same as ENGL 11)
- FRENCH 1, 2, 3, 4, 8
- GERMAN 1, 2, 3, 4, 8
- HEBREW 1, 2, 3, 4, 8
- HIST 1<sup>v</sup>, 2<sup>v</sup>, 3<sup>v</sup>, 4<sup>v</sup>, 5<sup>v</sup>, 6<sup>GCv</sup>, 10<sup>GCv</sup>, 11<sup>v</sup>, 12<sup>v</sup>, 13<sup>v</sup>, 15<sup>v</sup> (same as ECON 15), 16<sup>v</sup>, 19<sup>v</sup>, 20<sup>v</sup>, 21<sup>v</sup>, 22<sup>v</sup>, 24<sup>v</sup>, 25<sup>GCv</sup> (satisfies GC requirement if completed Fall 2014 or later), 26<sup>v</sup>, 29<sup>v</sup>, (30)<sup>v</sup> (formerly same as ENGL 32), 33<sup>v</sup>, 34<sup>GCv</sup> (satisfies GC requirement if completed Fall 2014 or later), 41<sup>v</sup>, 43<sup>v</sup>, (45<sup>v</sup>), (46<sup>v</sup>), (48)<sup>v</sup> (formerly same as PHILOS 48), 52<sup>v</sup>, 53, 55<sup>v</sup>, 62<sup>v</sup>
- HUM 26<sup>v</sup> (same as ENGL 26)
- ITAL 1, 2, 3, 4, 8
- JAPAN 1, 2, 3, 4, 8, 9
- KOREAN 1, 2, 3, 4
- LING 1<sup>GC</sup> (satisfies area if completed Fall 2014 or later)
- PERSIN 1, 2
- PHILOS 1, 2, 3, 4, 5, 6, 10, 11, 20<sup>GC</sup> (same as ENVRN 20), 22, 23, 24, 48<sup>v</sup> (formerly same as HIST 48), 51<sup>v</sup> (same as POL SC 51), 52<sup>v</sup> (same as POL SC 52)
- POL SC 51<sup>v</sup> (same as PHILOS 51), 52<sup>v</sup> (same as PHILOS 52)
- PORTGS 1
- REL ST 51 (same as ENGL 51), 52 (same as ENGL 52)
- RUSS 1, 2, 8
- SPAN 1, 2, 3, 4, 8, 9<sup>v</sup>, 11, 12, 20<sup>v</sup>
- TH ART (7)<sup>v</sup> (formerly same as ENGL 55)
- TURKSH 1

**AREA D: SOCIAL SCIENCES - (9 semester/12 quarter units):**

3 courses selected from at least 2 Groups:

**GROUP 1:**

- ANTHRO 2<sup>GC</sup>, 3<sup>c</sup>, 4<sup>c</sup>, 7, 14<sup>GC</sup>, 19<sup>GC</sup>, 20, 21<sup>GC</sup>, 22

**GROUP 2:**

- ASTRON 6<sup>GC</sup>

**GROUP 3:**

- COM ST 9, 30, 31, 35 (formerly Speech 5), 36, 37<sup>GC</sup> (formerly Speech 7)

**GROUP 4:**

- ECE 11<sup>GC</sup> (satisfies area if completed Fall 2010 or later)

**GROUP 5:**

- ECON 1, 2, 5<sup>GC</sup> (same as GLOBAL 5 and POL SC 5), 6, 15<sup>v</sup> (same as HIST 15)
- GLOBAL 5<sup>GC</sup> (same as ECON 5 and POL SC 5)
- HIST 15<sup>v</sup> (same as ECON 15)
- POL SC 5<sup>GC</sup> (same as ECON 5 and GLOBAL 5), 24

**GROUP 6:**

- GEOG 2, 7<sup>GC</sup> (same as ENVRN 7), 8 (same as URBAN 8), 11<sup>GC</sup> (same as GLOBAL 11), 14<sup>GC</sup>
- ENVRN 7<sup>GC</sup> (same as GEOG 7)
- GLOBAL 11<sup>GC</sup> (same as GEOG 11)
- URBAN 8 (same as GEOG 8)

**GROUP 7:**

- GLOBAL 10<sup>GC</sup>

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|   |
|---|
| <b>GROUP 8:</b>   |
| <ul style="list-style-type: none"> <li>HIST 1<sup>v</sup>, 2<sup>v</sup>, 3<sup>v</sup>, 4<sup>v</sup>, 5<sup>v</sup>, 6<sup>GCv</sup>, 10<sup>GCv</sup>, 11<sup>v</sup>, 12<sup>v</sup>, 13<sup>v</sup>, 14<sup>GC</sup> (same as ENVRN 14), 16<sup>v</sup>, 19<sup>v</sup>, 20<sup>v</sup>, 21<sup>v</sup>, 22<sup>v</sup>, 24<sup>v</sup>, 25<sup>GCv</sup> (satisfies GC requirement if completed Fall 2014 or later), 26<sup>v</sup>, 28, 29<sup>v</sup>, 32<sup>GC</sup> (same as ENVRN 32), 33<sup>v</sup>, 34<sup>GCv</sup> (satisfies GC requirement if completed Fall 2014 or later), 38, 39<sup>GC</sup> (satisfies GC requirement if completed Fall 2014 or later), 41<sup>v</sup>, 42, 43<sup>v</sup>, (45<sup>v</sup>), (46<sup>v</sup>), 47<sup>v</sup>, 52<sup>v</sup>, 55<sup>v</sup>, 62<sup>v</sup></li> <li>ENVRN 14<sup>GC</sup> (same as HIST 14), 32<sup>GC</sup> (same as HIST 32)</li> </ul> |
| <b>GROUP 9:</b>   |
| <ul style="list-style-type: none"> <li>MEDIA 1 (formerly Communication 1), 3<sup>GC</sup> (same as GLOBAL 3), 4, 10<sup>GC</sup> (formerly Communication 10)</li> <li>GLOBAL 3<sup>GC</sup> (same as MEDIA 3)</li> </ul>  |
| <b>GROUP 10:</b>  |
| <ul style="list-style-type: none"> <li>NUTR 7<sup>GCv</sup></li> </ul>  |
| <b>GROUP 11:</b>  |
| <ul style="list-style-type: none"> <li>PHILOS 48<sup>v</sup> (formerly same as HIST 48)</li> <li>HIST (48)<sup>v</sup> (formerly same as PHILOS 48)</li> </ul>  |
| <b>GROUP 12:</b>  |
| <ul style="list-style-type: none"> <li>POL SC 1, 2, 3, 7, 8, 11, 14, 21<sup>GC</sup>, 22<sup>GC</sup> (same as ENVRN 22), 23, 24, 31, 47, 51<sup>v</sup> (same as PHILOS 51), 52<sup>v</sup> (same as PHILOS 52)</li> <li>ENVRN 22<sup>GC</sup> (same as POL SC 22)</li> <li>PHILOS 51<sup>v</sup> (same as POL SC 51), 52<sup>v</sup> (same as POL SC 52)</li> </ul>   |
| <b>GROUP 13:</b>  |
| <ul style="list-style-type: none"> <li>PSYCH 1<sup>v</sup>, 3<sup>v</sup>, 6<sup>v</sup>, 7, 11<sup>v</sup>, 13<sup>v</sup>, 14, (18<sup>GC</sup>), 19<sup>v</sup>, 25<sup>v</sup>, 40<sup>GC</sup> (satisfies GC requirement if completed Fall 2011 or later) (same as ENVRN 40)</li> <li>ECE (18<sup>GC</sup>)</li> <li>ENVRN 40<sup>GC</sup> (satisfies GC requirement if completed Fall 2011 or later) (same as PSYCH 40)</li> </ul>  |
| <b>GROUP 14:</b>  |
| <ul style="list-style-type: none"> <li>SOCIOL 1, 1s<sup>GC</sup>, 2, 2s<sup>GC</sup>, 4, 12, 30, 31, 32, 33, 34<sup>GC</sup></li> </ul>   |
| <b>GROUP 15:</b>  |
| <ul style="list-style-type: none"> <li>SPAN 9<sup>v</sup>, 20<sup>v</sup></li> </ul>  |
| <b>GROUP 16:</b>  |
| <ul style="list-style-type: none"> <li>WOM ST 10, 20<sup>GC</sup>, 30</li> </ul>  |
| <b>GROUP 17:</b>  |
| <ul style="list-style-type: none"> <li>ENGL 32<sup>v</sup> (formerly same as HIST 30)</li> <li>HIST (30)<sup>v</sup> (formerly same as ENGL 32)</li> </ul>  |

|   |
|---|
| <b>AREA E: LIFELONG LEARNING AND SELF-DEVELOPMENT (3 semester or 4-5 quarter units):</b>  |
| <ul style="list-style-type: none"> <li>BILING 1</li> <li>BIOL 2<sup>v</sup>, 9<sup>GCv</sup></li> <li>BUS 45 (satisfies area if completed Fall 2015 or later), 47 (same as COUNS 47) (satisfies area if completed Fall 2014 or later)</li> <li>COUNS 12, 20, (30), 47 (same as BUS 47) (satisfies area if completed Fall 2014 or later)</li> <li>DANCE 29</li> <li>ENGL 31<sup>v</sup></li> <li>HEALTH 10</li> <li>KIN PE 2, 4, ALL activity courses (however there is a 2 unit maximum limit; see assist.org for a detailed list of courses that apply)</li> <li>NUTR 1<sup>v</sup>, (4), 9</li> <li>PSYCH 1<sup>v</sup>, 3<sup>v</sup>, 5, 6<sup>v</sup>, 11<sup>v</sup>, 13<sup>v</sup>, 19<sup>v</sup>, 25<sup>v</sup></li> </ul> |

|  |
|--|
| <b>CSU GRADUATION REQUIREMENTS IN US HISTORY, CONSTITUTION, AND AMERICAN IDEAL</b>   |
| NOTE: Not part of the IGETC requirements, but may be completed prior to transfer. Courses used to meet this requirement may also be used to satisfy other requirements for IGETC.  |
| AMERICAN HISTORY AND INSTITUTIONS - 6 semester units; one course selected from each group (which may be credited toward satisfying requirements from Areas 3 and 4.)   |
| <b>US GROUP 1:</b>   |
| <ul style="list-style-type: none"> <li>ECON 15 (same as HIST 15)</li> <li>ENVRN 14<sup>GC</sup> (same as HIST 14)</li> <li>HIST 10<sup>GC</sup>, 11, 12, 14<sup>GC</sup> (same as ENVRN 14), 15 (same as ECON 15), 41</li> </ul> |
| <b>US GROUP 2 &amp; 3:</b>   |
| <ul style="list-style-type: none"> <li>POL SC 1</li> </ul>   |

### APPLYING EXAM CREDIT TO CSU GE:

See the "Credit by Exam" charts at the end of this chapter for a list of the AP, IB, and CLEP exams that may be used on the CSU GE pattern.



## SANTA MONICA COLLEGE GENERAL EDUCATION REQUIREMENTS

To earn an Associate degree from SMC, students may follow the General Education requirements outlined below, the CSU GE requirements, or the IGETC requirements. Students intending to transfer to a 4-year institution should follow either the IGETC or CSU GE requirements. Consult a counselor for advice.

### KEY TO SYMBOLS USED

|   |   |
|---|---|
| ("same as..." or "formerly same as...") | Courses which are (or were previously) offered in more than one discipline (cross-listed). Students may receive credit for only one of the cross-listed courses. See course descriptions for details. |
| ( )                                     | Course in parenthesis is no longer offered.   |
| GC                                      | Course satisfies SMC's Global Citizenship Degree Requirement  |

### I: NATURAL SCIENCE: At least 3 semester units selected from:

- ANATMY 1, 2
- ANTHRO 1, 5, 8, 9, 10
- ASTRON 1, 2, 3, 4, 5, 7, 8, 10 (*same as GEOL 10*)
- BIOL 2, 3, (4), 9<sup>GC</sup>, 15, 15N, 21, 22, 23
- BOTANY 1, 3
- CHEM 9<sup>GC</sup> (*satisfies GC if completed Spring 2013 or later*), 10, 11, 12, 19, 21, 22, 24, 31
- GEOG 1, 3, 5
- GEOL 1, 3, 4, 5, 10 (*same as ASTRON 10*), 31, 35
- MCRBIO 1
- NUTR 1, 4 (*if completed prior to Winter 2017*), (6)
- PHYSCS 6, 7, 8, 9, 12, 14, 21, 22, 23, 24
- PHYS 3
- PSYCH 2
- ZOOL 5, (17), (20)

### II: SOCIAL SCIENCE: 6 semester units, with at least 3 units selected from each group:

#### GROUP II A (at least 3 semester units)

- ECON 15 (*same as HIST 15*)
- ENVRN 14<sup>GC</sup> (*same as HIST 14*)
- HIST 10<sup>GC</sup>, 11, 12, 14<sup>GC</sup> (*same as ENVRN 14*), 15 (*same as ECON 15*), 27, 41, 45, 46
- POL SC 1

#### GROUP II B (at least 3 semester units)

- ADJUS 1, 2
- ANTHRO 2<sup>GC</sup>, 3, 4, 7, 14<sup>GC</sup>, 19<sup>GC</sup>, 20, 21<sup>GC</sup>, 22
- ASTRON 6<sup>GC</sup>
- BILING 1
- BUS 1
- COM ST 9, 30, 31, 35 (*formerly Speech 5*), 36, 37<sup>GC</sup> (*formerly Speech 7*)
- ECE 11<sup>GC</sup>, (18<sup>GC</sup>)
- ECON 1, 2, 5<sup>GC</sup> (*same as GLOBAL 5 and POL SC 5*), 6, 15 (*same as HIST 15*)
- ENVRN 7<sup>GC</sup> (*same as GEOG 7*), 32<sup>GC</sup> (*same as HIST 32*), 40<sup>GC</sup> (*satisfies GC requirement if completed Fall 2011 or later*) (*same as PSYCH 40*)
- GEOG 2, 7<sup>GC</sup> (*same as ENVRN 7*), 8 (*same as URBAN 8*), 11<sup>GC</sup> (*same as GLOBAL 11*), 14<sup>GC</sup>
- GLOBAL 3<sup>GC</sup> (*same as MEDIA 3*), 5<sup>GC</sup> (*same as ECON 5 and POL SC 5*), 10<sup>GC</sup>, 11<sup>GC</sup> (*same as GEOG 11*)
- HIST 1, 2, 3, 4, 5, 6<sup>GC</sup>, 10<sup>GC</sup>, 11, 12, 13, 14<sup>GC</sup> (*same as ENVRN 14*), 15 (*same as ECON 15*), 16, 19, 20, 21, 22, 24, 25<sup>GC</sup> (*satisfies GC requirement if completed Fall 2014 or later*), 26, 28, 29, 30 (*formerly same as ENGL 32*), 32<sup>GC</sup> (*same as ENVRN 32*), 33, 34<sup>GC</sup> (*satisfies GC requirement if completed Fall 2014 or later*), 38, 39<sup>GC</sup> (*satisfies GC requirement if completed Fall 2014 or later*), 41, 42, 43, 45, 46, 47, (48) (*formerly same as PHILOS 48*), 52, 53, 55, 62
- MEDIA 1 (*formerly Communication 1*), 3<sup>GC</sup> (*same as GLOBAL 3*), 4, 10<sup>GC</sup> (*formerly Communication 10*)
- NUTR 7<sup>GC</sup>
- PHILOS 48 (*formerly same as HIST 48*), 51 (*same as POL SC 51*), 52 (*same as POL SC 52*)
- POL SC 1, 2, 3, 5<sup>GC</sup> (*same as ECON 5 and GLOBAL 5*), 7, 8, 11, 14, 21<sup>GC</sup>, 22<sup>GC</sup> (*same as ENVRN 22*), 23, 24, 31, 47, 51 (*same as PHILOS 51*), 52 (*same as PHILOS 52*)
- PSYCH 1, 3, 5, 6, 7, 8<sup>GC</sup>, 11, (12), 13, 14, (18<sup>GC</sup>), 19, 25, 40<sup>GC</sup> (*satisfies GC requirement if completed Fall 2011 or later*) (*same as ENVRN 40*)
- SOCIOL 1, 15<sup>GC</sup>, 2, 2s<sup>GC</sup>, 4, 12, 30, 31, 32, 33, 34<sup>GC</sup>
- URBAN 8 (*same as GEOG 8*)
- WOM ST 10, 20<sup>GC</sup>, 30

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**III: HUMANITIES:** At least 3 semester units selected from:

- ASL 1, 2
- ARABIC 1
- ART 10A\*, 10B\*, 13, 20A\*, 20B\*, 40A\*, 40B, 43A\*, 43B
- AHIS 1, 2, 3, 5, 6<sup>GC</sup>, 11<sup>GC</sup>, 15, 17, 18, 21, 22, 52 (same as PHOTO 52), 71, 72<sup>GC</sup>
- CHINESE 1, 2, 3, 4, 8, 9
- COM ST 12 (formerly Speech 2), 14<sup>GC</sup> (formerly Speech 4)
- DANCE 2<sup>GC</sup>, 5
- ENGL 2, 3, 4, 5, 6, 7, 8, 9<sup>GC</sup>, 10<sup>GC</sup>, (11) (formerly same as FILM 11), 14, 15, 17, 18, 26 (same as HUM 26), 30A, 30B, 31, 32 (formerly same as HIST 30), 34, 38, 39, 40, 41, 45, 49<sup>GC</sup>, 50, 51 (same as REL ST 51), 52 (same as REL ST 52), 53, 54, 55 (formerly same as TH ART 7), 56, 57, 58, 59
- ET 61
- ENVRN 20<sup>GC</sup> (same as PHILOS 20)
- FILM 1, 2, 5, 6, 7<sup>GC</sup>, 8, 9, 10, 11 (formerly same as ENGL 11)
- FRENCH 1, 2, 3, 4, 8
- GERMAN 1, 2, 3, 4, 8
- HEBREW 1, 2, 3, 4, 8
- HIST (30) (formerly same as ENGL 32)
- HUM 26 (same as ENGL 26)
- INTARC 30, 34, 41, 42, (60), (66)
- ITAL 1, 2, 3, 4, 8
- JAPAN 1, 2, 3, 4, 8, 9
- KOREAN 1, 2, 3, 4
- LING 1<sup>GC</sup>
- MUSIC 1, 30, 31, 32, 33<sup>GC</sup>, 34, (35), 36<sup>GC</sup>, 37<sup>GC</sup>, 39, 60A\*, 60B\*, 66 (same as MUSIC 1 and MUSIC 60A)
- PERSIN 1, 2
- PHILOS 1, 2, 3, 4, 5, 6, 10, 11, 20<sup>GC</sup> (same as ENVRN 20), 22, 23, 24, 41, 48 (formerly same as HIST 48), 51 (same as POL SC 51), 52 (same as POL SC 52)
- PHOTO 52 (same as AHIS 52)
- POL SC 51 (same as PHILOS 51), 52 (same as PHILOS 52)
- PORTGS 1<sup>GC</sup>
- REL ST 51 (same as ENGL 51), 52 (same as ENGL 52)
- RUSS 1, 2, 8
- SPAN 1, 2, 3, 4, 8, 9, 11, 12, 20
- TH ART 2, 5, (7) (formerly same as ENGL 55), 41
- TURKSH 1

*\*(may be 1, 1.5 or 2 unit course. Additional course may be required to meet minimum 3 unit Humanities requirement)*

**IV: LANGUAGE AND RATIONALITY:** 6 semester units, 3 units selected from each group:**GROUP A:** Select one of the following courses

- ENGL 1 or BUS 31

**GROUP B:** Choose one option from the following**Option 1:** Complete 1 of the following courses

- CS (10) (formerly same as Math 10)
- MATH 2, 3, 4, 7, 8, 10 (formerly same as CS 10), 11, 13, 15, 18, 20, 21, 26, 28, 29, 32, 41, 49, 50, 54

**Option 2:** Available for those students who enrolled at SMC in Fall 2007 or later or who have not maintained continuous enrollment must:

- Pass Math Proficiency Test\*\* **and** complete 1 of the courses listed below **OR**
- Complete the SMC math assessment and place into Math 18, 20, 32 or higher **and** successfully complete 1 of the following courses:
  - ACCTG 1, 2
  - COM ST 21 (formerly Speech 11), 31
  - CS: any 3 units course except CS 88C or 90C
  - HIST 47
  - PHILOS 7, 9
  - PSYCH 7
  - SOCIOL 4

*\*\*Students may complete this exam any time within one year of their anticipated graduation date. Note that students may retest only once, after an 8-week wait.*

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**V: GLOBAL CITIZENSHIP:** 3 semester units from the courses listed below or successful completion of an SMC Study Abroad experience if completed Spring 2008 or later (credit awarded through petition). NOTE: Many of these courses (noted with <sup>GC</sup> above) are also in GE areas I, IIA, IIB, and III and can be used to satisfy BOTH areas.)

- ANTRHO 2, 14, 19, 21
- AHIS 6, 11, 72
- ASTRON 6
- BIOL 9
- BUS 51
- CHEM 9 (satisfies GC requirement if completed Spring 2013 or later)
- COMM (10)<sup>+</sup> (see MEDIA)
- COM ST 14 (formerly Speech 4), 37 (formerly Speech 7), 310
- DANCE 2, 57A
- ECE 11, (18), 19
- ECON 5 (same as GLOBAL 5 and POL SC 5)
- ENGL 9, 10, 49
- ENVRN 7 (same as GEOG 7), 14 (same as HIST 14), 20 (same as PHILOS 20), 22 (same as POL SC 22), 32 (same as HIST 32), 40 (satisfies GC requirement if completed Fall 2011 or later) (same as PSYCH 40)
- FILM 7
- GEOG 7 (same as ENVRN 7), 11 (same as GLOBAL 11), 14
- GLOBAL 3 (same as MEDIA 3), 5 (same as ECON 5 or POL SC 5), 10, 11 (same as GEOG 11)
- HEALTH 60 (same as NURSNG 60)
- HIST 6, 10<sup>+</sup>, 14 (same as ENVRN 14), 25 (satisfies GC requirement if completed Fall 2014 or later), 32 (same as ENVRN 32), 34 (satisfies GC requirement if completed Fall 2014 or later), 39 (satisfies GC requirement if completed Fall 2014 or later)
- LING 1
- MEDIA 3 (same as GLOBAL 3), 10<sup>+</sup> (formerly Communication 10)
- MUSIC 33<sup>+</sup>, 36, 37<sup>+</sup>
- NURSNG 60 (same as Health 60)
- NUTR 7
- PHILOS 20 (same as ENVRN 20)
- POL SC 5 (same as ECON 5 and GLOBAL 5), 21, 22 (same as ENVRN 22)
- PORTGS 1
- PSYCH 8, (18), 40 (satisfies GC requirement if completed Fall 2011 or later) (same as ENVRN 40)
- RRM 1
- SOCIOL 1s, 2s, 34
- WOM ST 20

\* HIST 10, MEDIA 10 (formerly Communication 10), MUSIC 33, and 37 (satisfies area if completed Fall 2013 or later) meet the UC Berkeley American Cultures graduation requirement.

### Applying Exam Credit to SMC GE:

See the “Credit by Exam” charts at the end of this chapter for a list of the AP, IB, and CLEP exams that may be used on the SMC GE pattern.

## Credit by Exam

### CREDIT BY EXAM: ADVANCED PLACEMENT (AP) TESTS

Students are granted units and subject credit for SMC degrees/certificates for College Entrance Examination Board (CEEB) Advanced Placement Tests with scores of 3, 4, or 5. Students must have the College Board send AP exam results to the SMC Admissions Office (hand carried copies will NOT be accepted).

AP credit can also be used to meet IGETC, CSU GE, and SMC Associate degree (majors and/or GE) requirements.

- AP credit granted at SMC does **NOT** reflect credit granted by a transfer institution.
- AP credit must be used in the IGETC area indicated, regardless of where the certifying institution's discipline is located.
- AP credit may be incorporated into the CSU GE certification by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated CSU GE area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of CSU GE requirements.

Students interested in petitioning for AP credit should meet with a counselor. Students should be aware that AP test credit is evaluated by corresponding it to an equivalent SMC course, e.g., History 11. A student who receives AP credit and then takes the equivalent SMC course will have the unit credit for the duplication deducted prior to graduation. Credit by Advanced Placement exam is noted and listed first on a student's transcript, with units assigned and no grade.

Use of AP credit varies at each transfer institution. Please check the transfer institution's catalog for details.

UCLA will not grant AP credit if the exam is taken after the student has completed 24 semester units of college coursework.

| EXAM                                       | SMC ASSOCIATE DEGREE<br>(MAJOR AND/OR GE)   | CSU GE                              | CSU UNITS<br>EARNED<br>TOWARD<br>TRANSFER               | IGETC                              | UC UNITS EARNED<br>TOWARD TRANSFER  |
|--|---|-------------------------------------|---|------------------------------------|---|
| Art History                                | AHIS 1 plus 3 elective units<br>= 6 units; only 3 GE units  | Area C1 or C2<br>3 semester units   | 6 semester units  | Area 3A or 3B<br>3 semester units  | 8 quarter/<br>5.3 semester units  |
| Biology                                    | BIOL 3 plus 2 elective units<br>= 6 units; only 4 GE units  | Area B2 and B3<br>4 semester units  | 6 semester units  | Area 5B and 5C<br>4 semester units | 8 quarter/<br>5.3 semester units  |
| Calculus AB                                | Score of 3: MATH 2*<br>Score of 4 or 5: MATH 7*<br>5 semester units                                   | Area B4<br>3 semester units         | 3 semester units*                                       | Area 2A<br>3 semester units        | 4 quarter/<br>2.7 semester units**  |
| Calculus BC                                | Score of 3: MATH 7*<br>Score of 4 or 5: MATH 8*<br>5 semester units                                   | Area B4<br>3 semester units         | 6 semester units*                                       | Area 2A<br>3 semester units        | 8 quarter/<br>5.3 semester units**  |
| AP CALCULUS EXAM<br>LIMITATIONS            | *Qualifies student for next<br>level of math  |                                     | *Only one exam<br>may be used<br>toward transfer        |                                    | **Maximum credit<br>for both exams is<br>8 quarter/5.3<br>semester units  |
| Chemistry                                  | CHEM 10<br>5 semester units   | Areas B1 and B3<br>4 semester units | 6 semester units  | Area 5A and 5C<br>4 semester units | 8 quarter/<br>5.3 semester units  |
| Chinese Language &<br>Culture              | CHNESE 3<br>5 semester units  | Area C2<br>3 semester units         | 6 semester units  | Area 3B and 6A<br>3 semester units | 8 quarter/<br>5.3 semester units  |
| Computer Science A                         | Score of 3: CS 3<br>3 semester units<br>Score of 4 or 5: CS 3 and 55<br>6 semester units*             | N/A                                 | 3 semester<br>units**                                   | N/A                                | 2 quarter/<br>1.3 semester units***                                       |
| Computer Science AB                        | Score of 3: CS 3 and 55<br>6 semester units*<br>Score of 4 or 5:<br>CS 55 and 56<br>6 semester units* | N/A                                 | 6 semester<br>units**                                   | N/A                                | 4 quarter/<br>2.7 semester units***                                       |
| AP COMPUTER<br>SCIENCE<br>EXAM LIMITATIONS | *Maximum credit for<br>both exams is<br>6 semester units  |                                     | **Maximum one<br>exam may be<br>used toward<br>transfer |                                    | ***Maximum credit<br>for both exams is<br>4 quarter/2.7<br>semester units |
| Economics –<br>Macroeconomics              | ECON 2<br>3 semester units  | Area D2<br>3 semester units         | 3 semester units  | Area 4B<br>3 semester units        | 4 quarter/<br>2.7 semester units  |
| Economics –<br>Microeconomics              | ECON 1<br>3 semester units  | Area D2<br>3 semester units         | 3 semester units  | Area 4B<br>3 semester units        | 4 quarter/<br>2.7 semester units  |

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| EXAM                                | SMC ASSOCIATE DEGREE (MAJOR AND/OR GE)  | CSU GE   | CSU UNITS EARNED TOWARD TRANSFER | IGETC   | UC UNITS EARNED TOWARD TRANSFER  |
|-------------------------------------|---|--|----------------------------------|---|--|
| English – Language & Composition    | ENGL 1 plus 3 elective units = 6 units; only 3 GE units   | Area A2<br>3 semester units  | 6 semester units                 | Area 1A<br>3 semester units                     | 8 quarter/<br>5.3 semester units*  |
| English – Literature & Composition  | ENGL 1 plus 3 Humanities GE units = 6 units; 6 GE units <b>or</b> 3 Humanities GE units plus 3 elective units = 6 units; 3 GE units | Area A2 <b>and</b> C2<br>6 semester units  | 6 semester units                 | Area 1A <b>or</b> 3B<br>3 semester units        | 8 quarter/<br>5.3 semester units*  |
| AP ENGLISH EXAM LIMITATIONS         |   |  |                                  |   | <b>*Maximum credit for both exams is 8 quarter/<br/>5.3 semester units</b> |
| Environmental Science               | No course equivalency<br>GE Natural Science<br>3 semester units   | Area B2 <b>and</b> B3<br><i>(if completed prior to Fall 2009)</i><br><b>or</b><br>Area B1 <b>and</b> B3<br><i>(regardless of when completed)</i><br>4 semester units | 4 semester units                 | Area 5A <b>and</b> 5C<br>3 semester units       | 4 quarter/<br>2.7 semester units   |
| French Language & Culture           | <b>FRENCH 3</b><br>5 semester units   | Area C2<br>3 semester units  | 6 semester units                 | Area 3B <b>and</b> 6A<br>3 semester units       | 8 quarter/<br>5.3 semester units   |
| French Literature & Culture         | No course equivalency – GE Humanities<br>5 semester units   | Area C2<br>3 semester units  | 6 semester units                 | Area 3B <b>and</b> 6A<br>3 semester units       | 8 quarter/<br>5.3 semester units   |
| German Language & Culture           | <b>GERMAN 3</b><br>5 semester units   | Area C2<br>3 semester units  | 6 semester units                 | Area 3B <b>and</b> 6A<br>3 semester units       | 8 quarter/<br>5.3 semester units   |
| Government & Politics – Comparative | <b>POL SC 2</b><br>3 semester units   | Area D8<br>3 semester units  | 3 semester units                 | Area 4H<br>3 semester units                     | 4 quarter/<br>2.7 semester units   |
| Government & Politics – U.S.        | <b>POL SC 1</b><br>3 semester units   | Area D8 and US 2*<br>3 semester units<br><b>*NOTE: Does not Fulfill AHI California Government requirement, which student can satisfy after transfer.</b>             | 3 semester units                 | Area 4H<br>3 semester units                     | 4 quarter/<br>2.7 semester units   |
| History – European                  | <b>HIST 1</b> plus 3 elective units = 6 units; only 3 GE units  | Area C2 <b>or</b> D6 <b>and</b> US 1<br>3 semester units   | 6 semester units                 | Area 3B <b>or</b> 4F<br>3 semester units        | 8 quarter/<br>5.3 semester units   |
| History – U.S.                      | <b>HIST 11</b> plus 3 elective units = 6 units; only 3 GE units   | Area C2 <b>or</b> D6 and US 1<br>3 semester units  | 6 semester units                 | Area 3B <b>or</b> 4F<br>3 semester units        | 8 quarter/<br>5.3 semester units   |
| History – World                     | <b>HIST 34</b> plus 3 elective units = 6 units; only 3 GE units   | <b>Area C2 or D6</b><br><b>3 semester units</b>  | <b>6 semester units</b>          | <b>Area 3B or 4F</b><br><b>3 semester units</b> | <b>8 quarter/<br/>5.3 semester units</b>                                   |
| Human Geography                     | <b>GEOG 2</b><br>3 semester units   | Area D5<br>3 semester units  | 3 semester units                 | Area 4E<br>3 semester units                     | 4 quarter/<br>2.7 semester units   |
| Italian Language & Culture          | <b>ITAL 3</b><br>5 semester units   | Area C2<br>3 semester units  | 6 semester units                 | Area 3B <b>and</b> 6A<br>3 semester units       | 8 quarter/<br>5.3 semester units   |
| Japanese Language & Culture         | <b>JAPAN 3</b><br>5 semester units  | Area C2<br>3 semester units  | 6 semester units                 | Area 3B <b>and</b> 6A<br>3 semester units       | 8 quarter/<br>5.3 semester units   |
| Latin                               | No course equivalency – GE Humanities<br>3 semester units   | Area C2<br>3 semester units  | 3 semester units                 | Area 3B <b>and</b> 6A<br>3 semester units       | 4 quarter/<br>2.7 semester units   |
| Latin Literature                    | No course equivalency – GE Humanities<br>5 semester units   | Area C2 <i>(if completed prior to Fall 2009)</i><br>3 semester units   | 6 semester units                 | Area 3B <b>and</b> 6A<br>3 semester units       | 4 quarter/<br>2.7 semester units   |
| Latin Vergil                        | No course equivalency – GE Humanities<br>5 semester units   | Area C2 <i>(if completed prior to Fall 2012)</i><br>3 semester units   | 6 semester units                 | Area 3B <b>and</b> 6A<br>3 semester units       | 4 quarter/<br>2.7 semester units   |

continued on next page

| EXAM                                | SMC ASSOCIATE DEGREE<br>(MAJOR AND/OR GE)  | CSU GE  | CSU UNITS<br>EARNED<br>TOWARD<br>TRANSFER                                       | IGETC                              | UC UNITS EARNED<br>TOWARD TRANSFER                                   |
|-------------------------------------|--|---|---|------------------------------------|--|
| Music Theory                        | <b>Score of 3:</b> No course equivalency – Elective<br>3 semester units<br><b>Score of 4 or 5:</b><br><b>MUSIC 2 and 6</b><br>5 semester units                           | Area C1 ( <i>if completed prior to Fall 2009</i> )<br>3 semester units            | 6 semester units  | N/A                                | 8 quarter/<br>5.3 semester units                                     |
| Physics B                           | <b>PHYSICS 12</b> plus 1 unit =<br>4 units; 4 GE units   | Area B1 and B3<br>( <i>if completed prior to Fall 2013</i> )<br>4 semester units* | 6 semester units*   | Area 5A and 5C<br>4 semester units | 8 quarter/<br>5.3 semester units**                                   |
| Physics C – Mechanics               | <b>PHYSICS 6</b><br>4 semester units; Cannot be used for placement into Physics 7  | Area B1 and B3<br>4 semester units*   | 4 semester units*   | Area 5A and 5C<br>3 semester units | 4 quarter/<br>2.7 semester units**                                   |
| Physics C – Electricity & Magnetism | <b>PHYSICS 7</b><br>4 semester units   | Area B1 and B3<br>4 semester units*   | 4 semester units*   | Area 5A and 5C<br>3 semester units | 4 quarter/<br>2.7 semester units**                                   |
| Physics 1                           | <b>PHYSICS 6</b><br>4 semester units   | Area B1 and B3<br>4 semester units  | 4 semester units  | Area 5A and 5C<br>4 semester units | 8 quarter/<br>5.3 semester units                                     |
| Physics 2                           | <b>PHYSICS 7</b><br>4 semester units   | Area B1 and B3<br>4 semester units  | 4 semester units  | Area 5A and 5C<br>4 semester units | 8 quarter/<br>5.3 semester units                                     |
| AP PHYSICS EXAM LIMITATIONS         |  |   | <b>*Maximum 4 semester units toward GE and 6 semester units toward transfer</b> |                                    | <b>**Maximum credit for 3 exams is 8 quarter/ 5.3 semester units</b> |
| Psychology                          | <b>PSYCH 1</b><br>3 semester units   | Area D9<br>3 semester units   | 3 semester units  | Area 4I<br>3 semester units        | 4 quarter/<br>2.7 semester units                                     |
| Seminar                             | N/A  | N/A   | 3 semester units  | N/A                                | N/A  |
| Spanish Language & Culture          | <b>SPAN 3</b><br>5 semester units  | Area C2<br>3 semester units   | 6 semester units  | Area 3B and 6A<br>3 semester units | 8 quarter/<br>5.3 semester units                                     |
| Spanish Literature & Culture        | No course equivalency – GE Humanities<br>5 semester units  | Area C2<br>3 semester units   | 6 semester units  | Area 3B and 6A<br>3 semester units | 8 quarter/<br>5.3 semester units                                     |
| Statistics                          | <b>MATH 54</b><br>4 semester units   | Area B4<br>3 semester units   | 3 semester units  | Area 2<br>3 semester units         | 4 quarter/<br>2.7 semester units                                     |
| Studio Art 2D Design                | No course equivalency ( <i>credit for the Associate Degree major may be granted upon petition to the Art Dept. and portfolio review</i> ) – Elective<br>3 semester units | N/A   | 3 semester units  | N/A                                | 8 quarter/<br>5.3 semester units                                     |
| Studio Art 3D Design                | No course equivalency ( <i>credit for the Associate Degree major may be granted upon petition to the Art Dept. and portfolio review</i> ) – Elective<br>3 semester units | N/A   | 3 semester units  | N/A                                | 8 quarter/<br>5.3 semester units                                     |
| Studio Art                          | No course equivalency ( <i>credit for the Associate Degree major may be granted upon petition to the Art Dept. and portfolio review</i> ) – Elective<br>3 semester units | N/A   | 3 semester units  | N/A                                | 8 quarter/<br>5.3 semester units                                     |
| AP STUDIO ART EXAM LIMITATIONS      |  |   |   |                                    | <b>*Maximum credit for 3 exams is 8 quarter/ 5.3 semester units</b>  |

## CREDIT BY EXAM: COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Students must have the College Board send CLEP exam results to the Admissions Office (hand carried copies will not be accepted) for use on a degree or GE pattern.

CLEP exams CANNOT be used to meet the IGETC requirements. UC does not accept CLEP exams.

CLEP exams may be incorporated into CSU GE requirements by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated CSU GE area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of CSU GE requirements.

Students should check with other prospective transfer institutions regarding acceptance of CLEP scores.

**English and Mathematics CLEP exams cannot be used for placement or as a waiver for a prerequisite.**

CLEP credit granted at SMC may differ from course credit and units granted by a transfer institution.

A student must be actively enrolled at SMC when applying for credit by CLEP exam. CLEP credit may not be used to meet any residency requirement. Official CLEP scores must be sent to the Admissions Office directly from the College Board. Hand-delivered copies will not be accepted.

| EXAM   | MINIMUM CLEP SCORE | UNITS TOWARD SMC DEGREE | SMC GENERAL EDUCATION, DEGREE and/or COURSE CREDIT   | CSU GE AREA       | SEMESTER UNITS TOWARD CSU GE | MINIMUM CSU SEMESTER UNITS EARNED TOWARD TRANSFER |    |
|--|--------------------|-------------------------|--|-------------------|------------------------------|---|----|
| American Government  | 50                 | 3                       | GE: Social Science Area II: Group A or B<br>DEGREE: Liberal Arts – Social and Behavioral Sciences: Group A             | D8                | 3                            | 3   |    |
| American Literature  | 50                 | 3                       | GE: Humanities Area III  | C2                | 3                            | 3   |    |
| Analyzing and Interpreting Literature                      | 50                 | 3                       | GE: Humanities Area III  | C2                | 3                            | 3   |    |
| Biology  | 50                 | 3                       | COURSE: Biology 3*   | B2                | 3                            | 3   |    |
| Calculus   | 50                 | 5                       | COURSE: Mathematics 7*   | B4                | 3                            | 3   |    |
| Chemistry  | 50                 | 5                       | COURSE: Chemistry 10*  | B1                | 3                            | 3   |    |
| College Algebra  | 50                 | 3                       | COURSE: Mathematics 26*  | B4                | 3                            | 3   |    |
| College Algebra-Trigonometry                               | 50                 |                         |  | B4                | 3                            | 3   |    |
| College Mathematics  | 50                 | 0                       | N/A  | N/A               | 0                            | 0   |    |
| English Composition (no essay)                             | 50                 | 3                       | GE: Language and Rationality Area IV: Group A  | N/A               | 0                            | 0   |    |
| English Composition (with essay)                           | 50                 | 3                       | GE: Language and Rationality Area IV: Group A  | N/A               | 0                            | 0   |    |
| English Literature   | 50                 | 3                       | GE: Humanities Area III<br>DEGREE: Liberal Arts – Arts and Humanities: Group B   | C2                | 3                            | 3   |    |
| Financial Accounting                                       | 50                 | 3                       | N/A  | N/A               | 0                            | 3   |    |
| French (max of 10 units awarded)                           | Level I            | 50                      | 5  | N/A               | N/A                          | 0   | 6  |
|  | Level II           | 59                      | 10   | COURSE: French 1* | C2                           | 3   | 12 |
| German (max of 10 units awarded)                           | Level I            | 50                      | 5  | N/A               | N/A                          | 0   | 6  |
|  | Level II           | 60                      | 10   | COURSE: German 1* | C2                           | 3   | 12 |
| History of the United States I: Early Colonization to 1877 | 50                 | 3                       | GE: Social/Behavioral Sciences Area II: Group A or B<br>DEGREE: Liberal Arts – Social and Behavioral Sciences: Group A | D6+US-1           | 3                            | 3   |    |
| History of the United States II: 1865 to the Present       | 50                 | 3                       | GE: Social Science Area II: Group A or B<br>DEGREE: Liberal Arts – Social and Behavioral Sciences: Group A             | D6+US-1           | 3                            | 3   |    |
| Human Growth and Development                               | 50                 | 3                       | GE: Social Science Area II: Group B<br>DEGREE: Liberal Arts – Social and Behavioral Sciences: Group B                  | E                 | 3                            | 3   |    |

*continued on next page*

| EXAM  | MINIMUM CLEP SCORE | UNITS TOWARD SMC DEGREE | SMC GENERAL EDUCATION, DEGREE and/or COURSE CREDIT  | CSU GE AREA        | SEMESTER UNITS TOWARD CSU GE | MINIMUM CSU SEMESTER UNITS EARNED TOWARD TRANSFER |    |
|---|--------------------|-------------------------|---|--------------------|------------------------------|---|----|
| Humanities  | 50                 | 3                       | GE: Humanities Area III<br>DEGREE: Liberal Arts – Arts and Humanities: Group B                | C2                 | 3                            | 3   |    |
| Information Systems and Computer Applications     | 50                 | 3                       | COURSE: Computer Science 3*   | N/A                | 0                            | 3   |    |
| Introduction to Educational Psychology            | 50                 | 3                       | N/A   | N/A                | 0                            | 3   |    |
| Introductory Business Law                         | 50                 | 3                       | COURSE: Business 5*   | N/A                | 0                            | 3   |    |
| Introductory Psychology                           | 50                 | 3                       | COURSE: Psychology 1*   | D9                 | 3                            | 3   |    |
| Introductory Sociology                            | 50                 | 3                       | COURSE: Sociology 1*  | D0                 | 3                            | 3   |    |
| Natural Sciences                                  | 50                 | 3                       | GE: Natural Science Area I<br>DEGREE: General Science: Group B or C                           | B1 or B2           | 3                            | 3   |    |
| Pre-Calculus                                      | 50                 | 5                       | COURSE: Mathematics 2*  | B4                 | 3                            | 3   |    |
| Principles of Accounting                          | 50                 |                         |   | N/A                | 0                            | 3   |    |
| Principles of Macroeconomics                      | 50                 | 3                       | COURSE: Economics 2*  | D2                 | 3                            | 3   |    |
| Principles of Management                          | 50                 | 3                       | COURSE: Business 65*  | N/A                | 0                            | 3   |    |
| Principles of Marketing                           | 50                 | 3                       | COURSE: Business 20*  | N/A                | 0                            | 3   |    |
| Principles of Microeconomics                      | 50                 | 3                       | COURSE: Economics 1*  | D2                 | 3                            | 3   |    |
| Social Sciences and History                       | 50                 | 3                       | GE: Social Science: Group B<br>DEGREE: Liberal Arts – Social and Behavioral Sciences: Group B | N/A                | 0                            | 0   |    |
| Spanish (max of 10 units awarded)                 | Level I            | 50                      | 5   | N/A                | N/A                          | 0   | 6  |
|   | Level II           | 63                      | 10  | COURSE: Spanish 1* | C2                           | 3   | 12 |
| Trigonometry                                      | 50                 |                         |   | B4                 | 3                            | 3   |    |
| Western Civilization I: Ancient Near East to 1648 | 50                 | 3                       | GE: Humanities Area III<br>DEGREE: Liberal Arts – Arts and Humanities: Group B                | C2 or D6           | 3                            | 3   |    |
| Western Civilization II: 1648 to the Present      | 50                 | 3                       | GE: Humanities Area III<br>DEGREE: Liberal Arts – Arts and Humanities: Group B                | D6                 | 3                            | 3   |    |

\*Students should be aware that CLEP credit is evaluated by corresponding it to the equivalent SMC course.

**Example:** Biology 3. A student who receives CLEP credit for “Biology” and then takes the equivalent SMC course will have the unit credit for such duplication deducted prior to being awarded the degree.



**CREDIT BY EXAM: INTERNATIONAL BACCALAUREATE (IB) EXAMS****NOTE: All exams must be Higher Level (HL)**

Students may earn credit for International Baccalaureate (IB) exams with scores listed below for Higher Level (HL) exams.

IB credit can be used to meet the SMC GE requirements. An acceptable IB score is equivalent to 3 semester units or 4 quarter units.

UC and CSU campuses may award more units in transfer.

IB credit granted at SMC may differ from course credit and units granted by a transfer institution.

| INTERNATIONAL BACCALAUREATE (IB) EXAM         | MINIMUM SCORE FOR SMC AND CSU | SMC GE AREA         | UNITS TOWARD SMC DEGREE | CSU SEMESTER CREDITS EARNED | CSU GE CREDITS | CSU GE AREA                          | MINIMUM SCORE FOR IGETC | IGETC AREA       | IGETC UNITS |
|---|-------------------------------|---------------------|-------------------------|-----------------------------|----------------|--------------------------------------|-------------------------|------------------|-------------|
| IB Biology                                    | 5                             | I                   | 3                       | 6                           | 3              | B2                                   | 5                       | 5B (w/o lab)     | 3           |
| IB Chemistry                                  | 5                             | I                   | 3                       | 6                           | 3              | B1                                   | 5                       | 5A (w/o lab)     | 3           |
| IB Economics                                  | 5                             | II B                | 3                       | 6                           | 3              | D2                                   | 5                       | 4B               | 3           |
| IB Geography                                  | 5                             | II B                | 3                       | 6                           | 3              | D5                                   | 5                       | 4E               | 3           |
| IB History (any region)                       | 5                             | II B                | 3                       | 6                           | 3              | C2 <u>or</u> D6                      | 5                       | 3B <u>or</u> 4F  | 3           |
| IB History (U.S.)                             |                               | II A <u>or</u> II B | 3                       |                             |                |                                      |                         |                  |             |
| IB Language A – Literature                    | 4                             |                     |                         | 6                           | 3              | C2                                   | 5                       |                  |             |
| IB Language A – Language and Literature       | 4                             |                     |                         | 6                           | 3              | C2                                   | 5                       |                  |             |
| IB Language A1 (any language)                 | 4                             | III                 | 3                       | 6                           | 3              | C2 (if completed prior to Fall 2013) | 5                       | 3B               | 3           |
| IB Language A1 (any language, except English) |                               |                     |                         |                             |                |                                      |                         | 3B <u>and</u> 6A | 3           |
| IB Language A2 (any language)                 | 4                             | III                 | 3                       | 6                           | 3              | C2 (if completed prior to Fall 2013) | 5                       | 3B               | 3           |
| IB Language B (any language)                  | 4                             | III                 | 3                       | 6                           | 0              | N/A                                  | 5                       | 6A               | 3           |
| IB Mathematics                                | 4                             | IV B                | 3                       | 6                           | 3              | B4                                   | 5                       | 2                | 3           |
| IB Physics                                    | 5                             | I                   | 3                       | 6                           | 3              | B1                                   | 5                       | 5A (w/o)         | 3           |
| IB Psychology                                 | 5                             | II B                | 3                       | 3                           | 3              | D9                                   | 5                       | 4I               | 3           |
| IB Theatre                                    | 4                             | III                 | 3                       | 6                           | 3              | C1                                   | 5                       |                  |             |

# Academic Programs



# Academic Programs

All programs offered at Santa Monica College are designed to provide students with the necessary skills to compete successfully in related job markets and/or for transfer to a four-year college or university. Each career program has an advisory board composed of industry representatives to insure that the curricula are current and that they meet industry needs and standards.

Requirements for Degrees, Certificates of Achievement, and Department Certificates as well as requirements/recommendations for transfer preparation are available in the Transfer/Counseling Center and online. Students should note that completion of degree and/or certificate requirements may not adequately satisfy transfer major requirements. Students are **STRONGLY** encouraged to meet with a counselor to develop an academic program best suited for their transfer institution and intended major.

## DEGREE AND CERTIFICATE REQUIREMENTS

General requirements for Degrees and Certificates can be found on pages 59.

## CATALOG RIGHTS

A student may satisfy the requirements of a degree or certificate that were in effect at any time of the student's continuous enrollment. Continuous enrollment is defined as enrollment in consecutive Fall and Spring semesters until completion.

## CURRICULAR OFFERINGS

Below is SMC's curricular offerings. This can also be found online at [smc.edu](http://smc.edu) for easier and up-to-date access.

| Areas of Study                     | Transfer Preparation, Degrees, and Certificates Offered<br>(NOTE: Associate degrees require a minimum of 60 units including the Area of Emphasis and General Education)   | Primary Academic Department(s)  |
|------------------------------------|---|---|
| Accounting                         | <ul style="list-style-type: none"> <li>Transfer Preparation</li> <li>Accounting Associate Degree</li> <li>General Accountant Certificate of Achievement (22 units)</li> <li>Professional Accountant Certificate of Achievement (35 units)</li> <li>Computer Accounting Department Certificate (14 units)</li> </ul> | <ul style="list-style-type: none"> <li>Business</li> </ul>                        |
| Administration of Justice          | <ul style="list-style-type: none"> <li>Transfer Preparation</li> </ul>  | <ul style="list-style-type: none"> <li>Business</li> </ul>                        |
| African and Middle Eastern Studies | <ul style="list-style-type: none"> <li>African and Middle Eastern Studies Department Certificate (16 units)</li> <li><i>See also Modern Languages</i></li> </ul>  | <ul style="list-style-type: none"> <li>Modern Languages and Cultures</li> </ul>   |
| American Sign Language             | <i>See Modern Languages</i>   | <ul style="list-style-type: none"> <li>Modern Languages and Cultures</li> </ul>   |
| Anatomy                            | <i>See Biological Sciences</i>  | <ul style="list-style-type: none"> <li>Life Sciences</li> </ul>                   |
| Animation                          | <i>See Entertainment Technology</i>   | <ul style="list-style-type: none"> <li>Design Technology</li> </ul>               |
| Anthropology                       | <ul style="list-style-type: none"> <li>Transfer Preparation</li> <li>Anthropology Associate Degree for Transfer</li> </ul>  | <ul style="list-style-type: none"> <li>Earth Sciences</li> </ul>                  |
| Arabic                             | <i>See Modern Languages</i>   | <ul style="list-style-type: none"> <li>Modern Languages and Cultures</li> </ul>   |
| Art                                | <ul style="list-style-type: none"> <li>Transfer Preparation</li> <li>Studio Arts Associate Degree for Transfer</li> <li>Art Associate Degree</li> </ul>   | <ul style="list-style-type: none"> <li>Art</li> </ul>                             |
| Art History                        | <ul style="list-style-type: none"> <li>Transfer Preparation</li> <li>Art History Associate Degree for Transfer</li> </ul>   | <ul style="list-style-type: none"> <li>Art</li> </ul>                             |
| Asian Studies                      | <ul style="list-style-type: none"> <li>Asian Studies Department Certificate (16 units)</li> <li><i>See also Modern Languages</i></li> </ul>   | <ul style="list-style-type: none"> <li>Modern Languages and Cultures</li> </ul>   |
| Astronomy                          | <ul style="list-style-type: none"> <li>Transfer Preparation</li> </ul>  | <ul style="list-style-type: none"> <li>Earth Sciences</li> </ul>                  |
| Athletic Coaching                  | <ul style="list-style-type: none"> <li>Athletic Coaching Associate Degree</li> <li>Athletic Coaching Certificate of Achievement (24 units)</li> <li><i>See also Kinesiology/Physical Education</i></li> </ul>   | <ul style="list-style-type: none"> <li>Kinesiology</li> </ul>                     |
| Automotive Technology              | <ul style="list-style-type: none"> <li>Transfer Preparation</li> <li>Automotive Technician – Introductory Department Certificate (12 units)</li> </ul>  | <ul style="list-style-type: none"> <li>Business</li> </ul>                        |
| Bicycle Maintenance – Noncredit    |   | <ul style="list-style-type: none"> <li>Business</li> </ul>                        |
| Biological Sciences                | <ul style="list-style-type: none"> <li>Transfer Preparation</li> <li>Environmental Science Associate Degree</li> <li>Environmental Science Certificate of Achievement (39 units)</li> </ul>   | <ul style="list-style-type: none"> <li>Life Sciences</li> </ul>                   |
| Biology                            | <i>See Biological Sciences</i>  | <ul style="list-style-type: none"> <li>Life Sciences</li> </ul>                   |
| Botany                             | <i>See Biological Sciences</i>  | <ul style="list-style-type: none"> <li>Life Sciences</li> </ul>                   |
| Broadcasting                       | <i>See Media Studies</i>  | <ul style="list-style-type: none"> <li>Communication and Media Studies</li> </ul> |

*Transfer and program requirements are subject to change. For the most up-to-date information regarding transfer preparation visit [assist.org](http://assist.org) and regarding degree and certificate requirements visit [smc.edu/articulation](http://smc.edu/articulation).*

| Areas of Study               | Transfer Preparation, Degrees, and Certificates Offered<br>(NOTE: Associate degrees require a minimum of 60 units including the Area of Emphasis and General Education)  | Primary Academic Department(s)   |
|------------------------------|--|--|
| Business                     | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Business               <ul style="list-style-type: none"> <li>– Business Administration Associate Degree for Transfer</li> <li>– Business Associate Degree</li> </ul> </li> <li>• Entrepreneurship               <ul style="list-style-type: none"> <li>– Entrepreneurship Certificate of Achievement (24 units)</li> <li>– Business: Entrepreneurship Department Certificate (12 units)</li> <li>– Business: Salon Entrepreneurship (see Cosmetology)</li> </ul> </li> <li>• Insurance               <ul style="list-style-type: none"> <li>– Insurance Professional Associate Degree</li> <li>– Insurance Professional Certificate of Achievement (31 units)</li> <li>– Insurance Specialist Certificate of Achievement (12 units)</li> </ul> </li> <li>• International               <ul style="list-style-type: none"> <li>– International Business Certificate of Achievement (24 units)</li> <li>– Business: International Department Certificate (12 units)</li> </ul> </li> <li>• Logistics               <ul style="list-style-type: none"> <li>– Logistics/Supply Chain Management Associate Degree</li> <li>– Logistics/Supply Chain Management Certificate of Achievement (24 units)</li> <li>– Business: Logistics Department Certificate (12 units)</li> </ul> </li> <li>• Management               <ul style="list-style-type: none"> <li>– Management/Leadership Associate Degree</li> <li>– Management/Leadership Certificate of Achievement (27 units)</li> <li>– Business: Management Department Certificate (12 units)</li> </ul> </li> <li>• Marketing               <ul style="list-style-type: none"> <li>– Marketing Certificate of Achievement (24 units)</li> <li>– Business: Marketing Department Certificate (12 units)</li> </ul> </li> <li>• Sales and Promotion               <ul style="list-style-type: none"> <li>– Sales and Promotion (formerly Merchandising) Associate Degree</li> <li>– Sales and Promotion (formerly Merchandising) Certificate of Achievement (24 units)</li> <li>– Business: Merchandising Department Certificate (12 units)</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Business</li> </ul>                                 |
| Business – Noncredit         |  | <ul style="list-style-type: none"> <li>• Business</li> </ul>                                 |
| Chemistry                    | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>   | <ul style="list-style-type: none"> <li>• Physical Sciences</li> </ul>                        |
| Chinese                      | <i>See Modern Languages</i>  | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>            |
| Communication Studies        | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Communication Studies Associate Degree for Transfer</li> <li>• <i>See also Journalism</i></li> <li>• <i>See also Media Studies</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Communication and Media Studies</li> </ul>          |
| Computer Information Systems | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Computer Business Applications Associate Degree</li> <li>• Website Software Specialist Associate Degree</li> <li>• Computer Business Applications Certificate of Achievement (30 units)</li> <li>• Website Software Specialist Certificate of Achievement (31 units)</li> <li>• Digital Publishing Department Certificate (17 units)</li> <li>• Website Creator Department Certificate (15 units)</li> <li>• Website Development Management Department Certificate (13 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• Computer Science and Information Systems</li> </ul> |



| Areas of Study                                    | Transfer Preparation, Degrees, and Certificates Offered<br>(NOTE: Associate degrees require a minimum of 60 units including the Area of Emphasis and General Education)  | Primary Academic Department(s)   |
|---|--|--|
| Computer Science                                  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Computer Programming Associate Degree</li> <li>• Computer Science Associate Degree</li> <li>• Database Applications Developer Associate Degree</li> <li>• Web Programmer Associate Degree</li> <li>• Computer Programming Certificate of Achievement (27 units)</li> <li>• Computer Science Certificate of Achievement (34 units)</li> <li>• Database Applications Developer Certificate of Achievement (33 units)</li> <li>• Web Programmer Certificate of Achievement (30 units)</li> <li>• Cloud Computing Department Certificate (15 units)</li> <li>• Computer Programming Department Certificate (12 units)</li> <li>• Information Systems Management Department Certificate (13 units)</li> <li>• Mobile Apps Development – Android Department Certificate (15 units)</li> <li>• Mobile Apps Development – iPhone Department Certificate (12 units)</li> <li>• Networking Department Certificate (17 units)</li> </ul> | <ul style="list-style-type: none"> <li>• Computer Science and Information Systems</li> </ul> |
| Cosmetology                                       | <ul style="list-style-type: none"> <li>• Cosmetology Associate Degree</li> <li>• Cosmetology Certificate of Achievement (25.5 units)</li> <li>• Esthetician Department Certificate (12 units)</li> <li>• Nail Care Department Certificate (9 units)</li> <li>• Business: Salon Entrepreneurship Department Certificate (11 units)</li> </ul>   | <ul style="list-style-type: none"> <li>• Cosmetology</li> </ul>                              |
| Counseling  |  | <ul style="list-style-type: none"> <li>• Counseling</li> </ul>                               |
| Counseling – Disable Student Services             |  | <ul style="list-style-type: none"> <li>• Counseling – DSPS</li> </ul>                        |
| Counseling – Disable Student Services – Noncredit |  | <ul style="list-style-type: none"> <li>• Counseling – DSPS</li> </ul>                        |
| Counseling – Noncredit                            |  | <ul style="list-style-type: none"> <li>• Counseling</li> </ul>                               |
| Dance   | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Dance Associate Degree</li> <li>• Dance Teacher (Pre K-grade 5) Department Certificate (17 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• Dance</li> </ul>                                    |
| Digital Media                                     | <i>See Entertainment Technology</i>  | <ul style="list-style-type: none"> <li>• Design Technology</li> </ul>                        |
| Early Childhood Education                         | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Early Childhood Education Associate Degree for Transfer</li> <li>• Early Childhood Education – Career Associate Degree</li> <li>• Early Intervention Assistant Associate Degree</li> <li>• Infant/Toddler Teacher Associate Degree</li> <li>• Early Childhood Education – Career Certificate of Achievement (30 units)</li> <li>• Early Intervention Assistant Certificate of Achievement (33 units)</li> <li>• Infant/Toddler Teacher Certificate of Achievement (30 units)</li> <li>• Early Childhood Education Core Department Certificate (12 units)</li> </ul>   | <ul style="list-style-type: none"> <li>• Education/Early Childhood</li> </ul>                |
| Early Childhood Education – Noncredit             |  | <ul style="list-style-type: none"> <li>• Education/Early Childhood</li> </ul>                |
| Economics   | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Economics Associate Degree for Transfer</li> </ul>  | <ul style="list-style-type: none"> <li>• Philosophy and Social Sciences</li> </ul>           |
| Education   | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>   | <ul style="list-style-type: none"> <li>• Education/Early Childhood</li> </ul>                |
| Energy Efficiency                                 | <ul style="list-style-type: none"> <li>• Energy Efficiency Specialist Department Certificate (13 units)</li> <li>• <i>See also Photovoltaic Installation</i></li> </ul>  | <ul style="list-style-type: none"> <li>• Earth Sciences</li> </ul>                           |
| Engineering                                       | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>   | <ul style="list-style-type: none"> <li>• Physical Sciences</li> </ul>                        |
| English   | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>   | <ul style="list-style-type: none"> <li>• English</li> </ul>                                  |
| English – Noncredit                               |  | <ul style="list-style-type: none"> <li>• English</li> </ul>                                  |
| ESL – English as a Second Language                |  | <ul style="list-style-type: none"> <li>• ESL</li> </ul>                                      |
| ESL – Noncredit                                   |  | <ul style="list-style-type: none"> <li>• ESL</li> </ul>                                      |

| Areas of Study                       | Transfer Preparation, Degrees, and Certificates Offered<br>(NOTE: Associate degrees require a minimum of 60 units including the Area of Emphasis and General Education)  | Primary Academic Department(s)  |
|--------------------------------------|--|---|
| Entertainment Technology             | <ul style="list-style-type: none"> <li>• Animation Associate Degree</li> <li>• Digital Media Associate Degree</li> <li>• Animation Certificate of Achievement (50 units)</li> <li>• Digital Media Certificate of Achievement (44 units)</li> <li>• 2D Animation Department Certificate (16 units)</li> <li>• 3D Animation Department Certificate (16 units)</li> <li>• 3D Modeling Department Certificate (16 units)</li> <li>• 3D Rendering Department Certificate (16 units)</li> <li>• Digital Effects Department Certificate (16 units)</li> <li>• Game Development Department Certificate (16 units)</li> <li>• Visual Development Department Certificate (16 units)</li> </ul> | <ul style="list-style-type: none"> <li>• Design Technology</li> </ul>   |
| Environmental Science                | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Environmental Science Associate Degree</li> <li>• Environmental Science Certificate of Achievement (39 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• Life Sciences</li> <li>• Interdepartmental</li> </ul>  |
| Environmental Studies                | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Environmental Studies Associate Degree</li> <li>• Environmental Studies Certificate of Achievement (24 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• Earth Sciences</li> <li>• Philosophy and Social Sciences</li> <li>• Interdepartmental</li> </ul>             |
| Ethnic Studies                       | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Ethnic Studies Associate Degree</li> <li>• Ethnic Studies Certificate of Achievement (21 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• English</li> <li>• History</li> <li>• Philosophy and Social Sciences</li> <li>• Interdepartmental</li> </ul> |
| Fashion Design and Merchandising     | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Fashion Design Associate Degree</li> <li>• Fashion Merchandising Associate Degree</li> <li>• Fashion Design Certificate of Achievement (40 units)</li> <li>• Fashion Merchandising Certificate of Achievement (40 units)</li> </ul>   | <ul style="list-style-type: none"> <li>• Photography/Fashion</li> </ul>   |
| Film Production                      | <ul style="list-style-type: none"> <li>• Film Production Associate Degree</li> <li>• Film Production Certificate of Achievement (30 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• Communication and Media Studies</li> </ul>   |
| Film Studies                         | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Film Studies Associate Degree</li> </ul>  | <ul style="list-style-type: none"> <li>• Communication and Media Studies</li> </ul>   |
| First Aid                            |  | <ul style="list-style-type: none"> <li>• Kinesiology</li> </ul>   |
| French                               | <i>See Modern Languages</i>  | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>   |
| General Education                    | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• CSU GE Certificate of Achievement</li> <li>• IGETC Certificate of Achievement</li> </ul>  | <ul style="list-style-type: none"> <li>• Counseling</li> </ul>  |
| General Science                      | <i>See Science</i>   | <ul style="list-style-type: none"> <li>• Earth Sciences</li> <li>• Life Sciences</li> <li>• Physical Sciences</li> <li>• Interdepartmental</li> </ul> |
| Geographic Information Systems (GIS) | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>   | <ul style="list-style-type: none"> <li>• Earth Sciences</li> </ul>  |
| Geography                            | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Geography Associate Degree for Transfer</li> </ul>  | <ul style="list-style-type: none"> <li>• Earth Sciences</li> </ul>  |
| Geology                              | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>   | <ul style="list-style-type: none"> <li>• Earth Sciences</li> </ul>  |
| German                               | <i>See Modern Languages</i>  | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>   |
| Global Studies                       | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Global Studies Associate Degree</li> <li>• Global Studies Certificate of Achievement (21 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• Earth Sciences</li> <li>• Philosophy and Social Sciences</li> <li>• Interdepartmental</li> </ul>             |
| Graphic Design                       | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Graphic Design Associate Degree</li> <li>• Graphic Design Certificate of Achievement (40 units)</li> <li>• User Experience Design Department Certificate (17 units)</li> <li>• Web Design Department Certificate (17 units)</li> <li>• <i>See also Interaction Design</i></li> </ul>  | <ul style="list-style-type: none"> <li>• Design Technology</li> </ul>   |
| Health Education                     | <i>See Kinesiology / Physical Education, Nursing, Occupational Therapy, Respiratory Therapy</i>  | <ul style="list-style-type: none"> <li>• Kinesiology</li> <li>• Health Sciences</li> </ul>  |

| Areas of Study                 | Transfer Preparation, Degrees, and Certificates Offered<br>(NOTE: Associate degrees require a minimum of 60 units including the Area of Emphasis and General Education)   | Primary Academic Department(s)   |
|--------------------------------|---|--|
| Health Education – Noncredit   |   | <ul style="list-style-type: none"> <li>• Kinesiology</li> <li>• Health Sciences</li> </ul> |
| Hebrew                         | <i>See Modern Languages</i>   | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>          |
| History                        | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• History Associate Degree for Transfer</li> </ul>   | <ul style="list-style-type: none"> <li>• History</li> </ul>                                |
| Humanities                     |   | <ul style="list-style-type: none"> <li>• English</li> </ul>                                |
| Interaction Design             | <ul style="list-style-type: none"> <li>• Interaction Design <b>Bachelor Degree</b></li> <li>• <i>See also Graphic Design</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Design Technology</li> </ul>                      |
| Interior Architectural Design  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Interior Architectural Design Associate Degree</li> <li>• Interior Architectural Design Certificate of Achievement (48 units)</li> <li>• Digital Production and Design Department Certificate (15 units)</li> <li>• Set Design and Art Direction for Film And TV Department Certificate (15 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• Design Technology</li> </ul>                      |
| Italian                        | <i>See Modern Languages</i>   | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>          |
| Japanese                       | <i>See Modern Languages</i>   | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>          |
| Journalism                     | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Journalism Associate Degree for Transfer</li> <li>• Journalism – Multimedia Storytelling Associate Degree</li> <li>• <i>See also Communication Studies</i></li> <li>• <i>See also Media Studies</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Communication and Media Studies</li> </ul>        |
| Kinesiology/Physical Education | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Kinesiology Associate Degree for Transfer</li> <li>• Athletic Coaching Associate Degree</li> <li>• Athletic Coaching Certificate of Achievement (24 units)</li> </ul>  | <ul style="list-style-type: none"> <li>• Kinesiology</li> </ul>                            |
| Korean                         | <i>See Modern Languages</i>   | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>          |
| Latin American Studies         | <ul style="list-style-type: none"> <li>• Latin American Studies Department Certificate (16 units)</li> <li>• <i>See also Modern Languages</i></li> </ul>  | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>          |
| Liberal Arts                   | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Liberal Arts – Arts and Humanities Associate Degree</li> <li>• Liberal Arts – Social and Behavior Science Associate Degree</li> </ul>  | <ul style="list-style-type: none"> <li>• Interdepartmental</li> </ul>                      |
| Library Studies                |   | <ul style="list-style-type: none"> <li>• Library</li> </ul>                                |
| Linguistics                    | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>  | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>          |
| Mathematics                    | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Mathematics Associate Degree for Transfer</li> </ul>   | <ul style="list-style-type: none"> <li>• Mathematics</li> </ul>                            |
| Media Studies                  | <ul style="list-style-type: none"> <li>• Broadcast Programming and Production Associate Degree</li> <li>• Broadcast Sales and Management Associate Degree</li> <li>• Entertainment Promotion/Marketing Production Associate Degree</li> <li>• Broadcast Programming and Production Certificate of Achievement (20 units)</li> <li>• Broadcast Sales and Management Certificate of Achievement (21 units)</li> <li>• Entertainment Promotion/ Marketing Production Certificate of Achievement (24 units)</li> <li>• <i>See also Communication Studies</i></li> <li>• <i>See also Journalism</i></li> </ul> | <ul style="list-style-type: none"> <li>• Communication and Media Studies</li> </ul>        |
| Microbiology                   | <i>See Biological Sciences</i>  | <ul style="list-style-type: none"> <li>• Life Sciences</li> </ul>                          |

| Areas of Study   | Transfer Preparation, Degrees, and Certificates Offered<br>(NOTE: Associate degrees require a minimum of 60 units including the Area of Emphasis and General Education)   | Primary Academic Department(s)   |
|--|---|--|
| Modern Language courses offered in: <ul style="list-style-type: none"> <li>• American Sign Language</li> <li>• Arabic</li> <li>• Chinese</li> <li>• French</li> <li>• German</li> <li>• Hebrew</li> <li>• Italian</li> <li>• Japanese</li> <li>• Korean</li> <li>• Persian</li> <li>• Portuguese</li> <li>• Russian</li> <li>• Spanish</li> <li>• Turkish</li> </ul> | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Spanish Associate Degree for Transfer</li> <li>• African and Middle Eastern Studies Department Certificate (16 units)</li> <li>• Asian Studies Department Certificate (16 units)</li> <li>• Latin American Studies Department Certificate (16 units)</li> <li>• <i>See also Spanish</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>            |
| Music  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Music Associate Degree</li> <li>• Music, Applied Option Associate Degree</li> </ul>  | <ul style="list-style-type: none"> <li>• Music</li> </ul>                                    |
| Nursing – Registered Nurse   | <ul style="list-style-type: none"> <li>• Nursing (ADN) Associate Degree</li> </ul>  | <ul style="list-style-type: none"> <li>• Health Sciences</li> </ul>                          |
| Nursing – Noncredit  |   | <ul style="list-style-type: none"> <li>• Health Sciences</li> </ul>                          |
| Nutrition and Dietetics  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Nutrition and Dietetics Associate Degree for Transfer</li> </ul>   | <ul style="list-style-type: none"> <li>• Life Sciences</li> </ul>                            |
| Occupational Therapy   |   | <ul style="list-style-type: none"> <li>• Health Sciences</li> </ul>                          |
| Office Technology  | <ul style="list-style-type: none"> <li>• General Office Associate Degree</li> <li>• Legal Administrative Assistant Associate Degree</li> <li>• Medical Administrative Assistant Associate Degree</li> <li>• Medical Coding and Billing Specialist Associate Degree</li> <li>• General Office Certificate of Achievement (27 units)</li> <li>• Legal Administrative Assistant Certificate of Achievement (27 units)</li> <li>• Medical Administrative Assistant Certificate of Achievement (33 units)</li> <li>• Medical Coding and Billing Specialist Certificate of Achievement (36 units)</li> <li>• Clerical/Data Entry Department Certificate (12 units)</li> <li>• Electronic Medical Records Clerk Department Certificate (9 units)</li> <li>• Hospital Inpatient Coder Department Certificate (9 units)</li> <li>• Medical Billing/Coding Department Certificate (15 units)</li> <li>• Medical Records Clerk/Receptionist Department Certificate (15 units)</li> <li>• Medical Transcription Department Certificate (15 units)</li> <li>• Word Processing Department Certificate (12 units)</li> </ul> | <ul style="list-style-type: none"> <li>• Computer Science and Information Systems</li> </ul> |
| Persian  | <i>See Modern Languages</i>   | <ul style="list-style-type: none"> <li>• Modern Languages and Cultures</li> </ul>            |
| Philosophy   | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>  | <ul style="list-style-type: none"> <li>• Philosophy and Social Sciences</li> </ul>           |
| Photography  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Photography Associate Degree</li> <li>• Photography Certificate of Achievement (40 units)</li> </ul>   | <ul style="list-style-type: none"> <li>• Photography/Fashion</li> </ul>                      |
| Photovoltaic Installation  | <ul style="list-style-type: none"> <li>• Solar Photovoltaic and Energy Efficiency Associate Degree</li> <li>• Solar Photovoltaic Installation Certificate of Achievement (14 units)</li> <li>• Basic Solar Photovoltaic Installation Department Certificate (8 units)</li> <li>• <i>See also Energy Efficiency</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Earth Sciences</li> </ul>                           |
| Physics  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>  | <ul style="list-style-type: none"> <li>• Physical Sciences</li> </ul>                        |
| Physiology   | <i>See Biological Sciences</i>  | <ul style="list-style-type: none"> <li>• Life Sciences</li> </ul>                            |
| Political Science  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Political Science Associate Degree for Transfer</li> <li>• <i>See also Public Policy</i></li> </ul>  | <ul style="list-style-type: none"> <li>• Philosophy and Social Sciences</li> </ul>           |
| Political Science – Noncredit  |   | <ul style="list-style-type: none"> <li>• Philosophy and Social Sciences</li> </ul>           |



| Areas of Study   | Transfer Preparation, Degrees, and Certificates Offered<br>(NOTE: Associate degrees require a minimum of 60 units including the Area of Emphasis and General Education)   | Primary Academic Department(s)  |
|--|---|---|
| Portuguese   | <i>See Modern Languages</i>   | • Modern Languages and Cultures   |
| Professional Courses in Kinesiology/Physical Education | <ul style="list-style-type: none"> <li>• Athletic Coaching Associate Degree</li> <li>• Athletic Coaching Certificate of Achievement (24 units)</li> </ul>   | • Kinesiology   |
| Psychology   | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>  | • Psychology  |
| Public Policy  | <ul style="list-style-type: none"> <li>• Public Policy Associate Degree</li> <li>• Public Policy Certificate of Achievement (20 units)</li> <li>• <i>See also Political Science</i></li> </ul>  | • Philosophy and Social Sciences  |
| Recycling and Resource Management                      | <ul style="list-style-type: none"> <li>• Recycling and Resource Management Associate Degree</li> <li>• Recycling and Resource Management Certificate of Achievement (18 units)</li> <li>• Recycling and Zero Waste Department Certificate (12 units)</li> </ul>                     | • Earth Sciences  |
| Religious Studies                                      |   | • English   |
| Respiratory Therapy                                    | <ul style="list-style-type: none"> <li>• Respiratory Therapy Associate Degree</li> </ul>  | • Health Sciences   |
| Russian  | <i>See Modern Languages</i>   | • Modern Languages and Cultures   |
| Science  | <ul style="list-style-type: none"> <li>• General Science Associate Degree</li> </ul>  | <ul style="list-style-type: none"> <li>• Earth Sciences</li> <li>• Life Sciences</li> <li>• Physical Sciences</li> <li>• Interdepartmental</li> </ul> |
| Sociology  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> </ul>  | • Philosophy and Social Sciences  |
| Spanish  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Spanish Associate Degree for Transfer</li> <li>• <i>See also Modern Languages</i></li> </ul>   | • Modern Languages and Cultures   |
| Student Activities                                     |   | • Counseling  |
| Studio Arts  | <i>See Art</i>  | • Art   |
| Theatre Arts   | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Theatre Arts Associate Degree for Transfer</li> <li>• Technical Theatre Associate Degree</li> <li>• Theatre Associate Degree</li> <li>• Technical Theatre Certificate of Achievement (19 units)</li> </ul> | • Theatre Arts  |
| Transfer   | <i>See General Education</i><br><i>See Liberal Arts</i><br><i>See Science</i>   | • Interdepartmental   |
| Turkish (see Modern Languages)                         | <i>See Modern Languages</i>   | • Modern Languages and Cultures   |
| Urban Studies  | <i>See Geography</i>  | • Earth Sciences  |
| Varsity Intercollegiate Athletics                      |   | • Athletics   |
| Women's Studies  | <ul style="list-style-type: none"> <li>• Transfer Preparation</li> <li>• Women's Studies Associate Degree</li> </ul>  | <ul style="list-style-type: none"> <li>• Philosophy and Social Sciences</li> <li>• Interdepartmental</li> </ul>                                       |
| Zoology  | <i>See Biological Sciences</i>  | • Life Sciences   |
| PRE-PROFESSIONAL ADVISING FOR:                         | <ul style="list-style-type: none"> <li>• Chiropractic</li> <li>• Dental</li> <li>• Dental Hygiene</li> <li>• Law</li> <li>• Medical</li> <li>• Pharmacy</li> <li>• Teacher Preparation</li> <li>• Veterinary</li> </ul>   | • Available in the Transfer/Counseling Center or at <a href="http://smc.edu/articulation">smc.edu/articulation</a>                                    |

# Degrees, Certificates, and Transfer Preparation Information

## Accounting

General accountants examine financial records of municipal, county, state, and federal agencies for compliance with laws. They record transactions, such as receivable, payable, payroll, property into a general ledger. Corporate accountants set up and design accounting/bookkeeping systems and procedures, risk management programs, tax law and finance methods, record financial transactions, and analyze and evaluate financial records for businesses. Their duties include interpreting financial information and preparing reports for business executives and government regulatory agencies. Advancement includes senior accountant, controller, treasurer, and chief financial officer positions.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Accounting Associate Degree
- General Accountant (*formerly Accounting*) Certificate of Achievement (22 units)
- Professional Accountant Certificate of Achievement (35 units)
- Computer Accounting Department Certificate (14 units)
- Related Area of Study: Business

### TRANSFER PREPARATION

Students planning to transfer to a four-year college or university should refer to the transfer preparation information under Business.

### ACCOUNTING, ASSOCIATE DEGREE

This program is for bookkeepers and accounting clerks who want to advance to a higher professional level. Business owners can strengthen their businesses with best ethical practices and compliance with current accounting standards and laws. Accountants may acquire specialized knowledge of accounting, which includes the setting up and designing of an effective accounting system, the interpretation and preparation of financial and tax information, and the reporting for business executives, partnerships, and nonprofit and governmental agencies.

**Program Learning Outcomes:** Upon completion of the program, students will effectively comprehend, record, post, and summarize financial accounting information from an original business transaction through the preparation of financial statements and the closing entries at the end of an accounting cycle. Students will demonstrate the ability to prepare calculations and use financial information for business management and decision making.

*Required Core Courses: (16 units)*

ACCTG 1, Introduction to Financial Accounting (5)  
 ACCTG 2, Corporate Financial and Managerial Accounting (5)  
 BUS 1, Introduction to Business (3)  
 BUS 32, Business Communications (3)

*Required Electives: (12 units required, with a minimum of 6 units from List A)*

*LIST A: Select 6 to 12 units:*

ACCTG 9, Accounting Ethics (3)

*or*

BUS 62, Human Relations and Ethical Issues in Business (3)

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ACCTG 31A, Excel for Accounting (3)

*or*

ACCTG 31B, Advanced Excel for Accounting (3)

*or*

CIS 30, Microsoft Excel (3)

*or*

CIS 35, QuickBooks (3)

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ACCTG 15, Individual Income Taxes (3)

ACCTG 45, Individual Financial Planning (3) (*same as BUS 45*)

*LIST B: Select a MAXIMUM of 7 units (if less than 12 units are completed from List A):*

ACCTG 6, Accounting Consolidations (3)

ACCTG 7, Advanced Accounting: Special Topics (3)

ACCTG 10A, Intermediate Accounting A (3)

ACCTG 10B, Intermediate Accounting B (3)

ACCTG 10C, Intermediate Accounting C (4)

ACCTG 11, Cost Accounting (3)

ACCTG 12, Auditing (3)

ACCTG 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)

BUS 5, Business Law (3)

### GENERAL ACCOUNTANT (FORMERLY ACCOUNTING), CERTIFICATE OF ACHIEVEMENT

This program is for bookkeepers and accounting clerks who want to advance to a higher professional level. Business owners can strengthen their businesses with best practices and compliance with current accounting standards and laws. Accountants may acquire specialized knowledge of accounting which include the setting up and designing of an effective accounting system, and the interpretation and preparation of financial and tax information. Students completing this Certificate of Achievement may wish to pursue the Accounting Associate Degree by satisfying additional requirements.

**Program Learning Outcomes:** Upon completion of the program, students will effectively comprehend, record, post, and summarize financial accounting information from an original business transaction through the preparation of financial statements and the closing entries at the end of an accounting cycle. Students will demonstrate the ability to prepare calculations and use financial information for business management and decision making.

*Required Core Courses: (16 units)*

ACCTG 1, Introduction to Financial Accounting (5)

ACCTG 2, Corporate Financial and Managerial Accounting (5)

*Elective Courses: Select a maximum of 12 units:*

ACCTG 1, Introduction to Financial Accounting (5)  
 ACCTG 2, Corporate Financial and Managerial Accounting (5)  
 ACCTG 10A, Intermediate Accounting A (3)  
 ACCTG 10B, Intermediate Accounting B (3)  
 ACCTG 10C, Intermediate Accounting C (4)  
 ACCTG 11, Cost Accounting (3)  
 ACCTG 12, Auditing (3)  
 ACCTG 15, Individual Income Taxes (3)  
 ACCTG 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)

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 ACCTG 31A, Excel for Accounting (3)

**or**

ACCTG 31B, Advanced Excel for Accounting (3)

**or**

CIS 35, QuickBooks (3) (*formerly same as ACCTG 35*)

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 ACCTG 45, Individual Financial Planning (3) (*same as BUS 45*)

BUS 5, Business Law (3)

### PROFESSIONAL ACCOUNTANT, CERTIFICATE OF ACHIEVEMENT

This program prepares holders of a Bachelor's degree to take the Certified Public Accountant (CPA) Board Exam. *For information on the CPA exam, please see the California Board of Accountancy website (dca.ca.gov/cba).*

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate a range of accounting skills and an understanding of accounting concepts that encompass all areas tested on the Certified Public Accounting exam. These areas include GAAP, cost accounting, accounting for income taxes, accounting ethics, professional auditing responsibilities, and analysis of complex and advanced accounting topics.

#### Required Courses:

ACCTG 1, Introduction to Financial Accounting (5)  
 ACCTG 2, Corporate Financial and Managerial Accounting (5)

-----  
 ACCTG 6, Accounting Consolidations (3)

**or**

ACCTG 7, Advanced Accounting: Special Topics (3)

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 ACCTG 9, Accounting Ethics (3)

ACCTG 10A, Intermediate Accounting A (3)

ACCTG 10B, Intermediate Accounting B (3)

ACCTG 10C, Intermediate Accounting C (4)

ACCTG 12, Auditing (3)

ACCTG 15, Individual Income Taxes (3)

BUS 5, Business Law (3)

#### Additional Recommended Courses:

ACCTG 11, Cost Accounting (3)

ACCTG 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)

ACCTG 31A, EXCEL for Accounting (3)

ACCTG 31B, Advanced EXCEL for Accounting (3)

BUS 6, Advanced Business Law (3) (*formerly same as ACCTG 26*)

BUS 45, Individual Financial Planning (3) (*same as ACCTG 45*)

CIS 4, Business Information Systems with Applications (3)

CIS 35, QuickBooks (3) (*formerly same as ACCTG 35*)

### COMPUTER ACCOUNTING, DEPARTMENT CERTIFICATE

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate basic knowledge of computerized accounting application software, such as word processing, spreadsheet, and basic general ledger applications.

#### Required Courses:

ACCTG 1, Introduction to Financial Accounting (5)

ACCTG 31A, Excel for Accounting (3)

CIS 4, Business Information Systems with Applications (3)

CIS 35, QuickBooks (3) (*formerly same as ACCTG 35*)

Students transferring courses to SMC from other institutions may use the following course(s) to meet any unit discrepancy:

ACCTG 31B, Advanced Excel for Accounting (3)

## Administration of Justice

### Programs Offered:

- Transfer Preparation

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

## African and Middle Eastern Studies

See *Modern Languages*

## American Sign Language

See *Modern Languages*

## Anatomy

See *Biological Sciences*

## Animation

See *Entertainment Technology*

## Anthropology

Anthropologist is a general term for those who study human societies, both present and past. A Socio-cultural Anthropologist may work in a field such as development, community organizing, policy analysis, and social research. Linguistic Anthropologists may work in the areas of intercultural communication, language revitalization, and literacy programs. An emphasis in Archaeology lends itself to work in one of many Federal and State agencies and private cultural resource management firms. Biological and Medical Anthropologists work in the growing sector of health related occupations and research. Consultants are employed in historical and ethnographic research, forensic work, archaeological survey and excavation, museums and teaching.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Anthropology Associate Degree for Transfer

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The University of California system has a transfer pathway for any UC campus that offers Anthropology. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

SMC offers the **Anthropology Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Anthropology AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/ad-search/search.shtml](http://calstate.edu/transfer/ad-search/search.shtml)

- Bakersfield: Anthropology – General, BA
- Channel Islands: Anthropology – General, BA
- Chico: Anthropology – General, BA
- Dominguez Hills: Anthropology – Archaeology, BA

- Dominguez Hills: Anthropology – General Anthropology, BA
- East Bay: Anthropology – Archeology and Biological Anthropology, BA
- East Bay: Anthropology – Socio-Cultural Anthropology, BA
- Fresno: Anthropology, BA
- Fullerton: Anthropology – General, BA
- Humboldt: Anthropology – General, BA
- Long Beach: Anthropology – General, BA
- Los Angeles: Anthropology – General, BA
- Monterey Bay: Social and Behavioral Sciences – Anthropology, BA
- Northridge: Anthropology – General, BA
- Pomona: Anthropology – Cultural Resource Management, BS
- Pomona: Anthropology – General Anthropology, BS
- Sacramento: Anthropology – General, BA
- San Bernardino: Anthropology – General, BA
- San Diego: Anthropology – General, BA
- San Francisco: Anthropology – General, BA
- San Jose: Anthropology, BA
- San Jose: Behavioral Science – Behavioral Science, BA
- San Jose: Humanities – Liberal Arts, BA
- San Jose: Special Major – Organizational Studies, BA
- San Luis Obispo: Anthropology-Geography – Individualized Course of Study, BS
- San Marcos: Anthropology – Indigenous Anthropology, BA
- San Marcos: Anthropology – Medical Anthropology, BA
- Sonoma: Anthropology – General, BA
- Stanislaus: Anthropology – Archaeology, BA
- Stanislaus: Anthropology – Ethnology, BA
- Stanislaus: Anthropology – General, BA
- Stanislaus: Anthropology – Physical Anthropology – Forensic, BA
- Stanislaus: Anthropology – Physical Anthropology – Medical, BA

### ANTHROPOLOGY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Anthropology for Transfer (AA-T) involves the critical examination of human societies, both present and past. It provides basic information about humankind and is designed to stimulate critical thinking about ways of living in the world. The courses of this degree address the four sub-disciplines of Anthropology which attempt to understand basic aspects of humankind. Cultural Anthropology studies human behavior to understand the cultural values that guide the behaviors. Archaeology examines the material record of human activity in order to understand how ideas change over time. Anthropological Linguistics is the study of the human capacity for language and its use. Physical Anthropology (also called Biological Anthropology) is the study of human evolution which includes human biological diversity.

Upon completion of the Associate in Arts in Anthropology for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Students who have completed the Associate in Arts for Transfer in Anthropology will have satisfied the lower division requirements for transfer into



Anthropology or similar majors for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate: recognition of the interrelationship between humans and their physical environment; recognition and appreciation as valid people's variable language histories and experiences; recognition of the value of the archaeological and fossil records; utility of the scientific method in observations of human attributes (biology, behavior, language, artifacts); and the ability to suspend judgment and understand people within the context of their opportunities and challenges.

*Required Core Course: (9 units)*

ANTHRO 1, Physical Anthropology (3)

*or*

ANTHRO 5, Physical Anthropology with Lab (4)

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ANTHRO 2, Cultural Anthropology (3)

ANTHRO 4, Methods of Archaeology (3)

*AREA A: Select at least 1 course from the following: (3 units)*

ANTHRO 7, Introduction to Linguistic Anthropology (3)

ANTHRO 22, Magic Religion and Witchcraft (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

ENGL 31, Advanced Composition (3)

GEOG 1, Introduction to the Natural Environment (3)

GEOG 2, Introduction to Human Geography (3)

HIST 47, The Practice of History (3)

MATH 54, Elementary Statistics (5)

*AREA B: Select at least 1 course from the following: (3 units)*

ANY COURSE NOT USED IN AREA A

ANATMY 1, Human Anatomy (4)

GEOG 20, Introduction to Geographic Information Systems (3) (*same as GIS 20*)

GEOL 4, Physical Geology with Laboratory (4)

GEOL 5, Earth History (4)

PHILOS 6, Philosophy of Science (3)

PSYCH 7, Research Methods in Psychology (3)

*AREA C: Select at least 1 course from the following:*

ANY COURSE NOT USED IN AREA A OR AREA B

ANTHRO 3, 9, 10, 14, 19, 20, 21, 35S

AHIS 11, 71, 72

COM ST 14, 37

DANCE 2

ECE 11, 18 (*same as PSYCH 18*)

ECON 5 (*same as POL SC 5 and GLOBAL 5*)

ENGL 9, 10, 34, 41, 53, 54

FILM 7

GEOG 8 (*same as URBAN 8*), 11 (*same as GLOBAL 11*), 14

GLOBAL 10

HIST 10, 16, 33, 34, 38, 39, 41, 42, 43, 62

MEDIA 10

MUSIC 33, 37

NUTR 7

POL SC 21

SOCIOL 1, 1s, 2, 2s, 30, 31, 32, 34

## Arabic

See *Modern Languages*

## Art

Artists express their thoughts and feelings by creating fine art works that are primarily intended for aesthetic enjoyment. Related career titles include advertising artist or designer, art administrator, furniture designer, illustrator, courtroom sketcher, medical illustrator, animator and toy designer. Some organizations that typically employ art majors include: studios, museums, auction houses, art councils, educational institutions, hospitals, interior design departments, advertising agencies, and film and media production companies.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Studio Art Associate Degree for Transfer
- Art Associate Degree
- Related Program: Art History

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

In addition to meeting academic requirements, most universities and art schools require prospective students to submit a portfolio with evidence of individual style and concepts for admission to be presented to the Art Department of each institution they apply to for admission.

It is highly recommended that students follow the "FOR TRANSFER CONSIDERATION AND PORTFOLIO DEVELOPMENT IN ART" with Elective Areas of Specialization prepared by the SMC Art Department. These recommendations may be found below, in the Transfer/Counseling Center, the Art Department, and online at [smc.edu/articulation](http://smc.edu/articulation). The recommendations will help students to develop a successful portfolio for transfer.

In addition, students should make an appointment with the institution of their choice to find out about specific courses and portfolio projects needed for transfer.

SMC offers the **Studio Arts Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the



California State University campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Studio Arts AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adts-search/search.shtml](http://calstate.edu/transfer/adts-search/search.shtml)

- Bakersfield: Art – Art (Studio/Professional Performance), BA
- Channel Islands: Art – Studio Art, BA
- Chico: Art – Art Studio, BA
- Dominguez Hills: Art – Art History, BA
- Dominguez Hills: Art – Design Option, BA
- East Bay: Art – Art Studio, BA
- East Bay: Art – Graphic Design (Electronic Art), BA
- East Bay: Art – Multimedia, BA
- East Bay: Art – Photography, BA
- East Bay: Art – Pictorial Arts (Drawing/Painting/Printmaking), BA
- East Bay: Art – Spatial Arts (Ceramics/Sculpture), BA
- Fresno: Art, BA
- Fresno: Graphic Design – Graphic Design, BFA
- Fullerton: Art – General Studio Art, BA
- Humboldt: Art – Art Studio, BA
- Long Beach: Art – Studio Art, BA
- Los Angeles: Art – Studio Arts, BA
- Monterey Bay: Visual and Public Art – Visual and Public Art – General, BA
- Northridge: Art – General, BA
- Sacramento: Art – Art Studio, BA
- San Bernardino: Art – Studio Art, BA
- San Diego: Art – Studio Arts, BA
- San Francisco: Art – Art Education, BA
- San Francisco: Art – Art History and Studio Art, BA
- San Francisco: Art – Studio Art, BA
- San Jose: Art – Studio Practice, BA
- San Jose: Creative Arts – Creative Arts, BA
- San Jose: Humanities – Liberal Arts, BA
- San Marcos: Visual and Performing Arts – Arts and Technology, BA
- San Marcos: Visual and Performing Arts – Visual Arts, BA
- Sonoma: Art – Art Studio, BA
- Stanislaus: Art – Studio, BA

## STUDIO ARTS, ASSOCIATE DEGREE FOR TRANSFER

Upon completion of the Associate in Arts in Studio Arts for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower division requirements for transfer into Studio Arts or similar majors for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will be able to demonstrate an ability to work with contemporary visual ideas and their solutions

as they apply to studio practice; have an understanding of conceptual thinking and the ability to communicate their ideas using research, which will include media, visual culture, art history, history, and an understanding of the importance of verbal and written skills; and develop strong visualization skills, professional attitude, and a portfolio that supports their goals.

*Required Core Courses: (12 units)*

- AHIS 2, Western Art History II (3)
- ART 10A, Design I (3)
- ART 13, 3-D Design (3)
- ART 20A, Drawing 1 (3)

*LIST A: Select 1 course from the following: (3 units)*

- AHIS 1, Western Art History I (3)
- AHIS 3, Western Art History III (3)
- AHIS 17, Arts of Asia – Prehistory to 1900 (3)

*LIST B: Select 3 courses from the following: (9 units)*

- ART 10B, Design 2 (3)
- ART 10C, Computer Design (3)
- ART 15, Lettering (3)
- ART 17A, 3-D Jewelry Design 1 (3)
- ART 17B, 3-D Jewelry Design 2 (3)
- ART 20B, Drawing 2 (3)
- ART 20C, Digital Drawing (3)
- ART 21A, Drawing 3 (3)
- ART 21B, Drawing 4 (3)
- ART 30A, Beginning Water Color Painting I (3)
- ART 30B, Watercolor Painting II (3)
- ART 30C, Acrylic Painting Techniques (3)
- ART 31, Beginning Painting (3)
- ART 32, Intermediate Painting (3)
- ART 33, Advanced Painting (3)
- ART 35, Airbrush Techniques (3)
- ART 40A, Sculpture 1 (3)
- ART 40B, Sculpture 2 (3)
- ART 40C, Sculpture 3 (3)
- ART 41A, Figure Sculpture I (3)
- ART 41B, Figure Modeling Sculpture II (3)
- ART 43A, Glass Sculpture 1 (3)
- ART 52A, Ceramics I (3)
- ART 52B, Ceramics II (3)
- ART 60, Introduction to Printmaking (3)
- ART 61A, Etching I (3)
- ART 61B, Advanced Etching (3)
- ART 62, Serigraphy (Silkscreen) (3)
- ART 63, Lithography (3)

## ART, ASSOCIATE DEGREE

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate an appreciation and understanding of Art and Art History in order to develop creative and critical thinking solutions to various Art and Art History issues. Students will look at an artistic situation, whether in implementation or analysis, in order to develop and create a strategy for its solution.

*Required Core Courses: (6 units)*

- ART 10A, Design I (3)
- ART 20A, Drawing I (3)

*Select 2 Core Courses from the following: (6 units)*

- AHIS 1, Western Art History I (3)
- AHIS 2, Western Art History II (3)
- AHIS 3, Western Art History III (3)

AHIS 5, Latin American Art History 1 (3)  
 AHIS 6, Latin American Art History 2 (3)  
 AHIS 15, Mexican Art History (3)  
 AHIS 17, Arts of Asia – Prehistory to 1900 (3)  
 AHIS 18, Introduction to African Art History (3)  
 AHIS 72, American Art History (3)

Required Foundation Courses: (9 units required; it is strongly recommended that the foundation courses be taken after completion of core courses):

*Required Core Courses: (9 units)*

ART 10B, Design II (3)  
 ART 20B, Drawing II (3)  
 ART 21A, Drawing III (3)

*Select 1 Foundation Course from the following: (3 units)*

ART 13, 3-D Design (3)  
 ART 40A, Sculpture I (3)  
 ART 52A, Ceramics I (3)

### For Transfer Consideration and Portfolio Development In Art

In addition to the required courses of the Art degree above, the SMC Art Department recommends the following courses of study for transfer consideration and portfolio development:

#### Painting/Drawing/Printmaking Emphasis:

ART 21B, Drawing IV (3)  
 ART 30A, Beginning Watercolor Painting I (3)  
 ART 30B, Watercolor Painting II (3)  
 ART 30C, Acrylic Painting Techniques (3)  
 ART 32, Intermediate Painting (3)  
 ART 33, Advanced Painting (3)  
 ART 35, Airbrush Techniques (3)  
 ART 60, Introduction to Printmaking (3)  
 ART 61A, Etching (3)  
 ART 61B, Advanced Etching (3)  
 ART 62, Serigraphy (Silkscreen) (3)  
 ART 63, Lithography (3)

#### Contemporary Art Practice & Theory Emphasis:

ART 34B, Contemporary Art Theory & Practice II (3)

#### Fine Arts Emphasis:

ART 13, 3-D Design (3)  
 ART 32, Intermediate Painting (3)  
 ART 33, Advanced Painting (3)  
 ART 40A, Sculpture I (3)

#### New Technologies Emphasis:

ART 20C, Digital Drawing (3)  
 PHOTO 1, Introduction to Photography (3)  
 PHOTO 2, Basic Photo Lab Techniques (3)

#### Printmaking Emphasis:

ART 60B, Introduction to Digital Printing (3)  
 ART 62, Serigraphy (Silkscreen) (3)

*Select 1 additional course from the following:*

AHIS 3, Western Art History III (3)  
 AHIS 52, History of Photography (3) (*same as PHOTO 52*)  
 AHIS 72, American Art History (3)

#### Design with a Digital Technologies Emphasis:

ART 15, Lettering (3)  
 ART 20C, Digital Drawing (3)  
 ART 21B, Drawing IV (3)

ART 30A, Beginning Water Color Painting I (3)  
 ART 30B, Watercolor Painting II (3)  
 ART 30C, Acrylic Painting Techniques (3)  
 ART 34B, Contemporary Art Theory & Practice II (3)  
 ART 60B, Introduction to Digital Printing (3)  
 ART 61A, Etching (3)  
 ART 61B, Advanced Etching (3)  
 ART 62, Serigraphy (Silkscreen) (3)  
 ART 63, Lithography (3)

#### 3-D/Ceramics and Sculpture Emphasis:

ART 13, 3-D Design (3)  
 ART 17A, 3-D Jewelry Design I (3)  
 ART 17B, 3-D Jewelry Design II (3)  
 ART 40A, Sculpture I (3)  
 ART 40B, Sculpture II (3)  
 ART 40C, Sculpture III (3)  
 ART 41A, Figure Modeling Sculpture I (3)  
 ART 41B, Figure Modeling Sculpture II (3)  
 ART 43A, Glass Sculpture I (3)  
 ART 43B, Glass Sculpture II (3)  
 ART 52A, Ceramics I (3)  
 ART 52B, Ceramics II (3)  
 ART 52C, Ceramics III (3)

## Art History

Art history is the study of art created in the past by individuals from various cultures and parts of the world. It is the study of the historical development of art as social and intellectual phenomenon, the analysis of works of art and art conservation. Students study specific periods, cultures, styles and themes. The art historian seeks to interpret and understand works of art of many types, ranging from the monumental to small scale, by learning about artists' lives and their societies. Students are prepared for a wide range of professional careers – in museums, galleries, auction houses or publishing, including antique dealer, art appraiser, art dealer, art restorer and museum curator.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

#### Programs Offered:

- Transfer Preparation
- Art History Associate Degree for Transfer

#### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

SMC offers the **Art History Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Art History AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/ad-search/search.shtml](http://calstate.edu/transfer/ad-search/search.shtml)

- Bakersfield: Art – Art History, BA
- Channel Islands: Art – Art History, Digital Art, BA
- Channel Islands: Art – Art History, Enhanced Studio, BA
- Channel Islands: Art – Art History, General, BA
- Chico: Art – Art History, BA
- Dominguez Hills: Art – Art History, BA
- East Bay: Art – Art History, BA
- Fresno: Art, BA
- Fullerton: Art – Art History, BA
- Humboldt: Art – Art History, BA
- Long Beach: Art – Art History, BA
- Los Angeles: Art – Art History, BA
- Monterey Bay: Visual and Public Art – Visual and Public Art – General, BA
- Northridge: Art – General, BA
- Pomona: Art History – General, BA
- Sacramento: Art – Art History, BA
- San Bernardino: Art – Art History, BA
- San Diego: Art – Art History, BA
- San Francisco: Art – Art History, BA
- San Francisco: Art – Art History and Studio Art, BA
- San Francisco: Art – Studio Art, BA
- San Francisco: Humanities – Humanities – General, BA
- San Jose: Art – Art History and Visual Culture, BA
- San Jose: Creative Arts – Creative Arts, BA
- San Jose: Humanities – Liberal Arts, BA
- San Marcos: Visual and Performing Arts – Visual Arts, BA
- Sonoma: Art History – General, BA
- Stanislaus: Art – Art History, BA

## ART HISTORY, ASSOCIATE DEGREE FOR TRANSFER

**Program Learning Outcomes:** Upon completion of the program, students will have proficiency in the written and verbal critical analysis of diverse visual cultures and artworks, demonstrate the basics of aesthetic formal analysis, and gain the vocabulary necessary to conduct a coherent critical investigation of artworks in both written and verbal form, as well as the ability to situate those artworks within a social context and a historical chronology. Additionally, students will demonstrate the ability to explore the function of aesthetic objects, the materials and techniques of artistic production, systems of patronage, the conventions of representation, and the relationship between art, politics, race, gender, sexuality, and power.

*Transfer and program requirements are subject to change. For the most up-to-date information regarding transfer preparation visit [assist.org](http://assist.org) and regarding degree and certificate requirements visit [smc.edu/articulation](http://smc.edu/articulation).*

### Required Core Courses: (9 units)

- ART 20A, Design I (3)
- AHIS 1, Western Art History I (3)
- AHIS 2, Western Art History II (3)

### LIST A: Select 1 course from the following: (3 units)\*

- AHIS 5, Latin American Art History 1 (3)
- AHIS 6, Latin American Art History 2 (3)
- AHIS 15, Mexican Art History (3)
- AHIS 17, Art of Asia – Prehistory to 1900 (3)
- AHIS 18, Introduction to African Art History (3)

\*Students who completed Art History 11 Fall 2012 through Fall 2013 and have maintained continuous enrollment may use it to fulfill this area requirement.

### LIST B: Select 1 course from the following: (3 units)

- ART 10A, Design I (3)
- ART 10B, Design II (3)
- ART 10C, Computer Design (3)
- ART 13, 3-D Design (3)
- ART 15, Lettering (3)
- ART 17A, 3-D Jewelry Design (3)
- ART 17B, 3-D Jewelry Design (3)
- ART 20B, Drawing II (3)
- ART 20C, Digital Drawing (3)
- ART 21A, Drawing III (3)
- ART 21B, Drawing IV (3)
- ART 30A, Beginning Watercolor Painting I (3)
- ART 30B, Watercolor Painting II (3)
- ART 30C, Acrylic Painting Techniques (3)
- ART 31, Beginning Oil Painting (3)
- ART 32, Intermediate Oil Painting (3)
- ART 33, Advanced Oil Painting (3)
- ART 34A, Contemporary Art Theory & Practice I (3)
- ART 34B, Contemporary Art Theory & Practice II (3)
- ART 35, Airbrush Techniques (3)
- ART 40A, Sculpture I (3)
- ART 40B, Sculpture II (3)
- ART 40C, Sculpture III (3)
- ART 41A, Figure Modeling Sculpture I (3)
- ART 41B, Figure Modeling Sculpture II (3)
- ART 43A, Glass Sculpture I (3)
- ART 43B, Glass Sculpture II (3)
- ART 52A, Ceramics I (3)
- ART 52B, Ceramics II (3)
- ART 52C, Ceramics III (3)
- ART 60, Introduction to Printmaking (3)
- ART 60B, Introduction to Digital Printing (3)
- ART 61A, Etching (3)
- ART 61B, Advanced Etching (3)
- ART 62, Serigraphy (Silkscreen) (3)
- ART 63, Lithography (3)
- PHOTO 1, Introduction to Photography (3)

### LIST C: Select 1 course from the following: (3 units)

Students may select any course not already used in List A or B, or one course that meets the following criteria:

- AHIS 3, 21, 22, 52 (same as PHOTO 52), 71, 72;
- Any Art course articulated as CSU GE, Area C1 or IGETC Area 3A;
- Any course articulated as CSU GE, Area C2 or IGETC Area 3B in a language other than English and ASL; Art, History, Humanities, Philosophy; Religion/Religious Studies;
- Any course articulated as CSU GE, Area D1, D3, D4 or D6 or IGETC Area 4 courses in Anthropology

and Archeology, Ethnic Studies, Gender Studies, History.

## Asian Studies

See *Modern Languages*

## Astronomy

Astronomers study the solar system, stars, galaxies, and space using principles of physics and mathematics. Their work adds to the basic scientific knowledge about the nature of the universe and also provides a basis for improvement in such areas as aircraft navigation and satellite communication. They study planets, stars, novae, and colliding gases between stars in an attempt to find out how they were formed, what they are made of, and how they change. They measure light, radio and x-ray emissions from space sources. Astronomers can advance to director of an observatory or science center.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Related Area of Study: Physics
- Related Program: Science: General Science Associate Degree

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. Astronomy is typically affiliated with the Physics and Astrophysics fields. Therefore students are encouraged to explore those areas for transfer opportunities as well. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

## Athletic Coaching

See *Kinesiology/Physical Education*

## Automotive Technician

This area of study is offered through the SMC Business Department.

### Programs Offered:

- Transfer Preparation
- Automotive Technician – Introductory Department Certificate

### TRANSFER PREPARATION

Students seeking a baccalaureate in this area of study are encouraged to review the Bachelor of Science in Automotive Technology offered by Rio Hondo College at [rio.hondo.edu/autotechbachelor](http://rio.hondo.edu/autotechbachelor)

### AUTOMOTIVE TECHNICIAN – INTRODUCTORY, DEPARTMENT CERTIFICATE

Students who complete this short-term program may work in positions troubleshooting and repairing electronic and mechanical vehicle problems. Employees in these basic positions in today's automotive maintenance shop operate sophisticated tools and equipment and practice safe work practices under the guidance of more experienced technicians. Students wishing to take more advanced training may transfer their SMC courses to Rio Hondo College and to Cerritos College's Advanced Transportation Program.

Students must petition the Business Department to obtain this Department Certificate.

**Program Learning Outcomes:** Upon completion of the program, students will be able to apply basic diagnostic techniques, maintenance procedures, and repair skills to automotive electrical, braking, and suspension and steering systems.

#### Required Courses:

- AUTO 40, Automotive Maintenance and Operations (3)
- AUTO 45, Automotive Braking Systems (3)
- AUTO 46, Automotive Electrical Systems (3)
- AUTO 47, Suspension and Steering (3)

## Biological Sciences

This major can lead to many biological science careers. Medical laboratory technicians work in a clinical laboratory and perform routine tests to obtain data used by physicians and other medical staff in the prevention, diagnosis, and treatment of illness. Bioscience technicians conduct tests and analyze data for use in research and production. Some additional careers include genetic counselors, environmental health specialists, medical illustrators, microbiologists, toxicologists, wildlife biologists, and teachers.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Related Program: Environmental Science
- Related Program: Science: General Science

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).



A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers Biochemistry, Biology, Cell Biology, and Molecular Biology. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

PLEASE NOTE: Due to the competitive nature of Biology, students are advised to complete as many lower division courses as possible prior to transfer. Please see a counselor for more information.

## Biology

See *Biological Sciences*

## Botany

See *Biological Sciences*

## Broadcasting

See *Media Studies*

## Business

Business Managers coordinate business activities in both private industry and public agencies. They are responsible for operations, maintenance, purchasing, planning, organizing, budgeting, and directing the work of the employees. Business executives are the higher-level management staff, directing the activities of the firm. They develop and administer policies to maximize profits. They also direct financial programs and develop policies aimed at maintaining good relations with the public, stockholders, employees, and customers.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Degrees and Certificates
  - Business (General)
    - Business Administration Associate Degree for Transfer
    - Business Associate Degree
  - Entrepreneurship
    - Entrepreneurship Certificate of Achievement (24 units)
    - Business: Entrepreneurship Department Certificate (12 units)
    - Business: Salon Entrepreneurship (see Cosmetology)
  - Insurance
    - Insurance Professional Associate Degree
    - Insurance Professional Certificate of Achievement (31 units)
    - Insurance Specialist Certificate of Achievement (12 units)

- International
  - International Business Certificate of Achievement (24 units)
  - Business: International Department Certificate (12 units)
- Logistics
  - Logistics/Supply Chain Management Associate Degree
  - Logistics/Supply Chain Management Certificate of Achievement (24 units)
  - Business: Logistics Department Certificate (12 units)
- Management
  - Management/Leadership Associate Degree
  - Management/Leadership Certificate of Achievement (27 units)
  - Business: Management Department Certificate (12 units)
- Marketing
  - Marketing Certificate of Achievement (24 units)
  - Business: Marketing Department Certificate (12 units)
- Sales and Promotion
  - Sales and Promotion (*formerly Merchandising*) Associate Degree
  - Sales and Promotion (*formerly Merchandising*) Certificate of Achievement (24 units)
  - Business: Merchandising Department Certificate (12 units)

**NOTE:** There are three or four Core courses in all Business Certificates of Achievement (except Insurance Specialist). These Core courses are required for all students, and should be completed BEFORE taking Concentration courses. Moreover, Business 1 should be completed BEFORE enrolling in other Core courses.

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers Business Administration. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

SMC offers the **Business Administration Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-**



state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Business Administration AS-T.

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adt-search/search.shtml](http://calstate.edu/transfer/adt-search/search.shtml)

- Bakersfield: Business Administration – Accounting, BS
- Bakersfield: Business Administration – Agricultural Business, BS
- Bakersfield: Business Administration – Finance, BS
- Bakersfield: Business Administration – General, BS
- Bakersfield: Business Administration – Human Resource Management, BS
- Bakersfield: Business Administration – Management, BS
- Bakersfield: Business Administration – Marketing, BS
- Bakersfield: Business Administration – Public Administration, BS
- Bakersfield: Business Administration – Small Business Management, BS
- Bakersfield: Business Administration – Supply Chain Logistics, BS
- Channel Islands: Business – General, BS
- Chico: Business Administration – Accounting, BS
- Chico: Business Administration – Entrepreneurship and Small Business Management, BS
- Chico: Business Administration – Finance, BS
- Chico: Business Administration – Human Resource Management, BS
- Chico: Business Administration – Management, BS
- Chico: Business Administration – Marketing, BS
- Chico: Business Administration – Project Management, BS
- Dominguez Hills: Business Administration – General Business, BS
- East Bay: Business Administration – General Management, BS
- Fresno: Business Administration – Accountancy, BS
- Fresno: Business Administration – Business Administration-Special Option, BS
- Fresno: Business Administration – Computer Information Systems, BS
- Fresno: Business Administration – Entrepreneurship, BS
- Fresno: Business Administration – Finance, BS
- Fresno: Business Administration – Human Resource Management, BS
- Fresno: Business Administration – International Business Option, BS
- Fresno: Business Administration – Logistics and Supply Chain Strategies, BS
- Fresno: Business Administration – Management, BS
- Fresno: Business Administration – Marketing, BS
- Fresno: Business Administration – Real Estate and Urban Land Economics, BS
- Fullerton: Business Administration – Business Administration – General, BA
- Fullerton: Business Administration – Business Economics, BA
- Fullerton: Business Administration – Entertainment & Hospitality Management, BA
- Fullerton: Business Administration – Entrepreneurship, BA

- Fullerton: Business Administration – General Management, BA
- Fullerton: Business Administration – Human Resource Management, BA
- Fullerton: Business Administration – Legal Studies, BA
- Fullerton: Business Administration – Marketing, BA
- Fullerton: Business Administration – Operations and Supply Chain Management, BA
- Fullerton: Business Administration – Risk Management and Insurance, BA
- Fullerton: Economics – Economics – General, BA
- Fullerton: International Business – Global Trade, BA
- Fullerton: International Business – International Business – General, BA
- Humboldt: Business Administration – Accounting, BS
- Humboldt: Business Administration – Finance, BS
- Humboldt: Business Administration – International Business, BS
- Humboldt: Business Administration – Management, BS
- Humboldt: Business Administration – Marketing, BS
- Long Beach: Business Administration – Accounting, BS
- Long Beach: Business Administration – Finance, BS
- Long Beach: Business Administration – Human Resources Management, BS
- Long Beach: Business Administration – International Business, BS
- Long Beach: Business Administration – Management, BS
- Long Beach: Business Administration – Management Information Systems, BS
- Long Beach: Business Administration – Marketing, BS
- Long Beach: Business Administration – Operations and Supply Chain Management, BS
- Los Angeles: Business Administration – Accounting, BS
- Los Angeles: Business Administration – Business Arts-Prelegal, BS
- Los Angeles: Business Administration – Business Economics, BS
- Los Angeles: Business Administration – Business, Special Interest, BS
- Los Angeles: Business Administration – Entrepreneurship, BS
- Los Angeles: Business Administration – Finance, BS
- Los Angeles: Business Administration – Human Resources Management, BS
- Los Angeles: Business Administration – International Business, BS
- Los Angeles: Business Administration – Management, BS
- Los Angeles: Business Administration – Marketing, BS
- Los Angeles: Business Administration – Operations and Supply Chain Management, BS
- Los Angeles: Business Administration – Real Estate, BS
- Los Angeles: Business Administration – Retailing, BS
- Maritime Academy: Business Administration – GENERAL, BS
- Monterey Bay: Business Administration – Accounting, BS
- Monterey Bay: Business Administration – Agribusiness, BS
- Monterey Bay: Business Administration – Entrepreneurship, BS

- Monterey Bay: Business Administration – Information Systems, BS
- Monterey Bay: Business Administration – Management and International Business, BS
- Monterey Bay: Business Administration – Marketing, BS
- Northridge: Business Administration – Business Law, BS
- Northridge: Business Administration – Global Supply Chain Management, BS
- Northridge: Business Administration – Real Estate, BS
- Northridge: Business Administration – Systems and Operations Management, BS
- Northridge: Economics – General, BA
- Northridge: Finance – Financial Analysis, BS
- Northridge: Finance – Financial Planning, BS
- Northridge: Finance – Insurance, BS
- Northridge: Management – General, BS
- Northridge: Marketing – General, BS
- Pomona: Business Administration – Accounting, BS
- Pomona: Business Administration – Computer Information Systems, BS
- Pomona: Business Administration – E-Business, BS
- Pomona: Business Administration – Finance, Real Estate, and Law, BS
- Pomona: Business Administration – International Business, BS
- Pomona: Business Administration – Management and Human Resources, BS
- Pomona: Business Administration – Marketing Management, BS
- Pomona: Business Administration – Technology and Operations Management, BS
- Sacramento: Business Administration – Entrepreneurship, BS
- Sacramento: Business Administration – Finance, BS
- Sacramento: Business Administration – General Management, BS
- Sacramento: Business Administration – International Business, BS
- Sacramento: Business Administration – Management of Human Resources and Organizational Behavior, BS
- Sacramento: Business Administration – Marketing, BS
- San Bernardino: Administration – Accounting, BA
- San Bernardino: Administration – Entrepreneurship, BA
- San Bernardino: Administration – Finance, BA
- San Bernardino: Administration – Human Resource Management, BA
- San Bernardino: Administration – Management, BA
- San Bernardino: Administration – Marketing, BA
- San Bernardino: Administration – Public Administration, BA
- San Bernardino: Administration – Real Estate, BA
- San Bernardino: Administration – Sports and Entertainment Marketing, BA
- San Diego: Business Administration – Financial Services, BS
- San Diego: Business Administration – General Business, BS
- San Francisco: Business Administration – General Business, BS
- San Jose: Business Administration – Business Analytics, BS

- San Jose: Business Administration – Entrepreneurship, BS
- San Jose: Business Administration – Finance, BS
- San Jose: Business Administration – General Business, BS
- San Jose: Business Administration – Global Operations Management, BS
- San Jose: Business Administration – Human Resource Management, BS
- San Jose: Business Administration – Management, BS
- San Jose: Economics – Economics, BA
- San Jose: Economics – Economics, BS
- San Jose: Humanities – Liberal Arts, BA
- San Luis Obispo: Business Administration – Information Systems, BS
- San Marcos: Business Administration – Accounting, BS
- San Marcos: Business Administration – Finance, BS
- San Marcos: Business Administration – General, BS
- San Marcos: Business Administration – Global Business Management, BS
- San Marcos: Business Administration – Global Supply Chain Management, BS
- San Marcos: Business Administration – Management, BS
- San Marcos: Business Administration – Management Information Systems, BS
- San Marcos: Business Administration – Marketing, BS
- Sonoma: Business Administration – Accounting, BS
- Sonoma: Business Administration – Business Administration – GENERAL, BS
- Sonoma: Business Administration – Finance, BS
- Sonoma: Business Administration – Financial Management, BS
- Sonoma: Business Administration – Marketing, BS
- Sonoma: Business Administration – Wine Business Strategies, BS
- Stanislaus: Business Administration – Computer Information Systems, BS
- Stanislaus: Business Administration – Finance, BS
- Stanislaus: Business Administration – General Business, BS
- Stanislaus: Business Administration – Management, BS
- Stanislaus: Business Administration – Marketing, BS
- Stanislaus: Business Administration – Operations Management, BS

## **BUSINESS ADMINISTRATION, ASSOCIATE DEGREE FOR TRANSFER**

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues and identify and resolve ethical dilemmas in the domestic and global business environment.

*Required Core Courses: (19 units)*

- ACCTG 1, Introduction to Financial Accounting (5)
- ACCTG 2, Corporate Financial and Managerial Accounting (5)
- BUS 5, Business Law (3)
- ECON 1, Principles of Microeconomics (3)
- ECON 2, Principles of Macroeconomics (3)

*Select 1 course from the following:*

- MATH 21, Finite Mathematics (3)

*Transfer and program requirements are subject to change. For the most up-to-date information regarding transfer preparation visit [assist.org](http://assist.org) and regarding degree and certificate requirements visit [smc.edu/articulation](http://smc.edu/articulation).*

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MATH 7, Calculus 1 (5)\*

**or**

MATH 28, Calculus 1 for Business and Social Science (5)\*

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MATH 54, Elementary Statistics (4) (*Students transferring to CSU Northridge: CSUN Business department will NOT accept UCLA XL10 Statistics to satisfy the business statistics requirement*)

\*NOTE: Maximum UC credit for MATH 7 and 28 is one course.

Select 2 courses from the following if not used above:

BUS 1, Introduction to Business (3)

**or**

BUS 32, Business Communication (3)

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CIS 1, Computer Concepts with Applications (3)

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MATH 7, Calculus 1 (5)\*

**or**

MATH 28, Calculus 1 for Business and Social Science (5)\*

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MATH 54, Elementary Statistics (4) (*Students transferring to CSU Northridge: CSUN Business department will NOT accept UCLA XL10 Statistics to satisfy the business statistics requirement*)

\*Note: Maximum UC credit for MATH 7 and 28 is one course.

Please note: Some CSU campuses may require more than one mathematics course. Go to [assist.org](http://assist.org) for details.

## BUSINESS, ASSOCIATE DEGREE

Please note: This is NOT the CSU transfer degree. For details about the Business Administration Associate in Science for Transfer (AS-T) to CSU, please see above.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, and identify and resolve ethical dilemmas in the domestic and global business environment.

**Required Courses: (12 units)**

ACCTG 1, Principles of Accounting (5)

**or**

ACCTG 21, Business Bookkeeping (3)

-----  
BUS 1, Introduction to Business (3)

BUS 5, Business Law (3)

BUS 32, Business Communications (3)

Using the electives below, students may focus on a particular area of interest (including Marketing, Insurance, Global Trade & Logistics, Entrepreneurship/Small Business Management, Finance, Management/Leadership, Retail/Hospitality/Tourism, and/or General Business) or may create their own area of study by selecting a combination of courses that meets career goals: (12 units minimum required)

### Marketing

BUS 20, Principles of Marketing (3)

BUS 22, Introduction to Advertising (3)

BUS 23, Principles of Selling (3)

BUS 24, Creative Selling (3)

BUS 26, Marketing Research and Consumer Behavior (3)

BUS 28, Marketing Promotion (3)

BUS 34, Introduction to Social and Media Marketing (3)

JOURN 43, Public Relations and Publicity (3)

MEDIA 18, Broadcast Advertising (3) (*same as BUS 33*)

### Insurance

BUS 15, Introduction to Insurance with Code and Ethics (2)

BUS 16, Personal Insurance (3)

BUS 17, Property and Liability Insurance (3)

BUS 18, Commercial Insurance (3)

### Global Trade and Logistics

BUS 50, Introduction to International Business (3)

BUS 51, Intercultural Business Communication (3)

BUS 52, International Marketing (3)

BUS 53, Importing and Exporting (3)

BUS 54, International Management (3)

BUS 55, Southern California's International Connections (3)

BUS 80, Principles of Logistics (3)

BUS 81, Transportation Management (3)

BUS 82, Supply Chain Management (3)

BUS 83, Operations Management (3)

### Entrepreneurship/Small Business Management

BUS 8, Law and Entrepreneurship (3)

BUS 27, Introduction to E-Commerce (3) (*same as CIS 27*)

BUS 63, Principles of Entrepreneurship (3)

### Finance

BUS 45, Individual Financial Planning (3) (*same as ACCTG 45*)

BUS 46, Introduction to Investments (3)

BUS 47, Personal Financial for Students (1) (*same as COUNS 47*)

### Management/Leadership

BUS 65, Management Principles (3)

BUS 67, Business Strategies (3)

BUS 72, Organizational Management and Leadership (3)

BUS 76, Human Resource Management (3)

BUS 79, Bargaining and Negotiations (3)

Retail/Hospitality/Tourism

BUS 4, Leisure Studies and Tourism (3)

BUS 11, Introduction to the Hospitality Industry (3)

BUS 21, Merchandising Principles (3)

BUS 25, Advertising Display (3)

### General Business

BUS 6, Advanced Business Law (3) (*same as ACCTG 26*)

BUS 62, Human Relations and Ethical Issues in Business (3)

BUS 64, Business Protocol and Professionalism (1)

Additional general education and graduation requirements for the Associate degree from Santa Monica College are listed in the Academics section of this catalog, as well as online ([go to smc.edu/articulation](http://smc.edu/articulation)).

## ENTREPRENEURSHIP, CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business environment, and produce a thorough written business plan.

*Required Core Courses: (12 units)*

ACCTG 1, Introduction to Financial Accounting (5)

*or*

ACCTG 21, Business Bookkeeping (3)

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BUS 1, Introduction to Business (3)

BUS 32, Business Communications (3)

BUS 63, Principles of Entrepreneurship (3)

*Concentration Courses: (9 units)*

BUS 5, Business Law (3)

*or*

BUS 8, Law and Entrepreneurship (3)

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BUS 20, Principles of Marketing (3)

BUS 65, Management Principles (3)

*Select 1 course from the following if not used above: (3 units)*

NOTE: CIS 1 or 4 are highly recommended for students with limited computer skills

BUS 5, Business Law (3)

BUS 8, Law and Entrepreneurship (3)

BUS 23, Principles of Selling (3)

BUS 27, Introduction to E-Commerce (3) (*formerly same as CIS 27*)

BUS 45, Individual Financial Planning (3) (*same as ACCTG 45*)

BUS 50, Introduction to International Business (3)

BUS 53, Importing and Exporting (3)

BUS 62, Human Relations & Ethical Issues in Business (3)

BUS 80, Principles of Logistics (3)

CIS 1, Computer Concepts with Applications (3)

CIS 4, Business Information Systems with Applications (3)

## BUSINESS: ENTREPRENEURSHIP, DEPARTMENT CERTIFICATE

*Required Courses:*

ACCTG 1, Introduction to Financial Accounting (5)

*or*

ACCTG 21, Business Bookkeeping (3)

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BUS 5, Business Law (3)

*or*

BUS 8, Law for the Entrepreneur (3)

*or*

BUS 32, Business Communications (3)

-----

BUS 63, Principles of Entrepreneurship (3)

*Select 1 additional course from the following not used above: (3 units)*

BUS 1, Introduction to Business (3)

BUS 5, Business Law (3)

BUS 8, Law and Entrepreneurship (3)

BUS 27, Introduction to E-Commerce (3) (*formerly same as CIS 27*)

BUS 50, Introduction to International Business (3)

BUS 65, Management Principles (3)

BUS 80, Principles of Logistics (3)

CIS 35, QuickBooks (3) (*formerly same as ACCTG 35*)

## BUSINESS: SALON ENTREPRENEURSHIP, DEPARTMENT CERTIFICATE

*See Cosmetology*

## INSURANCE PROFESSIONAL, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

*Required Courses:*

ACCTG 1, Introduction to Financial Accounting (5)

BUS 1, Introduction to Business (3)

BUS 5, Business Law (3)

BUS 15, Introduction to Insurance with Code and Ethics (2)

BUS 16, Personal Insurance (3)

BUS 17, Property and Liability Insurance (3)

BUS 18, Commercial Insurance (3)

BUS 32, Business Communications (3)

CIS 4, Business Information Systems with Applications (3)

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CIS 30, Microsoft Excel (3) (*formerly CIS 31*)

*or*

ACCTG 31A, Excel for Accounting (3)

*Recommended Additional Coursework: Students may want to consider some the following courses to deepen their knowledge and understanding. Students transferring courses to SMC from other institutions may use the following course(s) to meet any unit deficiency:*

ACCTG 31B, Advanced Excel for Accounting (3)

BUS 20, Principles of Marketing (3)

BUS 23, Principles of Selling (3)

BUS 24, Creative Selling (3)

BUS 90A, Business Insurance Internship (1)

BUS 90B, Business Insurance Internship (2)

BUS 90C, Business Insurance Internship (3)

## INSURANCE SPECIALIST, CERTIFICATE OF ACHIEVEMENT

*Required Courses:*

BUS 15, Introduction to Insurance with Code and Ethics (2)

BUS 16, Personal Insurance (3)

BUS 17, Property and Liability Insurance (3)

BUS 18, Commercial Insurance (3)

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BUS 90A, Business Insurance Internship (1)

*or*

BUS 90B, Business Insurance Internship (2)

*or*

BUS 90C, Business Insurance Internship (3)

## INTERNATIONAL BUSINESS, CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business envi-



ronment, and apply business principles to international trade issues in the context of global citizenship.

*Required Core Courses: (9 units)*

- BUS 1, Introduction to Business (3)
- BUS 32, Business Communications (3)
- BUS 50, International Trade (3)

*Concentration Courses: (9 units)*

- BUS 51, Intercultural Business Communication (3)
- or*
- COM ST 37, Intercultural Communication (3)  
(formerly Speech 7)
- 
- BUS 52, International Marketing (3)
- BUS 53, Importing and Exporting (3)

*Select 2 courses from the following (CIS 1 or 4 are strongly recommended for students with limited computer skills): (6 units)*

- ACCTG 1, Introduction to Financial Accounting (5)
- or*
- ACCTG 21, Business Bookkeeping (3)
- 
- BUS 5, Business Law (3)
- BUS 11, Introduction to the Hospitality Industry (3)
- Business 27, Introduction to E-Commerce (3)  
(formerly same as CIS 27)
- BUS 45, Individual Financial Planning (3) (same as ACCTG 45)
- BUS 62, Human Relations and Ethical Issues in Business (3)
- BUS 80, Principles of Logistics (3)
- 
- CIS 1, Computer Concepts with Applications (3)
- or*
- CIS 4, Business Information Systems with Applications (3)

### **BUSINESS: INTERNATIONAL, DEPARTMENT CERTIFICATE**

*Required Courses: (9 units)*

- BUS 50, Introduction to International Business (3)
- BUS 52, International Marketing (3)
- BUS 53, Importing and Exporting (3)

*Select 1 course from the following:*

- BUS 1, Introduction to Business (3)
- BUS 32, Business Communications (3)
- BUS 54, International Management (3)
- BUS 80, Principles of Logistics (3)

### **LOGISTICS/SUPPLY CHAIN MANAGEMENT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

*Required Core Courses: (9 units)*

- BUS 1, Introduction to Business (3)
- BUS 32, Business Communications (3)
- BUS 80, Principles of Logistics (3)

*Concentration Courses: (9 units)*

- BUS 81, Transportation Management (3)
- BUS 82, Supply Chain Management (3)
- BUS 83, Operations Management (3)

*Select 2 courses from the following (CIS 1 or 4 are strongly recommended for students with limited computer skills): (6 units)*

- ACCTG 1, Introduction to Financial Accounting (5)
- or*
- ACCTG 21, Business Bookkeeping (3)
- 
- BUS 5, Business Law (3)
- BUS 45, Individual Financial Planning (3) (same as ACCTG 45)
- BUS 50, Introduction to International Business (3)
- 
- BUS 51, Intercultural Business Communication (3)
- or*
- COM ST 37, Intercultural Communication (3)  
(formerly Speech 7)
- 
- BUS 52, International Marketing (3)
- BUS 53, Importing and Exporting (3)
- 
- CIS 1, Computer Concepts with Applications (3)
- or*
- CIS 4, Business Information Systems with Applications (3)

### **BUSINESS: LOGISTICS, DEPARTMENT CERTIFICATE**

*Required Courses:*

- BUS 80, Principles of Logistics (3)
- BUS 81, Transportation Management (3)
- BUS 82, Supply Chain Management (3)
- BUS 83, Operations Management (3)

### **MANAGEMENT/LEADERSHIP, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business environment, and apply managerial skills in planning, organizing, directing, and controlling business enterprises in the domestic and global environments.

*Required Core Courses: (12 units)*

- BUS 1, Introduction to Business (3)
- BUS 5, Business Law (3)
- BUS 32, Business Communications (3)
- BUS 65, Management Principles (3)

*Concentration Courses: (12 units)*

- ACCTG 1, Introduction to Financial Accounting (5)
- or*
- ACCTG 21, Business Bookkeeping (3)
- 
- BUS 20, Principles of Marketing (3)
- 
- BUS 51, Intercultural Business Communication (3)
- or*
- COM ST 37, Intercultural Communication (3)  
(formerly Speech 7)
- 
- BUS 62, Human Relations and Ethical Issues in Business (3)



Select 1 course from the following (CIS 1 or 4 are strongly recommended for students with limited computer skills): (3 units)

BUS 45, Individual Financial Planning (3) (same as ACCTG 45)

BUS 50, Introduction to International Business (3)

BUS 80, Principles of Logistics (3)

BUS 83, Operations Management (3)

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CIS 1, Computer Concepts with Applications (3)

or

CIS 4, Business Information Systems with Applications (3)

## **BUSINESS: MANAGEMENT, DEPARTMENT CERTIFICATE**

*Required Courses:*

BUS 1, Introduction to Business (3)

BUS 20, Principles of Marketing (3)

BUS 32, Business Communications (3)

BUS 65, Management Principles (3)

## **MARKETING, CERTIFICATE OF ACHIEVEMENT**

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business environment, and develop a sales and promotion plan that incorporates elements of the promotion mix, including social media, and an engaging oral and written sales presentation.

*Required Core Courses: (21 units)*

BUS 1, Introduction to Business (3)

BUS 20, Principles of Marketing (3)

BUS 23, Principles of Selling (3)

BUS 28, Marketing Promotion (3)

BUS 32, Business Communications (3)

BUS 34, Introduction to Social and Media Marketing (3)

Select 1 elective course from the list below: (Note: Business 26 or 27 strongly recommended) (CIS 1 or 4 are strongly recommended for students with limited computer skills)

BUS 5, Business Law (3)

BUS 21, Merchandising Principles (3)

BUS 25, Advertising Display (3)

BUS 26, Marketing Research and Consumer Behavior (3)

BUS 27, Introduction to E-Commerce (3) (formerly same as CIS 27)

BUS 45, Individual Financial Planning (3) (same as ACCTG 45)

BUS 62, Human Relations and Ethical Issues in Business (3)

CIS 1, Computers Concepts with Applications (3)

CIS 4, Business Information Systems with Applications (3)

Students who successfully complete the Marketing Certificate of Achievement may elect to receive an Associate degree by satisfying additional general education requirements listed on the Associate degree.

## **BUSINESS: MARKETING, DEPARTMENT CERTIFICATE**

*Required Courses: (9 units)*

BUS 1, Introduction to Business (3)

BUS 20, Principles of Marketing (3)

BUS 26, Marketing Research and Consumer Behavior (3)

Select 1 course from the following:

BUS 22, Introduction to Advertising (3)

BUS 23, Principles of Selling (3)

BUS 28, Marketing Promotion (3)

BUS 34, Introduction to Social Media Marketing (3)

BUS 52, International Marketing (3)

## **SALES AND PROMOTION (FORMERLY MERCHANDISING), ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business environment, and develop a merchandising plan that incorporates color theory, design principles and consumer focal points integrated with advertising and sales techniques.

*Required Core Courses: (12 units)*

BUS 1, Introduction to Business (3)

BUS 20, Principles of Marketing (3)

BUS 21, Merchandising Principles (3)

BUS 32, Business Communications (3)

*Concentration Courses: (9 units)*

BUS 22, Introduction to Advertising (3)

BUS 23, Principles of Selling (3)

BUS 25, Advertising Display (3)

Select 1 course from the following (3 units): NOTE: CIS 1 or 4 are strongly recommended for students with limited computer skills.

BUS 5, Business Law (3)

BUS 26, Marketing Research and Consumer Behavior (3)

BUS 27, Introduction to E-Commerce (3) (formerly same as CIS 27)

BUS 28, Marketing Promotion (3)

BUS 45, Individual Financial Planning (3) (same as ACCTG 45)

BUS 62, Human Relation and Ethical Issues in Business (3)

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CIS 1, Computer Concepts with Applications (3)

or

CIS 4, Business Information Systems with Applications (3)

## **BUSINESS: MERCHANDISING, DEPARTMENT CERTIFICATE**

*Required Courses: (9 units)*

BUS 20, Principles of Marketing (3)

BUS 21, Merchandising Principles (3)

BUS 25, Advertising Display (3)

Select 1 course from the following:

BUS 1, Introduction to Business (3)

BUS 22, Introduction to Advertising (3)

BUS 23, Principles of Selling (3)

## Chemistry

Chemists study the properties of matter and make qualitative and quantitative analysis of many substances. They conduct a variety of experiments and tests in laboratories to develop new knowledge or maintain control over the quality of existing products and procedures. Chemists may work in research and development, or production and quality control in the chemical manufacturing industry, and in education or government institutions.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Related Program: Science: General Science

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system has a transfer pathway** for any UC campus that offers Biochemistry and Chemistry. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

## Chinese

See *Modern Languages*

## Communication Studies

Communication and Media Studies majors will learn the dynamics of communication between and among individuals, groups and cultures, and/or the media. Communication integrates courses in interpersonal, intercultural, organizational and mass communication and public relations. There is a wide range of employment possibilities for students trained in Media Studies in business, sales, public and personnel relations, and advertising. Students can prepare for careers in media news writing and editing, announcing, programming, publicity, community relations, directing and public relations.

Speech and Communication Studies majors pursue a variety of careers depending on their interests. Public relations and advertising firms, health care organizations, government and educational institutions, entertainment companies, social service groups, and media-based firms are just some examples of organizations having a need for

people with highly developed interpersonal and technical communication skills. Some of the current career titles include communication consultant, public information officer, public relations specialist, political consultant, press secretary, labor relations specialist, public opinion researcher, news producer, speech/language pathologist, speechwriter, advertising account executive, media manager, human resources manager, mediator, special events coordinator and development officer/fund raiser.

Because of the focus on interpersonal, professional, and intercultural communication skills, this major may also lead to many other careers. For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Communication Studies Associate Degree for Transfer
- Related Area: Journalism
- Related Area: Media Studies

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system has a transfer pathway** for any UC campus that offers Communication. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

SMC offers the **Communication Studies Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Communication Studies AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adt-search/search.shtml](http://calstate.edu/transfer/adt-search/search.shtml)

- Channel Islands: Communication – Environmental Communication, BA
- Channel Islands: Communication – Health Communication, BA
- Channel Islands: Communication – Organizational Communication Emphasis, BA

- Chico: Communication Studies – Communication and Public Affairs, BA
- Chico: Communication Studies – Organizational Communication, BA
- East Bay: Communication – Media Production, BA
- East Bay: Communication – Professional, Public and Organizational Communication, BA
- Fresno: Communication – General, BA
- Fullerton: Communication Studies – General, BA
- Fullerton: Communications – Advertising, BA
- Fullerton: Communications – General, BA
- Fullerton: Communications – Entertainment and Tourism Communications, BA
- Fullerton: Communications – Photocommunications, BA
- Fullerton: Communications – Public Relations, BA
- Humboldt: Communication – General, BA
- Long Beach: Communication Studies – Communication, Culture, and Public Affairs, BA
- Long Beach: Communication Studies – General, BA
- Long Beach: Communication Studies – Interpersonal and Organizational Communication, BA
- Los Angeles: Communication – Communication for Social Change, BA
- Los Angeles: Communication – Intersecting Identities and Relationships, BA
- Los Angeles: Communication – Mass Communication (Advertising and Public Relations), BA
- Monterey Bay: Human Communication – Journalism and Media Studies, BA
- Monterey Bay: Human Communication – Practical and Professional Ethics, BA
- Monterey Bay: Human Communication – Writing and Rhetoric, BA
- Northridge: Communication Studies – General, BA
- Pomona: Communication – Organizational Communication, BS
- Sacramento: Communication Studies – Digital Media, BA
- Sacramento: Communication Studies – General Communication, BA
- Sacramento: Communication Studies – Organizational Communication, BA
- Sacramento: Communication Studies – Public Relations, BA
- San Bernardino: Communication – Human and Organizational Communication, BA
- San Bernardino: Communication – Media Studies, BA
- San Bernardino: Communication – Public Relations, BA
- San Diego: Communication – Applied Arts, BA
- San Diego: Health Communication – Health Communication – General, BS
- San Francisco: Communication Studies – Communication Studies – General, BA
- San Jose: Communication Studies, BA
- San Jose: Humanities – Liberal Arts, BA
- San Marcos: Communication – General, BA
- Sonoma: Communication Studies – General, BA
- Stanislaus: Communication Studies – Public Communication and Media Track, BA
- Stanislaus: Communication Studies – Relational and Organizational Communication Track, BA
- Stanislaus: Gender Studies – Culture, Ideology, and Representation, BA

- Stanislaus: Gender Studies – Ethnicity, Nationality, and Sexuality, BA
- Stanislaus: Gender Studies – History, Society, and Inequality, BA

## COMMUNICATION STUDIES, ASSOCIATE DEGREE FOR TRANSFER

Upon completion of the Associate in Arts in Communication Studies for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower division requirements for transfer into Communication Studies or similar majors for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will be able to analyze and demonstrate the relationship between speaker, audience, message, and medium in a variety of communication contexts. Students will also be able to identify, analyze, and demonstrate appropriate conflict management styles in both interpersonal and intercultural forums.

*Required Core Course: (3 units)*

COM ST 11, Elements of Public Speaking (3) (*formerly Speech 1*)

*GROUP A: Select 2 courses from the following: (6 units)*

COM ST 16, Fundamentals of Small Group Discussion (3) (*formerly Speech 6*)

COM ST 21, Argumentation (3) (*formerly Speech 11*)

COM ST 35, Interpersonal Communication (3) (*formerly Speech 5*)

*GROUP B: Select 2 courses from Group B or any course not already used above: (6 units)*

COM ST 12, Persuasion (3) (*formerly Speech 2*)

COM ST 14, Oral Interpretation: Performing Literature Across Cultures (3) (*formerly Speech 4*)

COM ST 30, Introduction to Communication Theory (3)

COM ST 37, Intercultural Communication (3) (*formerly Speech 7*)

ENGL 2, Critical Analysis and Intermediate Composition (3)

FILM 1, Film Appreciation Introduction to Cinema (3)

MATH 54, Elementary Statistics (4)

MEDIA 1, Survey of Mass Media Communication (3) (*formerly Communication 1*)

PSYCH 5, The Psychology of Communication (3)

*GROUP C: Select any course from Group C or any course from Group A or B not already used: (3 units)*

ANTHRO 2, Cultural Anthropology (3)

COM ST 9, Introduction to Communication Studies (3)

COM ST 13, Voice and Diction (3) (*formerly Speech 3*)

COM ST 31, Research Methods for Communication Studies (3)

COM ST 36, Gender and Communication (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

HIST 1, History of Western Civilization I (3)

HIST 2, History of Western Civilization II (3)

JOURN 1, The News (3)

PSYCH 1, General Psychology (3)

SOCIOL 1, Introduction to Sociology (3)

SOCIOL 1s, Introduction to Sociology – Service Learning (3)

## Computer Information Systems

Computer Information Systems managers oversee a variety of administrative, clerical, and accounting functions necessary to efficiently run and maintain computerized business systems. Office workers use a variety of software to produce correspondence, maintain databases, manage projects, organize meetings, manage financial records, and create presentations. Students focusing on Web applications attain the skills to professionally design, develop, and manage websites.

This major may also lead to many other careers. For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Computer Business Applications Associate Degree
- Website Software Specialist Associate Degree
- Computer Business Applications Certificate of Achievement (30 units)
- Website Software Specialist Certificate of Achievement (31 units)
- Digital Publishing (*formerly Desktop Publishing*) Department Certificate (17 units)
- Website Creator Department Certificate (15 units)
- Website Development Management Department Certificate (13 units)

### TRANSFER PREPARATION

Students planning to transfer to a four-year college or university should refer to the transfer preparation information under Business.

### COMPUTER BUSINESS APPLICATIONS, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The core of this program provides advanced computer skills and business concepts that can be applied in nearly every industry. Students will learn to use Microsoft Office products, as well as other computer software applications, that can be applied in business situations to create, edit, format, and publish documents, spreadsheets, presentations, and databases.

Students can select from three specializations within the Computer Business Applications program:

- Social Media Specialist students will be introduced to the finer points of the most popular social media applications, including search engine optimization, HTML and Web design.
- Office Finance Specialist students will develop the skills necessary to handle basic accounting and bookkeeping procedures for small businesses.
- Microsoft Office Specialist students will develop additional expertise in each of the Microsoft Office applications. This specialization assists in preparation for

the Microsoft Office Specialist (MOS) certification exams.

**Program Learning Outcomes:** Upon completion of the program, students will be able to analyze different types of business information, use the Internet to support findings, and use software applications to produce various business reports and presentations used in industry of concentration area.

*Required courses: (21 units)*

- BUS 1, Introduction to Business (3)
- CIS 1, Computer Concepts with Applications (3)
- CIS 4, Business Information Systems with Applications (3)
- CIS 37, Microsoft Word (3)
- CIS 39, Microsoft Outlook – Comprehensive Course (3)
- OFTECH 5, English Skills for the Office (3)
- 
- OFTECH 1, Keyboarding I (3)
- or*
- OFTECH 10, Skill Building on the Keyboard (3)

*Complete one of the following specialization tracks listed below based on career interest: (9 units)*

#### Track 1: Social Media Specialist

- CIS 50, Internet, HTML, and Web Design (3)
- CIS 67, WordPress (3)
- CIS 70, Social Media Applications (3)

#### Track 2: Office Finance Specialist

- CIS 30, Microsoft Excel (3)
- CIS 35, QuickBooks (3) (*formerly same as ACCTG 35*)
- 
- ACCTG 1, Introduction to Financial Accounting (5)

*or*

- ACCTG 21, Business Bookkeeping (3)

#### Track 3: Microsoft Office Specialist

- CIS 30, Microsoft Excel (3)
- CIS 32, Microsoft Access (3)
- CIS 38, Microsoft PowerPoint (3)

### WEBSITE SOFTWARE SPECIALIST, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

A Website Software Specialist designs, develops, and manages websites with the skills needed to be successful in today's job market. A Website Software Specialist needs to be knowledgeable in variety of Internet technologies (HTML, CSS, JavaScript, and server-side scripting), as well as web-authoring applications such as Dreamweaver, Photoshop, and WordPress. These specialists are primarily responsible for developing user friendly and interactive webpages, integrating and optimizing different multimedia components, and implementing hosting, publishing, and development workflow strategies.

**Program Learning Outcomes:** Upon completion of the program, students will learn a variety of Internet technologies and web-authoring tools for website development and maintenance. Students will gain the necessary knowledge and skills for designing, developing, and managing websites.

*Required Core Courses:*

- CIS 1, Computer Concepts with Applications (3)
- CIS 50, Internet, HTML, and Web Design (3)
- CIS 51, HTML5, CSS3, and Accessibility (3)



CIS 54, Web Development and Scripting (3)  
 CIS 55, Advanced Webpage Development and Scripting (3)  
 CIS 57, Website Planning and Production (3)  
 CIS 59A, Dreamweaver I (3)  
 CIS 60A, Photoshop I (3)  
 CIS 67, WordPress (3)  
 CIS 70, Social Media Applications (3)  
 CIS 88A, Independent Studies in CIS (1)

### **DIGITAL PUBLISHING (FORMERLY DESKTOP PUBLISHING), DEPARTMENT CERTIFICATE**

This program provides students with students with specific skills that make them job ready for the publishing industry, whether it is for printing or the web. Digital Publishing Specialists use Adobe Photoshop, InDesign, and Illustrator programs, along with Microsoft Word, to format and combine text, numeral data, photographs, charts, drawings, and other visual graphic elements to produce digital and/or printed publication-ready materials.

**Program Learning Outcomes:** Upon completion of the program:

1. Given client data, students will utilize marketing research tools, apply creative techniques, choose and utilize appropriate software program(s), and analyze and solve graphic design and page layout problems to produce an effective publication.
2. Working as a member of a Digital Publishing team, students will demonstrate professional work habits, meet scheduled timeline milestones and deadlines, and communicate effectively via oral presentations and written documents.

*Required Courses: (16 units)*

CIS 36P, Microsoft PowerPoint (1)  
 CIS 37, Microsoft Word (3)  
 CIS 40, InDesign (3)  
 CIS 60A, Photoshop I (3)  
 CIS 64, Illustrator (3)  
 OFTECH 5, English Skills for the Office (3)

*Select 1 unit from the following:*

OFTECH 1, Keyboarding I (3)  
 OFTECH 1A, Keyboarding 1A (1)  
 OFTECH 1B, Keyboarding 1B (1)  
 OFTECH 1C, Keyboarding 1C (1)  
 OFTECH 9, Keyboarding Improvement (1)  
 OFTECH 10, Skill Building on the Keyboard (3)

### **WEBSITE CREATOR, DEPARTMENT CERTIFICATE**

This certificate provides students with the basic skills needed to create websites. Students will use Web authoring programs for Web page creation and site management. They will extend their skills in the development of websites through the use of XHTML, cascading style sheets, and client and server-side scripting. Focus will be on the creation of effective user interfaces and website design principles using various state-of-the-art technologies for the Web. Upon completing this certificate, students will be ready to plan, build, promote, and maintain professional websites.

*Required Courses:*

CIS 50, Internet, HTML, and Web Design (3)  
 CIS 51, HTML5, CSS3, and Accessibility (3)

CIS 54, Web Development and Scripting I (3)  
 CIS 59A, Dreamweaver I (3)  
 CIS 60A, Photoshop I (3)

### **WEBSITE DEVELOPMENT MANAGEMENT, DEPARTMENT CERTIFICATE**

This program provides students with the knowledge needed to develop website projects in a real-world setting. Students learn how to develop websites while applying the skills needed to plan and budget resources in development projects from conceptual design to deployment.

**Program Learning Outcomes:** Upon completion of the program, students will apply the principles of Project Management to plan schedules and manage cost and resources to lead website development projects to success. Students will demonstrate their comprehensive knowledge of website development by creating and managing a portfolio of Web and Social Media projects.

*Required Courses:*

CIS 9A, Technology Project Management I (3) (*same as CS 9A*)  
 CIS 9B, Technology Project Management II (3) (*same as CS 9B*)  
 CIS 56, Web Media Production (3)  
 CIS 57, Website Planning and Production (3)  
 CIS 88A, Independent Studies in CIS (1)

### **WORD PROCESSING, DEPARTMENT CERTIFICATE**

This program prepares students for both entry-level and advanced word processing positions in a variety of office settings. It also serves as a foundation for specialization in fields such as legal transcription and desktop publishing. The Word Processing Certificate includes courses in rapid and accurate keyboarding, document editing and formatting, advanced word processing techniques, English skills for the office, and an overview of the Microsoft Office Suite.

**Program Learning Outcomes:** Upon completion of this program, when given a hard copy of a document with complex formatting, students will be able to recreate the document in Microsoft Word. Also, they will create mail merge documents and templates.

*Required courses: (9 units)*

CIS 4, Business Information Systems with Applications (3)  
 CIS 37, Microsoft Word (3)  
 OFTECH 5, English Skills for the Office (3)

*Select 3 units from the following keyboarding courses:*

OFTECH 1, Keyboarding I (3)  
 OFTECH 1A, Keyboarding 1A (1)  
 OFTECH 1B, Keyboarding 1B (1)  
 OFTECH 1C, Keyboarding 1C (1)  
 OFTECH 9, Keyboarding Improvement (1)  
 OFTECH 10, Skill Building on the Keyboard (3)

## **Computer Science**

The field of computer science leads to a variety of careers that all require core computer science skills. These skills include theory courses such as Computer Hardware, Data



Structures, and Networks, as well as programming in different computer languages. Thereafter, within the field, areas of specialty lead into careers including software development, project management, system analysis, and maintenance among other areas. With the Internet being an integral part of everyday life, Web page authoring and Web application development have been other areas of high demand in the job market.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Computer Programming Associate Degree
- Computer Science Associate Degree
- Database Applications Developer Associate Degree
- Web Programmer Associate Degree
- Computer Programming Certificate of Achievement (27 units)
- Computer Science Certificate of Achievement (34 units)
- Database Applications Developer Certificate of Achievement (33 units)
- Web Programmer Certificate of Achievement (30 units)
- Cloud Computing Department Certificate (15 units)
- Computer Programming Department Certificate (12 units)
- Information Systems Management Department Certificate (13 units)
- Mobile Apps Development – Android Department Certificate (15 units)
- Mobile Apps Development – iPhone Department Certificate (12 units)
- Networking Department Certificate (17 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers Computer Science. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

### COMPUTER PROGRAMMING, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

A computer programmer is a professional who is skilled in writing medium to large-scale computer applications. This requires the knowledge and practice of a multitude of areas in Computer Science. This certificate focuses on

learning and using advanced programming techniques to build software applications. In addition, it covers core computer science concepts such as Operating Systems and Database Theory.

**Program Learning Outcomes:** Upon completion of the program, students will design, code, test, and debug computer programs. They will understand and use the Internet and World Wide Web, application software, the components of the system unit, input, output, storage, operating systems and utility programs, communications and networks, database management, information systems development, and project management. Students will also explain the social implications of technological development, and understand the capabilities of current-day computers and the possibilities for the future.

*Required Core Courses: (15 units)*

CS 3, Introduction to Computer Systems (3)

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CS 40, Operating Systems (3)

**or**

CS 80, Internet Programming (3)

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CS 50, C Programming (3)

CS 60, Database Concepts and Applications (3)

MATH 20, Intermediate Algebra (5) (*or higher level courses*)

*Required concentration courses: Select 2 of the following groups: (12 units)*

**GROUP 1:**

CS 15, Visual Basic Programming (3)

CS 19, Advanced Visual Basic Programming (3)

**GROUP 2:** CS 81, JavaScript and Dynamic HTML (3) and one of the following:

CS 82, ASP.NET Programming in C# (3)

CS 83, Server-Side Java Web Programming (3)

CS 84, Programming with XML (3)

CS 85, PHP Programming (3)

**GROUP 3:**

CS 65, Oracle Programming (3)

CS 66, Advanced Oracle (3)

**GROUP 4:** CS 52, C++ Programming (3) and one of the following:

CS 51, Visual C++ Programming (3)

CS 20A, Data Structures with C++ (3)

**GROUP 5:**

CS 55, Java Programming (3)

CS 56, Advanced Java Programming (3)

CS 20B, Data Structures with Java (3)

### COMPUTER SCIENCE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program covers a broad spectrum of courses ranging from core computer science to a variety of branch fields of computer science. This major provides the student with the basic skills required of core computer science. Courses include programming in low-level and essential languages, Database Theory, Operating Systems Fundamentals, Computer Hardware and Data Structures. Students finishing this major are well equipped to work in the field of computer science as well as transfer to a four-year degree program in this area.

**Program Learning Outcomes:** Upon completion of the program, students will manage projects, analyze systems, develop software, and program in a variety of computer languages; author webpages and develop web applications; utilize networks and computer hardware; and create and manipulate data structures and databases.

*Required Core Courses: (28 units)*

- CS 3, Introduction to Computer Systems (3)
- CS 17, Assembly Language Programming (3)
- CS 40, Operating Systems (3)
- CS 42, Computer Architecture (3)
- CS 50, C Programming (3)
- CS 60, Database Concepts and Applications (3)
- MATH 7, Calculus 1 (5)
- MATH 8, Calculus 2 (5)

*Required Concentration Courses: Select 1 of the following groups: (6 units)*

**GROUP 1:**

- CS 52, C++ Programming (3)
- CS 20A, Data Structures with C++ (3)

**GROUP 2:**

- CS 55, Java Programming (3)
- CS 20B, Data Structure with Java (3)

### **DATABASE APPLICATIONS DEVELOPER, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

This program develops user-friendly interfaces to database applications. A database application is made of data, a database engine to store the data, and an interface to extract and display the data. The skills needed to build a database application range from database theory and design, using a database engine such as SQL server, or Oracle, to programming in ADO technologies to extract the data, as well as programming in Windows and Web applications on a client and server-side basis to present the data. In addition, with increasing concerns over security, a database developer must also be able to write secure code that runs with minimum risk of attacks.

**Program Learning Outcomes:** Upon completion of the program, students will develop user-friendly interfaces based on Windows and the Web to extract data stored in databases; incorporate different security techniques to ensure the safe display and update of data; interface databases to the Internet; and install and administer Database Management Systems. In addition, students will design, build and populate databases with data, and use programming languages and graphical interfaces to retrieve and manipulate data.

*Required Courses: (27 units)*

- CS 3, Introduction to Computer Systems (3)
- CS 9A, Technology Project Management I (3) (*same as CIS 9A*)
- CS 15, Visual Basic Programming (3)
- CS 19, Visual Basic Advanced Programming (3)
- CS 32, Database Programming in VB.NET (3)
- CS 37, Web Programming in VB.NET (3)
- CS 60, Database Concepts and Applications (3)
- CS 61, Microsoft SQL Server Database (3)
- CS 65, Oracle Programming (3)

*Select 2 courses from the following:*

- CS 8, Systems Analysis and Design (3)

- CS 9B, Technology Project Management II (3)
- CS 84, Programming with XML (3)
- CS 85, PHP Programming (3)
- CS 86, Android Development (3)
- CS 87A, Python Programming (3)

### **WEB PROGRAMMER, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

This program helps design and develop applications and scripts for the World Wide Web (WWW). Web programmers need to be knowledgeable on a variety of Internet technologies (HTML, CSS, XML, JavaScript, Perl/CGI, Java, JSP, PHP, and the Microsoft .Net platform), networking, and database management. They are chiefly responsible for providing the programming which makes webpages interactive or allows users to interact with back-end applications and databases. Web programmers are instrumental in making electronic commerce on the Internet possible.

**Program Learning Outcomes:** Upon completion of the program, students will design and develop applications and scripts for the World Wide Web, and provide the programming which makes webpages interactive or allows users to interact with back-end applications and databases.

*Required Courses: (18 units)*

- CS 3, Introduction to Computer Systems (3)
- CS 60, Database Concepts and Applications (3)
- CS 70, Networking Theory and Essentials (3)
- CS 80, Internet Programming (3)
- CS 81, JavaScript and Dynamic HTML (3)
- CS 84, Programming with XML (3)
- CS 86, Android Development (3)

*Select 1 of the following three groups: (6 units)*

**GROUP 1:**

- CS 15, Visual Basic Programming (3)
- CS 19, Advanced Visual Basic Programming (3)

**GROUP 2:**

- CS 55, Java Programming (3)
- CS 56, Advanced Java Programming (3)

**GROUP 3:**

- CS 87A, Python Programming (3) and one course from the following: CS 15, 19, 55, 56

*Select 1 course from the following: (3 units)*

- CS 32, Database Programming in VB .NET (3)
- CS 61, Microsoft SQL Server Database (3)
- CS 65, Oracle Programming (3)

*Select 1 course from the following: (3 units)*

- CS 37, Web Programming in VB .NET (3)
- CS 82, ASP.NET Programming in C# (3)
- CS 83, Server Side Java Web Programming (3)
- CS 83R, Server-Side Ruby Web Programming (3)
- CS 85, PHP Programming (3)

### **CLOUD COMPUTING, DEPARTMENT CERTIFICATE**

This program provides the industry standard skills to understand and develop applications for the cloud. Students learn a range of topics that cover the technical principals of the hardware and software requirements to run systems in the cloud including storage, database management, and software systems, while maintaining secure access.

**Program Learning Outcomes:** Upon completion of the program, students will be able to host a database and run queries using an interface from a commercial provider and run a file-server service using a provider of their choice.

*Required Courses (12 units):*

- CS 79A, Introduction to Cloud Computing (3)
- CS 79B, Database Essentials in Amazon Web Services (3)
- CS 79C, Compute Engines in Amazon Web Services (3)
- CS 79D, Security in Amazon Web Services (3)

*Select 1 of the following: (3 units)*

- CS 55, Java Programming (3)
- CS 82, ASP.NET Programming in C (3)
- CS 83R, Server-Side Ruby Web Programming (3)
- CS 87A, Python Programming (3)

### COMPUTER PROGRAMMING, DEPARTMENT CERTIFICATE

This program provides the student with the basic skills needed to enter the world of programming. It covers a range of programming language courses that expose the student to the spectrum of different languages that are popular today.

*Required Courses:*

- CS 3, Introduction to Computer Applications (3)
- CS 15, Visual Basic (3)
- CS 17, Assembly Language Programming (3)
- CS 52, C++ Programming (3)

### INFORMATION SYSTEMS MANAGEMENT, DEPARTMENT CERTIFICATE

This program aims to provide Computer Science students with the knowledge needed to develop Information Systems in a real-world setting. Students learn how to develop medium to large scale applications while applying the skills needed to plan and budget resources in development projects from conceptual design to deployment.

*Required Courses: (10 units)*

- CS 9A, Technology Project Management I (3) (*same as CIS 9A*)
- CS 9B, Technology Project Management II (3) (*same as CIS 9B*)
- CS 15, Visual Basic Programming (3)
- CS 88A, Independent Studies in CIS (1)

*Select 1 course from the following: (3 units)*

- CS 19, Advanced Visual Basic Programming (3)
- CS 32, Database Programming in Visual Basic .NET (3)
- CS 37, Web Programming in Visual Basic .NET (3)

### MOBILE APPS DEVELOPMENT – ANDROID, DEPARTMENT CERTIFICATE

This program provides students with the knowledge and skills necessary to work in the emerging mobile career field. Students learn how to design and write apps for the Android platform. In addition to programming courses, the program includes courses that teach the fundamentals of mobile app and icon design.

**Program Learning Outcomes:** Upon completion of the program, students will design—and use the Eclipse environment to develop, test, and debug—apps that run on the Android platform for mobile phones and tablets. In addition,

students will use the Android Framework to develop apps for mobile devices that incorporate audio, pictures, animation, maps, networking, and the Internet.

*Required Courses: (12 units)*

- CS 86, Android Development (3)
- CS 55, Java Programming (3)
- CS 56, Advanced Java Programming (3)
- GR DES 75, Mobile Design 1 (3)

*Select 1 course from the following: (3 units)*

- CIS 60A, Photoshop I (3)
- CS 60, Database Concepts and Applications (3)
- CS 84, Programming with XML (3)

### MOBILE APPS DEVELOPMENT – IPHONE, DEPARTMENT CERTIFICATE

This program provides students with the knowledge and skills necessary to work in the emerging mobile career field. Students learn how to design and write apps for the iPhone/iPad/iPod platform. In addition to programming courses, the program includes courses that teach the fundamentals of mobile app and icon design.

**Program Learning Outcomes:** Upon completion of the program, students will design, develop, test, and debug iOS apps using XCode environment for iPhone, iPad, and iPod. In addition, students will develop iOS apps using Cocoa Framework that incorporate the Address Book, Audio, Video, Networking, and the Internet.

*Required Courses: (9 units)*

- CS 53A, iOS Development with Swift (3)
- CS 53B, iOS Mobile App Development (3)
- GR DES 75, Mobile Design 1 (3)

*Select 1 course from the following: (3 units)*

- CS 60A, Photoshop I (3)
- CS 60, Database Concepts and Applications (3)
- CS 84, Programming with XML (3)

### NETWORKING, DEPARTMENT CERTIFICATE

The IT world is integrated by networks. Success in IT disciplines like database, website, or e-commerce development demands a supporting grasp of the network environment. Major technologies are the networks themselves, their fit within the operating platforms they connect to, specific network applications, and measures to achieve networks security.

Network engineers and other qualified IT specialists must understand the various protocols, programs' interfaces to them, how networks are presented and managed on Unix and Windows platforms, specific server programs and their clients, and what the inherent risks are.

*Required Courses:*

- CS 9A, Technology Project Management I (3) (*same as CIS 9A*)
- CS 41, Linux Network Administration (3)
- CS 43, Windows Network Administration (3)
- CS 70, Network Fundamentals & Architecture (3)
- CS 75, Network Protocols and Analysis (2)
- CS 78, Secure Server Installation & Administration (3)



## ROBOTICS AND ARTIFICIAL INTELLIGENCE, DEPARTMENT CERTIFICATE

This program is temporarily suspended. Many of the required classes are not being offered at this time. If you are interested in this certificate program, please contact the Computer Science department at (310) 434-4295.

## Cosmetology

The Cosmetology Department is an exciting place of color, shape, and beauty. We welcome you to join our program, where you can obtain the education you need to succeed in the cosmetology, skin care, and nail care industries. These well-established programs will prepare you for a career as a platform artist, educator, stylist, colorist, salon owner, sales representative, and makeup artist, as well as offer you the opportunity to work in the television and movie industries, or on cruise ships. Our program prepares you to take the State board examination for a cosmetology license.

Information regarding the cosmetology program is available in the Cosmetology Department, (310) 434-4292, and through the SMC website ([smc.edu](http://smc.edu)).

### Programs Offered:

- Cosmetology Associate Degree
- Cosmetology Certificate of Achievement (25.5 units to total 1,600 hours)
- Esthetician (*formerly Skin Care*) Department Certificate (12 units to total 600 hours)
- Nail Care Department Certificate (9 units to total 400 hours)
- Business: Salon Entrepreneurship Department Certificate (11 units)

## COSMETOLOGY, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will be able to demonstrate professional level skill in her cutting, hair coloring, hair styling, nail care, and skin care. Additionally, the student will be proficient in health and safety procedures in common use in salons. Upon completion, the student will be eligible to take the California State Board of Cosmetology and Barbering licensure exam.

### Required Hours:

1600 hours minimum, including the courses specified below.

### Required Related Science Courses:

- COSM 10A, Related Science 1A (*COSM 10 is now 10A and 10B*)
- COSM 10B, Related Science 1B (*COSM 10 is now 10A and 10B*)
- COSM 20, Related Science 2
- COSM 30, Related Science 3
- COSM 40, Related Science 4
- COSM 50A, Related Science 5
- COSM 50B, Practical Preparation for State Board Exam
- COSM 50C, Written Preparation for State Board Exam (*only required if 50B was completed Fall 2010 or later*)

### Required Hair Cutting Courses:

- COSM 11A, Hair Cutting 1
- COSM 21A, Hair Cutting 2
- COSM 31A, Hair Cutting 3
- COSM 42, Men's Hair Styling

### Required Hair Styling Courses:

- COSM 11B, Hair Styling 1
- COSM 21B, Hair Styling 2
- COSM 31B, Hair Styling 3

### Required Hair Coloring Courses:

- COSM 11C, Hair Coloring 1
- COSM 21C, Hair Coloring 2
- COSM 31C, Hair Coloring 3

### Required Permanent Wave Courses:

- COSM 11D, Permanent Wave 1
- COSM 21D, Permanent Waving 2

### Required Curly Hair Technique Courses:

- COSM 11E, Curly Hair Techniques 1 (*formerly 14A*)
- COSM 21E, Curly Hair Techniques 2 (*formerly 14B*)
- COSM 31E, Curly Hair Techniques 3 (*formerly 24*)

### Required Nail Care Courses:

- COSM 16, Nail Care 1
- COSM 26, Nail Care 2
- COSM 36, Nail Care 3

### Required Esthetician Courses:

- COSM 18, Skin Care 1
- COSM 28A, Skin Care 2A
- COSM 28B, Skin Care 2B
- COSM 38, Skin Care 3
- COSM 48, Skin Care 4
- COSM 48B, Advanced Make-Up

### Required Salon Management Course:

- COSM 64, Salon Management

*Advanced Courses for Career Success: Select at least two of the courses below: (1 unit minimum)*

- COSM 38B, Mechanical Exfoliation
- COSM 38C, Chemical Exfoliation
- COSM 41B, Hair Styling 4
- COSM 46, Nail Care 4

In order to fulfill required hours, operations, and/or units, select one or more of the following Salon courses: (1 unit minimum) NOTE: Students may NOT enroll in any of the courses below until they have completed at least 300 hours of practicum activity AND have completed all of the following Cosmetology courses: 10A, 10B, 11A, 11B, 11C, 11D, 11E, 16, and 18.

### Salon Experience Courses:

- COSM 95A, Salon Experience
- COSM 95B, Salon Experience
- COSM 95C, Salon Experience
- COSM 95D, Salon Experience

## ESTHETICIAN (FORMERLY SKIN CARE), DEPARTMENT CERTIFICATE

The esthetician program provides students with professional-level skill in client consultation, skin analysis, and manual, chemical, and electrical facials, as well as eyebrow shaping, waxing, the application of strip and individual eyelashes, and makeup application. Additionally, students will become proficient in health and safety procedures in

common use in salons and spas. Upon completion, the student will be eligible to take the State Board of Cosmetology and Barbering/NIC Esthetician licensure exam.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate professional-level skill in client consultation, skin analysis, and manual, chemical, and electrical facials, as well as eyebrow shaping, waxing, the application of strip and individual eyelashes, and makeup application. Additionally, the student will be proficient in health and safety procedures in common use in salons and spas.

**Required Hours:**

600 hours minimum, including the courses specified below.

**Required Related Science Courses:**

COSM 10A, Related Science 1A  
 COSM 10B, Related Science 1B  
 COSM 20, Related Science 2  
 COSM 30, Related Science 3  
 COSM 50E, Written Preparation for Esthetician State Board Exam

**Required Esthetician Courses:**

COSM 18, Skin Care 1  
 COSM 28A, Skin Care 2A  
 COSM 28B, Skin Care 2B  
 COSM 38, Skin Care 3  
 COSM 38B, Mechanical Exfoliation  
 COSM 38C, Chemical Exfoliation  
 COSM 48, Skin Care 4  
 COSM 48B, Advanced Make-Up

**Required Salon Management Course:**

COSM 64, Salon Management  
**Theory and Practice Activity:** In order to fulfill required hours, operations, and/or units, select one or more of the following Salon courses: (1 unit minimum) **NOTE:** Students may NOT enroll in any of the courses below until they have completed at least 90 hours of practicum activity AND have completed all of the following COSM courses: 10A, 10B, and 18.

**Salon Experience Courses:**

COSM 95A, Salon Experience  
 COSM 95B, Salon Experience  
 COSM 95C, Salon Experience  
 COSM 95D, Salon Experience

## NAIL CARE, DEPARTMENT CERTIFICATE

**Program Learning Outcomes:** Upon completion of the Nail Care program, students will demonstrate professional-level skill in manicures, pedicures, nail tips, acrylics, gel nails, and 3-D nail art. Additionally, the student will be proficient in health and safety procedures in common use in salons and spas.

**Required Hours:**

400 hours minimum, including the courses specified below.

**Required Related Science Courses:**

COSM 10A, Related Science 1A  
 COSM 10B, Related Science 1B  
 COSM 20, Related Science 2  
 COSM 50N, Written Preparation for Nail Care State Board Exam

**Required Nail Care Courses:**

COSM 16, Nail Care 1  
 COSM 26, Nail Care 2  
 COSM 36, Nail Care 3  
 COSM 46, Nail Care 4

**Required Salon Management Course:**

Cosmetology 64, Salon Management

**Theory and Practical Activity:** In order to fulfill required hours, operations, and/or units, select one or more of the following Salon courses: (1 unit minimum) (**NOTE:** Students may NOT enroll in any of the courses below until they have completed at least 90 hours of practicum activity AND have completed all of the following COSM courses: 10A, 10B, and 16.)

**Salon Experience Courses:**

COSM 95A, Salon Experience  
 COSM 95B, Salon Experience  
 COSM 95C, Salon Experience  
 COSM 95D, Salon Experience

## BUSINESS: SALON ENTREPRENEURSHIP, DEPARTMENT CERTIFICATE

A Department Certificate in Salon Business will aid cosmetologists, estheticians, and manicurists in establishing and running their own business/salon.

**Required Courses:**

ACCTG 21, Business Bookkeeping (3)  
 -----  
 BUS 1, Introduction to Business (3)  
**or**  
 BUS 20, Principles of Marketing (3)  
**or**  
 BUS 65, Management Principles (3)  
 -----  
 CIS 4, Business Information Systems with Applications (3)  
 COSM 64, Salon Management (2)

## TEACHER TRAINING (IN COSMETOLOGY)

*This program is temporarily suspended. Many of the required classes are not being offered at this time. If you are interested in this certificate program, please contact the Cosmetology department at (310) 434-4292.*

## Dance

The Dance program prepares the serious dance student for university transfer and provides dance training and enrichment for both the beginning and the advanced dancer. The program offers a comprehensive curriculum with a broad range of dance courses to nurture versatile dance artists. The Dance Department encourages students to think independently, to value creative thought and diversity, and to be responsible global citizens.

The goal of the Dance program is to prepare students for future careers in performance, choreography, teaching, and related careers in dance. The program offers a wide array of dance classes designed to cultivate technique, creativity, and performance skills while enhancing self-confidence, creative thought/expression, and critical thinking.



For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources..

### Programs Offered:

- Transfer Preparation
- Dance Associate Degree
- Dance Teacher (Pre K-grade 5) Department Certificate (17 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### DANCE, ASSOCIATE DEGREE

**Program Learning Outcomes:** Upon completion of the program, students will develop an understanding and appreciation of the aesthetics inherent in the art of dance, as well as develop an awareness and respect for similar and dissimilar cultures. Students acquire the historical knowledge, necessary technical skills, and knowledge in a particular style of dance, as well as observation/analysis of dance presented on stage or in media. Students implement critical thinking skills and kinesthetic awareness through creative experience in class, learning to communicate through the power of movement, and discovering self-motivation.

*Required Courses: (19 units)*

- DANCE 5, Dance History (3)
- DANCE 33, Ballet 3 (2)
- DANCE 34, Ballet 4 (2)
- DANCE 35, Ballet 5 (2)
- DANCE 36, Ballet 6 (2)
- DANCE 43, Contemporary Modern Dance 3 (2)
- DANCE 44, Contemporary Modern Dance 4 (2)
- DANCE 45, Contemporary Modern Dance 5 (2)
- DANCE 46, Contemporary Modern Dance 6 (2)

*Performance Courses, select two courses from the following: (6 units)*

- DANCE 55A, Dance Performance – Modern (3)
- DANCE 57A, World Dance Performance (3)
- DANCE 59A, Dance Performance – Ballet (3)

*Choreography, select 2 units from the following:*

- DANCE 60, Fundamentals of Choreography 1 (2)
- DANCE 61, Fundamentals of Choreography 2 (2)
- DANCE 62, Fundamentals of Choreography 3 (2)
- DANCE 63, Fundamentals of Choreography 4 (2)

*Additional Electives, select at least 2 units from the following:*

- DANCE 2, Dance in American Culture (3)
- DANCE 7, Music for Dance (3)

- DANCE 9, Dance Productions (3)
- DANCE 10, Fundamentals of Dance Technique (2)
- DANCE 11, Beginning Hip Hop Dance (2)
- DANCE 12, Intermediate Hip Hop Dance (2)
- DANCE 14, Beginning Modern Jazz Dance (1)
- DANCE 15, Intermediate Modern Jazz (1)
- DANCE 16, Advanced Modern Jazz (1)
- DANCE 17, Beginning Tap (1)
- DANCE 18, Intermediate Tap (1)
- DANCE 19, Ballroom Dance (1)
- DANCE 20, World Dance Survey (2)
- DANCE 21, Asian Pacific Dance Survey (2)
- DANCE 22, Mexican Dance (2)
- DANCE 23, Intermediate Mexican Dance (2)
- DANCE 24, Flamenco Dance (2)
- DANCE 25, African Dance (2)
- DANCE 27, Brazilian Dance (2)
- DANCE 27B, Intermediate Brazilian Dance (2)
- DANCE 29, Middle Eastern/North African Dance (2)
- DANCE 31, Ballet 1 (1)
- DANCE 32, Ballet 2 (1)
- DANCE 37, Beginning Pointe (1)
- DANCE 41, Contemporary Modern Dance 1 (1)
- DANCE 42, Contemporary Modern Dance 2 (1)
- DANCE 55B, Dance Repertory – Modern (1)
- DANCE 55C, Modern Dance Staging Techniques (1)
- DANCE 57B, Repertory World Dance (1)
- DANCE 57C, World Dance Staging Techniques (1)
- DANCE 70, Dance Staging Techniques (1)
- DANCE 75, Dance for Children: Creative Dance in the Pre-K and Elementary Classroom (3) (*same as ECE 75*)
- DANCE 79, Dance in New York City (1)

### DANCE TEACHER (PRE K-GRADE 5), DEPARTMENT CERTIFICATE

The Dance Teacher (Pre K-Grade 5) Department Certificate program is specifically designed for students seeking to expand their dance and pedagogical experience as a dance educator in the Pre K-grade 5 setting. The curriculum is designed to be completed in two semesters of study. Students complete coursework through the Dance, Early Childhood Education, and Psychology departments. Coursework includes hands-on experience teaching in a Pre K-grade 5 classroom under the supervision of an experienced dance educator. Upon completion, the student is familiar with the planning, implementation, and assessment of dance education in the Pre K-grade 5 setting.

The Santa Monica College Dance Teacher Department Certificate provides practical experience for:

- Instructors in dance programs in Pre K-grade 5 schools;
- Classroom teachers in Pre K-grade 5 schools;
- Instructors and studio directors in private schools of dance;
- Instructors and directors for community-based dance programs;
- Instructors for dance-company residencies in Pre K-grade 5 schools;
- Teaching-artists for nonprofit arts organizations; and
- Teaching-artists for professional schools associated with dance companies.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive knowledge in developing, implementing, and assessing sequential dance programs in Pre K-grade 5 public and independent school settings. Students will identify the role of dance education within these settings and apply creative movement experiences to reinforce understanding of curriculum concepts including science, history, literature, and math.

*Core Courses: (11 units)*

DANCE 75, Dance for Children: Creative Dance in the Pre-K and Elementary Classroom (3) (*same as ECE 75*)

DANCE 90B, Internship in Dance (2)

ECE 2, Principles and Practices of Teaching Young Children (3)

PSYCH 11, Child Growth and Development (3)

*Ballet Electives, select 2 units from the following:*

DANCE 33, Ballet 3 (2)

DANCE 34, Ballet 4 (2)

DANCE 35, Ballet 5 (2)

DANCE 36, Ballet 6 (2)

*Modern Dance Electives, select 2 units from the following:*

DANCE 43, Contemporary Modern Dance 3 (2)

DANCE 44, Contemporary Modern Dance 4 (2)

DANCE 45, Contemporary Modern Dance 5 (2)

DANCE 46, Contemporary Modern Dance 6 (2)

*World Dance Electives, select 2 units from the following:*

DANCE 11, Beginning Hip Hop Dance (2)

DANCE 12, Intermediate Hip Hop Dance (2)

DANCE 20, World Dance Survey (2)

DANCE 21, Asian Pacific Dance Survey (2)

DANCE 22, Mexican Dance (2)

DANCE 23, Intermediate Mexican Dance (2)

DANCE 24, Flamenco Dance (2)

DANCE 25, African Dance (2)

DANCE 27, Brazilian Dance (2)

DANCE 27B, Intermediate Brazilian Dance (2)

DANCE 29, Middle Eastern/North African Dance (2)

## Digital Media

See *Entertainment Technology*

## Early Childhood Education

Early Childhood Education majors will be trained to supervise and provide care and learning experiences for infant through eight-year-old children in a variety of early childhood settings. Early Childhood Education professionals adhere to the guidelines as well as the Professional Code of Ethics of the National Association for the Education of Young Children (NAEYC) providing developmentally appropriate learning opportunities for the enhancement of the physical, intellectual, social, emotional and creative domains of young children.

The Early Childhood Education major focuses on educational practices that emphasize interpersonal relationships, cultural diversity, child-centered curriculum and the

inclusion of children with special needs in all educational opportunities.

The Early Childhood Education Program major follows a natural progression that allows students to move from short to long-term educational goals: preparation for the state Children's Center Permit, fulfillment of post-certificate Professional Development, completion of advanced California Career Ladder courses (including paired specialization courses as well as the California State Mentor course), completion of an Associate degree in Early Childhood Education – Career, Associate degree in Early Childhood Intervention assistant, Associate degree in Early Childhood Intervention Teacher, and transfer to a four-year institution.

Possible Early Childhood Education career goals include Early Childhood Education Teacher, Early Education Director, Early Childhood Intervention Assistant, Early Childhood Intervention Teacher, Family Home Child Care Provider, Private ECE Center Owner/Director, K through 12 Teacher, Early Childhood Special Education Teacher, K through 12 Special Education Teacher, Parent Educator, Early Childhood Education Instructor, Marriage Family and Child Counselor, Child-Life Specialist.

The Early Childhood Intervention Assistant program will prepare students for career placements in public and/or private early intervention and educational settings that serve typically and atypically developing young children. Specific jobs and responsibilities may include serving as an early childhood educator with a specialization in working with children with special needs, special education assistant for children birth to eight years of age, a one-to-one aide for a child (e.g., "inclusion facilitator"), classroom aide with expertise in special needs, or as an assistant to the early intervention team for infants birth to three years of age.

**Grid for Early Childhood Education courses at California Community Colleges can be found at:** [childdevelopment.org/cs/cdtcl/print/htdocs/services\\_colleges\\_aligned.htm](http://childdevelopment.org/cs/cdtcl/print/htdocs/services_colleges_aligned.htm)

### Programs Offered:

- Transfer Preparation
- Early Childhood Education Associate Degree for Transfer
- Early Childhood Education – Career Associate Degree
- Early Intervention Assistant Associate Degree
- Infant/Toddler Teacher Associate Degree
- Early Childhood Education – Career Certificate of Achievement (30 units)
- Early Intervention Assistant Certificate of Achievement (33 units)
- Infant/Toddler Teacher Certificate of Achievement (30 units)
- Early Childhood Education Core Department Certificate (12 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

SMC offers the **Early Childhood Education Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Early Childhood Education AS-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/ad-search/search.shtml](http://calstate.edu/transfer/ad-search/search.shtml)

- Bakersfield: Child Adolescent and Family Studies – General, BA
- Channel Islands: Early Childhood Studies – Early Childhood Studies – General, BA
- Chico: Child Development – General, BA
- Dominguez Hills: Child Development – General, BS
- East Bay: Human Development – Adolescent Development, BA
- East Bay: Human Development – Adult Development and Gerontology, BA
- East Bay: Human Development – Childhood Development, BA
- East Bay: Human Development – Early Childhood Development, BA
- East Bay: Human Development – Women’s Development, BA
- Fresno: Child Development, BS
- Fullerton: Child and Adolescent Development – Child and Adolescent Development – General, BS
- Humboldt: Liberal Studies – Child Development, BA
- Humboldt: Liberal Studies – Child Development/Elementary Education, BA
- Long Beach: Family and Consumer Sciences – Child Development and Family Studies, BA
- Los Angeles: Child Development – General, BA
- Monterey Bay: Human Development and Family Studies – General, BA
- Northridge: Child and Adolescent Development – Early Childhood Development, BA
- Pomona: Early Childhood Studies – General, BA
- Pomona: Gender, Ethnicity, and Multicultural Studies – Gender, Ethnicity, and Multicultural Studies, BA
- Pomona: Gender, Ethnicity, and Multicultural Studies – Gender, Ethnicity, and Multicultural Studies Pre-Credential, BA
- Sacramento: Child Development – Early Development, Care and Education, BA
- Sacramento: Child Development – Elementary Pre-Credential, BA
- Sacramento: Child Development – Individualized, BA

- Sacramento: Child Development – Social and Community Settings, BA
- San Francisco: Child and Adolescent Development – Early Childhood, BA
- San Francisco: Child and Adolescent Development – School Age Child and Family, BA
- San Francisco: Child and Adolescent Development – Youth Work and Out of School Time, BA
- San Jose: Child and Adolescent Development – Child and Adolescent Development, BA
- San Jose: Humanities – Liberal Arts, BA
- Sonoma: Early Childhood Studies – Early Childhood Studies – General, BA
- Stanislaus: Child Development – Child Development Early Childhood Track, BA
- Stanislaus: Child Development – Child Development General Track, BA
- Stanislaus: Child Development – Child Development Middle Childhood Track, BA
- Stanislaus: Child Development – Child Development Services Track, BA

## EARLY CHILDHOOD EDUCATION, ASSOCIATE DEGREE FOR TRANSFER

Upon successful completion of the Santa Monica College AS-T in Early Childhood Education, the student will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. This coursework will satisfy most of the lower-division Early Childhood Education requirements at many institutions at the California State University systems. This degree is intended for students who are interested in the theory of Early Childhood Education and are planning on transferring to a four-year university and majoring in Early Childhood Education.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the knowledge, skills, and dispositions to meet the entry-level requirements for early childhood professionals working in programs regulated by the California Department of Social Services (Title 22). This degree is designed to meet the requirements for the California Child Development Teacher permit and satisfies the course work required to transfer to a 4 year institution.

*Required Core Courses: (27 units)*

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- ECE 17, Introduction to Curriculum (3)
- ECE 19, Teaching in a Diverse Society (3)
- ECE 21, Observation and Assessment (4)
- ECE 22, Practicum in Early Childhood Education (5)
- ECE 64, Health, Safety and Nutrition for Young Children (3)
- PSYCH 11, Child Growth and Development (3)

## EARLY CHILDHOOD EDUCATION – CAREER, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

*Please note: This is NOT the CSU transfer degree. For details about the Early Childhood Education Associate in Science for Transfer (AS-T) to CSU, please see above.*

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the knowledge, skills, and



dispositions to meet the entry-level requirements for early childhood professionals working in programs regulated by the California Department of Social Services (Title 22). This degree is designed to meet the requirements for a California Child Development Teacher Permit.

*Required Core Courses: (24 units)*

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- ECE 21, Observation and Assessment (4)
- ECE 22, Practicum in Early Childhood Education (5)
- ECE 45, Introduction to Children with Special Needs (3)
- ECE 64, Health, Safety and Nutrition for Young Children (3)
- PSYCH 11, Child Growth and Development (3)

*Required Curriculum Courses; Select 2 courses from the following: (6 units)*

- ECE 4, Language and Literature for the Young Child (3)
- ECE 5, Math and Science for the Young Child (3)
- ECE 8, Creative Experiences – Art, Music and Movement (3)
- ECE 17, Introduction to Curriculum (3)

*Recommended Additional Coursework: Students may want to consider some of the following courses to deepen their knowledge and understanding. These courses are recommended, not required, for this program.*

- Bilingual 1, Introduction to Bilingual Studies (3)
- ECE 9, Introduction to School-Age Child Care (3)
- ECE 10, Developing Literacy (3)
- ECE 18, Childhood Culture and Personality (3) (*same as PSYCH 18*)
- ECE 20, High Scope Key Experience Curriculum (3)
- ECE 23, Practicum in Early Intervention (5)
- ECE 30, Strategies for Working with Challenging Behaviors (3)
- ECE 31, Communicating with Families (2)
- ECE 35, Foundations of Early Literacy (5)
- ECE 43, Administration 2: Personnel and Leadership in Early Childhood Education (3)
- ECE 44, Introduction to Family Day Care (1)
- ECE 45, Introduction to Children with Special Needs (3)
- ECE 46, Infant and Toddler Development (3)
- ECE 47, Developing Family Childcare (1)
- ECE 48, Adult Supervision and Mentoring in Early Education (3)
- ECE 49, Curriculum and Strategies for Children with Special Needs (3)
- ECE 50A, Parent Skills Development (1)
- ECE 51, The Reggio Approach (3)
- ECE 54, Documentation: Making Learning Visible (3)
- ECE 55, Environment as the Third Teacher (3)
- ECE 60, Child Observation and Assessment (3)
- ECE 75, Dance for Children: Creative Dance in the Pre-K and Elementary Classroom (3) (*same as DANCE 75*)
- ECE 84, Early Childhood Educator's Seminar (1)
- EDUC 1, Careers in Education (3)
- EDUC 2, The Early Childhood Through 12th Grade Teaching Experience (3)
- EDUC 20, Strategies for Paraeducators (3)

- EDUC 24, Paraeducator Fieldwork Experience (5)
- PSYCH 1, General Psychology (3)

### **EARLY INTERVENTION ASSISTANT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the knowledge, skills, and dispositions to work with young children with special needs and with those who may be at risk for developmental delays and disabilities, and with their families. The degree and certificate programs are appropriate for students working as assistants or paraprofessionals in early intervention or early childhood special education. The degree program is also appropriate for students working as early childhood teachers in an inclusive early childhood program licensed by the California Department of Social Services (Title 22). The degree is designed to meet the requirements for the California Child Development Teacher permit, while the certificate is designed to meet two of the three requirements needed to qualify for the California Child Development Teacher permit.

*Required Courses:*

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- ECE 17, Introduction to Curriculum (3)
- ECE 21, Observation and Assessment (4)
- ECE 23, Practicum in Early Intervention (5)
- ECE 45, Introduction to Children with Special Needs (3)
- ECE 46, Infant and Toddler Development (3)
- ECE 49, Curriculum and Strategies for Children with Special Needs (3)
- ECE 64, Health, Safety and Nutrition for Young Children (3)
- PSYCH 11, Child Growth and Development (3)

### **INFANT/TODDLER TEACHER, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

This program prepares students to work with infants/toddlers (0-36 months) enabling the student to assist a teacher in a public infant/toddler program or teach infants/toddlers in a private child care setting. In addition, students will develop skills to create respectful, reciprocal relationships that support, empower, and involve families in their children's learning and development.

Early Childhood Education professionals adhere to the guidelines as well as the Professional Code of Ethics of the National Association for the Education of Young Children (NAEYC) providing developmentally appropriate learning opportunities for the enhancement of the physical, intellectual, social, emotional and creative domains of young children.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate an understanding of young children and the multiple interacting influences on children's development and learning in order to create environments that are respectful and supportive for all children, especially those 0-36 months old.

Upon completion of the program, students will demonstrate the ability to create respectful, reciprocal relation-

ships that support and empower families, and involve families in their children's learning and development.

**Required Courses:**

- PSYCH 11 Child Growth and Development (3)
- ECE 2 Principles and Practices of Teaching Young Children (3)
- ECE 11 Child, Family and Community (3)
- ECE 17 Introduction to Curriculum (3)
- ECE 21 Observation and Assessment (4)
- ECE 22 Practicum in Early Childhood Education (5)
- ECE 32 Communicating With Families (3)
- ECE 46 Infant and Toddler Development (3)
- ECE 71 Infants and Toddler Education and Care (3)

### EARLY CHILDHOOD EDUCATION CORE, DEPARTMENT CERTIFICATE

This Department Certificate mirrors the courses required to obtain the Associate Teacher Permit according to the Child Development Permit Matrix issued by the California Commission of Teaching Credentialing. The 12 core units are the minimum required for employment in a California Community Care Licensed program.

Students who desire to work in an early childhood setting are required to complete—at a minimum—these core courses.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the knowledge, skills, and dispositions to meet the entry-level requirements for early childhood professionals working in programs regulated by the California Department of Social Services (Title 22). This certificate is designed to meet the Early Childhood Education course work, which is one of the two requirements needed to qualify for the California Child Development Associate Teacher permit.

**Required Courses: (9 units)**

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- PSYCH 11, Child Growth and Development (3)
- Select 1 additional course from the list below: (3 units)
- ECE 4, Language and Literature for the Young Child (3)
- ECE 5, Math and Science for the Young Child (3)
- ECE 8, Creative Experiences – Art, Music and Movement (3)
- ECE 17, Introduction to Curriculum (3)

#### To Teach in a Licensed Early Childhood Center

Each course must be completed with a grade of C or higher.

**Required Core Courses: (12 units)**

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- 
- ECE 5, Math and Science for the Young Child (3)
- or**
- ECE 8, A Creative Experience: Art, Music and Movement (3)
- or**
- ECE 4, Language and Literature for the Young Child (3)

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#### PSYCH 11, Child Growth and Development (3)

The State Department of Social Services requires certain educational standards as part of the licensing of child development programs under their jurisdiction. Please refer to the matrix below for state requirements. (Please consult with Department for further details).

### ADDITIONAL INFORMATION: CHILD DEVELOPMENT PERMIT MATRIX (WITH ALTERNATIVE QUALIFICATION OPTIONS)

This matrix was prepared by the Child Development Training Consortium. To obtain a permit application, visit [childdevelopment.org](http://childdevelopment.org) or call (209) 572-6080.

#### Assistant (optional)

**Education Requirement:**

**OPTION 1:**

6 units of Early Childhood Education (ECE)

**or**

Child Development (CD)

**Experience Requirement: None**

**Alternative Qualifications:**

**OPTION 2:**

Accredited HERO Program (including ROP)

Authorization: Authorizes the holder to care for and assist in the development and instruction of children in a child care and development program under the supervision of an Associate Teacher, Teacher, Master Teacher, Site Supervisor, or Program Director.

Five Year Renewal: 105 hrs. of professional growth\*\*\*\*\*

#### Associate Teacher

**Education Requirement:**

**OPTION 1:**

12 units of ECE/CD including core courses\*\*

**Experience Requirement:** 50 days of 3+ hours per day within 2 years

**Alternative Qualifications:**

**OPTION 2:**

Child Development Associate (CDA) Credential  
Authorization: Authorizes the holder to provide service in the care, development, and instruction of children in a child care and development program, and supervise an Assistant and an aide.

Five Year Renewal: Must complete 15 additional units toward a Teacher Permit. Must meet Teacher requirements within 10 years.

#### Teacher

**Education Requirement:**

**OPTION 1:**

24 units ECE/CD including core courses\*\* plus 16 general education units\* plus 6 specialization units, plus 2 adult supervision units

**Experience Requirement:** 175 days of 3+ hours per day within 4 years

**Alternative Qualifications:**

**OPTION 2:**

Associate degree **or** higher in ECE/CD **or** related field with 3 units of supervised field experience in ECE/CD setting



Authorization: Authorizes the holder to provide service in the care, development, and instruction of children in a child care and development program, and supervise an Associate Teacher, Assistant, and an aide.

Five Year Renewal: 105 hours of professional growth\*\*\*\*\*

#### Master Teacher

Education Requirement:

##### OPTION 1:

24 units ECE/CD including core courses\*\*, plus 16 general education units\*, plus 6 specialization units, plus 2 adult supervision units

Experience Requirement: 350 days of 3+ hours per day within 4 years

Alternative Qualifications:

##### OPTION 2:

B.A. **or** higher (does not have to be in ECE/CD) with 12 units of ECE/CD, plus 3 units of supervised field experience in ECE/CD setting

Authorization: Authorizes the holder to provide service in the care, development, and instruction of children in a child care and development program, and supervise a Teacher, Associate Teacher, Assistant, and an aide. The permit also authorizes the holder to serve as a coordinator of curriculum and staff development.

Five Year Renewal: 105 hours of professional growth\*\*\*\*\*

#### Site Supervisor

Education Requirement:

##### OPTION 1:

Associate degree (**or** 60 units) which includes: 24 ECE/CD units with core courses\*\*, plus 6 administration units, plus 2 adult supervision units

Experience Requirement: 350 days of 3+ hours per day within 4 years, including at least 100 days of supervising adults

Alternative Qualifications:

##### OPTION 2:

B.A. **or** higher (does not have to be in ECE/CD) with 12 units of ECE/CD, plus 3 units of supervised field experience in ECE/CD setting;

**or**

##### OPTION 3:

Admin. Credential\*\*\* with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting;

**or**

##### OPTION 4:

Teaching credential\*\*\*\* with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD settings

Authorization: Authorizes the holder to supervise a child care and development operating as a single site; provide services in the care, development, and instruction of children in a child care and development program; and serve as a coordinator of curriculum and staff development.

Five Year Renewal: 105 hours of professional growth\*\*\*\*\*

#### Program Director

Education Requirement:

##### OPTION 1:

B.A. **or** higher (does not have to be in ECE/CD) including: 24 ECE/CD units with core courses\*\*, plus 6 administration units, plus 2 adult supervision units

Experience Requirement: One year of Site Supervisor experience

Alternative Qualifications:

##### OPTION 2:

Admin. credential\*\*\* with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting;

**or**

##### OPTION 3:

Teaching credential\*\*\* with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting, plus 6 units administration;

**or**

##### OPTION 4:

Master's Degree in ECE/CD or Child/Human Development

Authorization: Authorizes the holder to supervise a child care and development program operating in a single site or multiple sites; provide service in a care, development, and instruction of children in a child care and development program; and serve as coordinator of curriculum and staff development.

Five Year Renewal: 105 hours of professional growth\*\*\*\*\*

*NOTE: All unit requirement listed above are semester units. All course work must be completed with a grade of C or better from a regionally accredited college. Spanish translation is available.*

*\*One course in each of four general education categories, which are degree applicable: English/Language Arts, Math, or Science, Social Science, Humanities and/or Fine Arts.*

*\*\*Core courses include child/human growth and development, Child/Family/Community, or Child and Family Relations; and Programs/Curriculum. You must have a minimum of three semester units or four quarter units in each of the core areas.*

*\*\*\*Holder of the Administrative Services Credential may serve as a Site Supervisor or Program Director.*

*\*\*\*\*A valid Multiple Subject or a Single Subject in Home Economics.*

*\*\*\*\*\*Professional growth hours must be completed under the guidance of a Professional Growth Advisor. Call (209) 572-6080 for assistance in locating an advisor.*

## Economics

Economists study how society can best use scarce resources such as land, raw materials, capital, and labor. They analyze the relationships between the supply of goods and services and the demand for them, as well as how these goods and services are produced, distributed, and consumed. Some economists work on public issues such as the control of inflation, business cycles, unemployment, wage, tax, and tariff policies. Economics is widely recognized as a solid background for a career in business, government, law, teaching and research.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Economics Associate Degree for Transfer

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a transfer pathway for any UC campus that offers Economics. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

SMC offers the **Economics Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Economics AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/ad-search/search.shtml](http://calstate.edu/transfer/ad-search/search.shtml)

- Bakersfield: Economics – General, BS
- Channel Islands: Economics – General Economics, BA
- Channel Islands: Economics – International Economics, BA
- Channel Islands: Economics – Managerial Economics, BA
- Chico: Economics – General, BA
- East Bay: Economics – General Economics, BA
- East Bay: Economics – Social Science Economics, BA
- Fresno: Economics, BA
- Fullerton: Economics – General, BA
- Humboldt: Economics – General, BA
- Long Beach: Business Economics – Business Economics – General, BA
- Long Beach: Economics – General, BA
- Long Beach: Economics – Mathematical Economics and Economic Theory, BA
- Northridge: Economics – General, BA
- Pomona: Economics – General, BS
- Sacramento: Economics – Economics – General, BA
- San Bernardino: Economics – Applied Economics Track, BA

- San Bernardino: Economics – General, BA
- San Bernardino: Economics – Mathematical Economics Track, BA
- San Bernardino: Economics – Political Economy Track, BA
- San Diego: Economics – General, BA
- San Francisco: Economics – Economics – General, BA
- San Jose: Economics, BA
- San Jose: Economics, BS
- San Jose: Humanities – Liberal Arts, BA
- San Marcos: Economics – General, BA
- Sonoma: Economics – International Economics, BA
- Sonoma: Economics – Labor and Public Economics, BA
- Sonoma: Economics – Managerial Economics, BA
- Stanislaus: Economics – General, BA

### ECONOMICS, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Economics for Transfer (AA-T) involves the study of how society can best use scarce resources such as land, raw materials, capital, and labor. The course of study analyzes the relationships between the supply of goods and services and the demand for them, as well as how these goods and services are produced, distributed, and consumed. Some economists work on public issues such as the control of inflation, business cycles, unemployment, wage, tax, and tariff policies. Economics is widely recognized as a solid background for a career in business, government, law, teaching and research.

Upon successful completion of the Associate in Arts in Economics for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower division requirements for transfer into economics or similar majors for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate, through written and oral academic work, an understanding of how the market economy fundamentally operates. Specifically, students will develop the quantitative reasoning and critical analytic/graphical skills necessary to comprehend and explain basic microeconomic and macroeconomic concepts and functions, including, but not limited to, supply and demand, pricing decision, firm's production decisions and profit maximization decision under various market structures, contending perspectives of economic thought, and the impacts of government policies (fiscal and monetary policies) on gross domestic product, unemployment, inflation, budget deficits, national debt, foreign currency, and the international economy.

*Required Core Course: (15 units)*

ECON 1, Principles of Microeconomics (3)  
ECON 2, Principles of Macroeconomics (3)  
MATH 54, Elementary Statistics (4)

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MATH 7, Calculus 1 (5)

**or**

MATH 28, Calculus (5)

*LIST A: Select 1 course from the following: (3 units minimum)*

ACCTG 1, Introduction to Financial Accounting (5)

ACCTG 2, Corporate Financial and Managerial Accounting (5)  
 ARABIC 1, Elementary Arabic 1 (5)  
 BUS 5, Business Law (3)  
 BUS 6, Advanced Business Law (3) (*formerly same as ACCTG 26*)  
 BUS 32, Business Communications (3)  
 CHNESE 1, Elementary Chinese (Mandarin I) (5)  
 CHNESE 2, Elementary Chinese 2 (5)  
 ENGL 2, Critical Analysis and Intermediate Composition (3)  
 ENGL 70, Technical Communication (3)  
 HIST 47, The Practice of History (3)  
 MATH 2, Precalculus (5)  
 MATH 8, Calculus 2 (5)  
 MATH 29, Calculus II for Business and Social Science (3)  
 SPAN 1, Elementary Spanish I (5)  
 SPAN 2, Elementary Spanish II (5)  
 SPAN 3, Intermediate Spanish I (5)  
 SPAN 4, Intermediate Spanish II (5)  
 SPAN 11, Spanish for Native Speakers I (5)  
 SPAN 12, Spanish for Native Speakers 2 (5)

*LIST B: Select 1 course from the following: (3 units minimum)*

Any course not used in List A  
 ECON 5, International Political Economy: Introduction to Global Studies (3) (*same as POL SC 5 and GLOBAL 5*)  
 ECON 6, Contemporary Economic Problems (3)  
 ECON 15, Economic History of the US (3) (*same as HIST 15*)  
 MATH 11, Multivariable Calculus (5)  
 MATH 13, Linear Algebra (3)

## Education

### Programs Offered:

- Transfer Preparation

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

## Energy Efficiency

This program is designed to provide formal training for individuals who seek entry into the Energy Services field. Students will learn to conduct energy audits in residential buildings; establish energy efficiency bench-

marks for commercial buildings and data center physical infrastructures; and help utilize resources more efficiently by reducing lighting, and lowering heating and cooling energy consumption in building systems and processes.

Students will learn to provide analyses and recommendations that will help suggest alternative energy sources, as well as unconventional lighting, cooling, space heating, and resource management procedures.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Energy Efficiency Specialist Department Certificate (13 units)
- See also Photovoltaic Installation

### ENERGY EFFICIENCY SPECIALIST, DEPARTMENT CERTIFICATE

**Program Learning Outcomes:** Students will be able to identify the salient concerns related to safe and efficient energy use in the built environment and the issues that threaten the ecological conditions on the planet related to energy production and use. Students will be able to explain how a solar cell converts sunlight into electrical power and how power is conditioned for use in buildings. Students will be proficient in conducting an energy utilization index (EUI) analysis. Students will be able to recognize the physical properties that consume or produce energy in residential and commercial energy systems, including HVAC, lighting, and renewable energy systems. Students will be able to apply appropriate regulatory codes when conducting energy efficiency requirements for new and existing buildings, and compliance with new Zero Net Energy (ZNE) code requirements.

#### Required Courses:

ENERGY 1, Introduction to Energy Efficiency (3)  
 ENERGY 2, Energy Efficiency 2: Residential Building Science (3)  
 ENERGY 3, Commercial Building Science (4)  
 PV 1, Introduction to Solar Energy Systems (3)  
*or*  
 PV 11, Introduction to Solar Photovoltaics (3)

## Engineering

Engineers apply the theories and principles of science and mathematics to research and develop economical solutions to practical technical problems. Their work is the link between scientific discoveries and commercial applications. Engineers design products, the machinery to build those products, the factories in which those products are made, and the systems that ensure the quality of the product and efficiency of the workforce and manufacturing process. There are a variety of engineering fields: electrical, mechanical, civil, industrial, aeronautical, chemical, materials, nuclear, petroleum and mining engineering.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

**Programs Offered:**

- Transfer Preparation
- Related Program: Liberal Arts -- Arts and Humanities

**TRANSFER PREPARATION**

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers Electrical Engineering and Mechanical Engineering. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

Due to the competitive nature of Engineering programs, students are advised to complete as many lower division courses as possible prior to transfer. Please see a counselor for more information.

To be minimally eligible to transfer to a UC campus, transfer students must complete four (4) general education courses chosen from at least two of the following areas: Arts and Humanities, Social and Behavioral Sciences, Physical and Biological Science, and two composition courses. Please see a Santa Monica College counselor for additional information.

## English

English majors develop written and spoken mastery of the English language, creativity of thought, and an appreciation of the language's literature. The English major can lead to a career in teaching at all levels. Additional careers include advertising copywriter, editor, foreign correspondent, literary agent, media planner, reporter, fundraiser, paralegal, public administrator, speechwriter, information abstractor/information indexer, interpreter & translator.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

**Programs Offered:**

- Transfer Preparation
- Related Program: Liberal Arts -- Arts and Humanities

**TRANSFER PREPARATION**

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers English. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

## Entertainment Promotion and Marketing Production

See *Media Studies*

## Entertainment Technology

The mission of the Entertainment Technology program is to provide students with a comprehensive and well rounded education in rapidly evolving media fields. The Entertainment Technology curriculum is designed to meet the changing needs of the entertainment industry. Entertainment Technology courses are comprehensive and rigorous, covering areas such as Animation, Game Development, Post-Production, and Visual Effects. Students will develop professional portfolios, work in teams, and may participate in internships with industry partners when available.

While the Entertainment Technology certificate programs are designed as full-time programs, students may also attend part-time. Courses are available during the day and evenings Monday through Friday and during the day on Saturday. For additional information, please refer to [academy.smc.edu](http://academy.smc.edu).

**Programs Offered:**

- Animation Associate Degree
- Digital Media Associate Degree
- Animation Certificate of Achievement (50 units)
- Digital Media Certificate of Achievement (44 units)
- 2D Animation Department Certificate (16 units)
- 3D Animation Department Certificate (16 units)
- 3D Modeling Department Certificate (16 units)
- 3D Rendering Department Certificate (16 units)
- Digital Effects Department Certificate (16 units)
- Game Development (*formerly Game Design*) Department Certificate (16 units)
- Visual Development Department Certificate (16 units)

**ANIMATION, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

See *recommended course sequence below*.

The Animation Associate degree is a comprehensive study of 2D and 3D animation techniques, taking four semesters of full-time study to complete.

**Program Learning Outcomes:** Upon completion of the program, students will be able to develop original and effective animation projects using industry-standard tools and methodologies.



**Required Core Courses: (34 units)**

- ET 2, Storytelling (3)
- ET 3, Principles of Project Management (3)
- ET 18, Storyboarding (3)
- ET 20, Visual Development (3)
- ET 24, 3D Fundamentals I (4)
- ET 31A, Digital Video Fundamentals (3)
- ET 40, Digital Audio Fundamentals (3)
- ET 61, History of Animation (3)
- ET 72, Career Exploration (2)
- ET 91, Perspective Drawing (2)
- ET 94, Color Theory (2)
- GR DES 64, Digital Imaging for Design I (3)

**Required Concentration: Select 1 of the following concentrations: (minimum 16 units as specified)**

**GROUP A: 2D Animation Concentration: 16 units**

- ET 19A, Beginning 2D Animation (3)
- ET 19B, Advanced 2D Animation (3)
- ET 30, Animation Project (4)
- ET 34, Web Animation I (3)
- ET 75, Digital Production for 2D Animation (3)

**GROUP B: 3D Animation Concentration: 16 units**

- ET 19A, Beginning 2D Animation (3)
- ET 24B, 3D Character Animation (3)
- ET 24C, Advanced 3D Character Animation (3)
- ET 24D, Digital Previsualization (3)
- ET 30, Animation Project (4)

**GROUP C: 3D Modeling Concentration: 16 units**

- ET 25, 3D Modeling and Rigging (3)
- ET 25B, 3D Character Creation (3)
- ET 25C, 3D Character Rigging (3)
- ET 26, 3D Rendering (3)
- ET 30, Animation Project (4)

**GROUP D: 3D Rendering Concentration: 16 units**

- ET 25, 3D Modeling and Rigging (3)
- ET 26, 3D Rendering (3)
- ET 30, Animation Project (4)
- ET 32, Digital Compositing (3)
- ET 38, Digital Imaging II (3)

**GROUP E: Digital Effects Concentration: 15 16 units**

- ET 30, Animation Project (4)
- ET 32, Digital Compositing (3)
- ET 33, Advanced Digital Compositing (3)
- ET 63, Digital Tracking & Integration (3)
- ET 64, Digital Effects I (3)

**GROUP F: Game Development Concentration: 16 units**

- ET 13, 2D Game Prototyping (3)
- ET 15, Beginning 3D Level Design (3)
- ET 30, Animation Project (4)
- ET 42, Principles of Game Development (3)
- ET 44, Game Design/Play Mechanics (3)

**GROUP G: Visual Development Concentration: 16 units**

- ET 21A, Character Design (3)
- ET 21B, Environment Design (3)
- ET 21C, Prop and Vehicle Design (3)
- ET 30, Animation Project (4)
- ET 38, Digital Imaging for Design 2 (3)

**DIGITAL MEDIA, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

This program provides students with a comprehensive hands-on education using industry-standard digital media tools. Focusing on the design and implementation of digital media for the entertainment industry, this program

covers a range of real-world audio and video production and post-production techniques, as well as traditional principles of storytelling and visual communication.

**Program Learning Outcomes:** Upon completion of the program, students will be able to develop original and effective digital media projects using industry-standard tools and methodologies.

**Required Courses:**

- ET 2, Storytelling (3)
- ET 3, Principles of Project Management (3)
- ET 18, Storyboarding (3)
- ET 31A, Digital Video Fundamentals (3)
- ET 31B, Digital Video Editing (3)
- ET 32, Digital Compositing (3)
- ET 38, Digital Imaging for Design 2 (3)
- ET 40, Digital Audio Fundamentals (3)
- 
- ET 41, Digital Audio Post Production (3)
- or**
- ET 41M, Digital Music Production (3)
- 
- ET 58, Motion Graphics I (3)
- ET 60, Post Production Project (3)
- ET 94, Color Theory and Application (2)
- FILM 1, Film Appreciation: Introduction to Cinema (3)
- GR DES 64, Digital Imaging for Design I (3) (*formerly ET 37*)
- GR DES 71, Motion Graphics 1 (3)
- GR DES 71B, Motion Graphics 2 (3)

**2D ANIMATION, DEPARTMENT CERTIFICATE**

This program provides a comprehensive understanding of the 2D animation process used in the entertainment industry. Students learn to create professional quality character animations for a variety of entertainment projects using art styles that may range from realistic to stylized.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate a comprehensive understanding of the 2D animation process used in the entertainment industry by developing an effective animation portfolio for entry-level employment.

**Required Courses:**

- ET 19, Beginning 2D Animation (3)
- ET 19B, Advanced 2D Animation (3)
- ET 30, Animation Project (4)
- ET 34, Web Animation I (3)
- ET 75, Digital Production for 2D Animation (3)

**3D ANIMATION, DEPARTMENT CERTIFICATE**

This program provides an understanding of the 3D animation process used in the entertainment industry. Students learn to animate 3D characters and props for a variety of entertainment projects that range from realistic to stylized.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate a comprehensive understanding of the 3D animation process used in the entertainment industry by developing an effective animation portfolio for entry-level employment.

**Required Courses:**

- ET 19, Beginning 2D Animation (3)

ET 24B, 3D Character Animation (3)  
 ET 24C, Advanced 3D Character Animation (3)  
 ET 24D, Digital Previsualization (3)  
 ET 30, Animation Project (4)

### 3D MODELING, DEPARTMENT CERTIFICATE

#### Required Courses:

ET 25, 3D Modeling and Rigging (3)  
 ET 25B, 3D Character Creation (3)  
 ET 25C, 3D Character Rigging (3)  
 ET 26, 3D Rendering (3)  
 ET 30, Animation Project (4)

### 3D RENDERING, DEPARTMENT CERTIFICATE

#### Required Courses:

ET 25, 3D Modeling and Rigging (3)  
 ET 26, 3D Rendering (3)  
 ET 30, Animation Project (4)  
 ET 32, Digital Compositing (3)  
 ET 38, Digital Imaging II (3)

### DIGITAL EFFECTS, DEPARTMENT CERTIFICATE

This program provides a comprehensive understanding of the visual effects process used in the entertainment industry. Students learn to create professional quality effects for a variety of entertainment projects.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate a comprehensive understanding of the visual effects process used in the entertainment industry by developing an effective portfolio for entry-level employment.

#### Required Courses:

ET 30, Animation Project (4)  
 ET 32, Digital Compositing (3)  
 ET 33, Advanced Digital Compositing (3)  
 ET 63, Digital Tracking and Integration (3)  
 ET 64, Digital Effects I (3)

### GAME DEVELOPMENT (FORMERLY GAME DESIGN), DEPARTMENT CERTIFICATE

This program provides an understanding of the game development process used in the entertainment industry. Students learn to effectively analyze gameplay elements and to develop original 2D and 3D game prototypes.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate a comprehensive understanding of the game development process used in the entertainment industry by developing original 2D and 3D game prototypes.

#### Required Courses:

ET 13, 2D Game Prototyping (3)  
 ET 15, Beginning 3D Level Design (3)  
 ET 30, Animation Project (4)  
 ET 42, Principles of Game Development (3)  
 ET 44, Game Design/Play Mechanics (3)

### VISUAL DEVELOPMENT, DEPARTMENT CERTIFICATE

This program provides a comprehensive understanding of the visual development process used in the entertainment industry. Emphasis is placed on form, composition, color,

value and lighting. Students learn to design professional quality characters and worlds for a variety of entertainment projects using art styles that range from realistic to stylized.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate a comprehensive understanding of the visual development process used in the entertainment industry by developing an effective design portfolio for entry-level employment.

#### Required Courses:

ET 21A, Character Design (3)  
 ET 21B, Environment Design (3)  
 ET 21C, Prop and Vehicle Design (3)  
 ET 30, Animation Project (4)  
 ET 38, Digital Imaging for Design 2 (3)

#### Suggested Animation Course Sequence

##### Semester 1

ET 2, Storytelling (3)  
 ET 18, Digital Storyboarding (3)  
 ET 24, 3D Fundamentals (4)  
 ET 91, Perspective Drawing (2)  
 ET 94, Color Theory (2)

##### Intersession 1

ET 61, History of Animation (3) (*same as GR DES 74*)

##### Semester 2

ET 31A, Digital Video Fundamentals (3)  
 GR DES 64, Digital Imaging for Design I (3)

*And one of the following concentrations:*

##### GROUP A CONCENTRATION:

ET 19A, Beginning 2D Animation (3)  
 ET 34, Web Animation 1 (3)

*or*

##### GROUP B CONCENTRATION:

ET 19A, Beginning 2D Animation (3)  
 ET 24B, 3D Character Animation 1 (3)

*or*

##### GROUP C CONCENTRATION:

ET 25, 3D Modeling (3)

*or*

##### GROUP D CONCENTRATION:

ET 25, 3D Modeling (3)  
 ET 32, Digital Compositing (3)

*or*

##### GROUP E CONCENTRATION:

ET 32, Digital Compositing (3)  
 ET 64, Digital Effects 1 (3)

*or*

##### GROUP F CONCENTRATION:

ET 15, Beginning 3D Level Design (3)  
 ET 42, Principles of Game Development (3)

##### Intersession 2

ET 3, Project Management (3)

##### Semester 3

ET 20, Visual Development (3)  
 ET 40, Digital Audio Fundamentals (3)

*And one of the following concentrations:*

##### GROUP A CONCENTRATION:

ET 19B, Advanced 2D Animation (3)  
 ET 75, Digital Production for 2D Animation (3)

*or*

**GROUP B CONCENTRATION:**

ET 19B, Advanced 2D Animation (3)

ET 24C, 3D Character Animation (3)

**or****GROUP C CONCENTRATION:**

ET 25B, 3D Character Creation (3)

ET 25C, 3D Character Rigging (3)

**or****GROUP D CONCENTRATION:**

ET 26, 3D Rendering (3)

ET 38, Digital Imaging for Design 2 (3)

**or****GROUP E CONCENTRATION:**

ET 63, Digital Tracking and Integration (3)

ET 65, Digital Effects 2 (3)

**or****GROUP F CONCENTRATION:**

ET 17, Advanced 3D Level Design (3)

ET 44, Game Design/Play Mechanics (3)

**Intersession 3**

ET 72, Career Development (2)

**Semester 4****GROUP A-D CONCENTRATION:**

ET 30, Animation Project (4)

**or****GROUP E CONCENTRATION:**

ET 80, Digital Effects Project (3)

**or****GROUP F CONCENTRATION:**

ET 49, Game Development Project (4)

## Environmental Science

Environmental Science is an interdisciplinary and multi-disciplinary course of study that presents an overview of ecological issues from a scientific perspective. With a broad foundation across the natural sciences, the coursework examines the interrelated nature of environmental and social systems. This program is designed to equip students with the skills and tools to successfully use the scientific method while studying and solving environmental problems.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

**Programs Offered:**

- Transfer Preparation
- Environmental Science Associate Degree
- Environmental Science Certificate of Achievement (39 units)

**TRANSFER PREPARATION**

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### ENVIRONMENTAL SCIENCE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate through oral and written work knowledge of the physical, biological, and social sciences required to effectively address current environmental issues, and be prepared to pursue further study in an Environmental Science program (or related field of study) at the baccalaureate level. In addition students will be proficient in the research, analytical, and communication skills necessary to present a critical analysis of the interplay between natural and social systems, the attitudes and behaviors that impact and affect the environment, and proposed solutions to the myriad environmental challenges facing the world today.

*Introductory Courses: select 1 of the following courses, (3 units)*

BIOL 9, Environmental Biology (3)

**or**

ENVRN 7, Introduction to Environmental Studies (3)

*(same as GEOG 7)*

*Required Life Science Courses: (9 units)*

BIOL 22, Genetics and Molecular Biology (4)

BIOL 23, Organismal and Environmental Biology (5)

Required Chemistry Courses: (10 units)

CHEM 11, General Chemistry I (5)

CHEM 12, General Chemistry II (5)

*Required Geology and/or Physics Courses: select 1 of the following courses, (4 units)*

GEOL 4, Physical Geology with Laboratory (4)

PHYSCS 6, General Physics I with Lab (4)

PHYSCS 7, General Physics 2 with Lab (4)

PHYSCS 8, Calculus-based General Physics I with Lab (4)

PHYSCS 9, Calculus-based General Physics 2 with Lab (4)

PHYSCS 21, Mechanics with Lab (5)

PHYSCS 22, Electricity and Magnetism with Lab (5)

Required Mathematics Courses; (10 units)

MATH 7, Calculus 1 (5)

MATH 8, Calculus 2 (5)

*Required Economics Courses: select 1 of the following courses, (3 units)*

ECON 1, Principles of Microeconomics (3)

ECON 2, Principles of Macroeconomics (3)

## Environmental Studies

Environmental Studies is an interdisciplinary and multidisciplinary course of study that presents a broad overview of ecological issues from a variety of perspectives. The coursework examines the interplay between natural and social systems, and the ideological foundations of humankind's attitudes and behaviors with respect to their ever-changing environments. This program is designed to prepare students to research, analyze, and propose solutions to the myriad environmental challenges facing the world today.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Environmental Studies Associate Degree
- Environmental Studies Certificate of Achievement (24 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### ENVIRONMENTAL STUDIES, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate through oral and written work a familiarity with both governmental and non-governmental efforts focused on environmental issues and be prepared to pursue further study in an Environmental Studies program (or related field of study) at the baccalaureate level. In addition, students will be proficient in the research, analytical, and communication skills necessary to present a critical analysis of the interplay between natural and social systems, the attitudes and behaviors that impact and affect the environment, and proposed solutions to the myriad environmental challenges facing the world today.

**Required Core Courses:** (6 units)

- BIOL 9, Environmental Biology (3)
- ENVRN 7, Introduction to Environmental Studies (3) (same as GEOG 7)
- Select 1 course from the following: (3 units)
- ENVRN 14, US Environmental History (3) (same as HIST 14)
- ENVRN 20, Environmental Ethics (3) (same as PHILOS 20)
- ENVRN 22, Environmental Politics and Policies (3) (same as POL SC 22)
- ENVRN 32, Global Environmental History (3) (same as HIST 32)
- ENVRN 40, Environmental Psychology (3) (same as PSYCH 40)

**Field Studies/Applied:** Select at least 3 units from the following:

- BIOL 45A-Z, Field Studies in Natural History (0.5-3)
- BIOL 46A-Z, Field Studies in Natural History (0.5-3)
- BOTANY 3, Field Botany (4)
- ENVRN 88A, Independent Studies in Environmental Studies (1)

- ENVRN 88B, Independent Studies in Environmental Studies (2)
- ENVRN 88C, Independent Studies in Environmental Studies (3)
- GEOG 20, Introduction to Geographic Information Systems (3)
- GEOG 35F, Field Study: California (1)
- GEOG 35S, Geography Field Studies (1)
- GEOL 35, Field Studies: California (1-3)
- ZOOL 20, Vertebrate Field Studies (3)

*Ecology/Physical Science/Natural Science; Select at least 3 units from the following:*

- BIOL 3, Fundamentals of Biology (4)
- BIOL 15, Marine Biology with Laboratory (4)
- BIOL 15N, Marine Biology (No-Laboratory) (3)
- BIOL 21, Cell Biology and Evolution (4)
- BOTANY 1, General Botany (4)
- CHEM 9, Everyday Chemistry (5)
- CHEM 10, Introductory General Chemistry (5)
- PHYSICS 6, General Physics I with Lab (4)
- PHYSICS 8, Calculus-based General Physics I with Lab (4)
- PHYSICS 14, Introductory Physics with Laboratory (4)
- ZOOL 5, Introductory Zoology (4)

*Earth Science: Select at least 3 units from the following:*

- GEOG 1, Introduction to Natural Environmental (3)
- GEOG 3, Weather and Climate (3)
- GEOG 5, Historical Geology with Lab (4)
- GEOL 1, Physical Geology without Laboratory (3)
- GEOL 3, Introduction to Environmental Geology (3)
- GEOL 4, Physical Geology with Laboratory (4)
- GEOL 31, Introduction to Physical Oceanography (3)
- Social Science: (6 units required, as specified)

*GROUP A: Select 1 course from the following:*

- ECON 1, Principles of Microeconomics (3)
- ECON 2, Principles of Macroeconomics (3)
- POL SC 1, National and California Government (3)

*GROUP B: Select 1 course from the following:*

- ANTHRO 2, Cultural Anthropology (3)
- ENVRN 14, US Environmental History (3) (same as HIST 14)
- ENVRN 20, Environmental Ethics (3) (same as PHILOS 20)
- ENVRN 22, Environmental Politics and Policies (3) (same as POL SC 22)
- ENVRN 32, Global Environmental History (3) (same as HIST 32)
- ENVRN 40, Environmental Psychology (3) (same as PSYCH 40)
- GEOG 2, Introduction to Human Geography (3)
- GEOG 8, Introduction to Urban Studies (3) (same as URBAN 8)
- GEOG 11, World Geography (3) (same as GLOBAL 11)
- GEOG 14, Geography of California (3)
- PSYCH 1, General Psychology (3)
- SOCIOL 1, Introduction to Sociology (3)
- SOCIOL 1s, Introduction to Sociology – Service Learning (3)
- SOCIOL 2, Social Problems (3)
- SOCIOL 2s, Social Problems – Service Learning (3)



## Ethnic Studies

Programs in Ethnic Studies are designed to help students study different cultures and societies of the world. These programs include the study of the history, politics, religion, languages, and culture of different areas. The aim of Ethnic Studies programs is to broaden the awareness and understanding of one or more ethnic groups and their contribution to American culture. Ethnic Studies programs are usually interdisciplinary: The historical, cultural, social, political, economic, psychological, and literary patterns and contributions of ethnic groups are studied.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Ethnic Studies Associate Degree
- Ethnic Studies Certificate of Achievement (21 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### ETHNIC STUDIES, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate through oral and written work a familiarity with the social experiences and the contributions of various racial and ethnic groups to US society, and be prepared to pursue further study in an Ethnic Studies program (or related field of study) at the baccalaureate level. In addition, students will be proficient in the research, analytical, and communication skills necessary to present critical analysis regarding racial and ethnic group relations in the US.

*Required Core Courses: Select 9 units from the following:*

- ENGL 10, Ethnic Literature of the US (3)
- HIST 10, Ethnicity and American Culture (3)
- POL SC 21, Race, Ethnicity, and the Politics of Difference (3)
- SOCIOL 34, Racial and Ethnic Relations in American Society (3)

**Please note:** For the Ethnic Studies area of emphasis, it is HIGHLY RECOMMENDED (though not required) that students complete two years of one foreign language in high school or at least the first semester at Santa Monica College of a foreign language selected from the follow-

ing courses: ARABIC 1, CHNESE 1; HEBREW 1; JAPAN 1; KOREAN 1; PERSIN 1; PORTGS 1; SPAN 1 or 11.

*Arts: Select 1 of the following courses: (3 units)*

- AHIS 72, American Art History (3)
- DANCE 2, Dance in American Culture (3)
- MUSIC 33, Jazz in American Culture (3)
- MUSIC 37, Music in American Culture (3)

*Inter-Ethnic Studies: Select 1 of the following courses: (3 units)*

- ANTHRO 2, Cultural Anthropology (3)
- COM ST 14, Oral Interpretation: Performing Literature Across Cultures (3) (formerly Speech 4)
- COM ST 37, Intercultural Communication (3) (formerly Speech 7)
- FILM 7, American Cinema: Crossing Cultures (3)
- GEOG 2, Introduction to Human Geography (3)
- GEOG 14, Geography of California (3)
- MEDIA 10, Media, Gender, and Race (3) (formerly Communication 10)
- NUTR 7, Food and Culture in America (3)
- PSYCH 18, Childhood: Culture and Personality (3) (same as ECE 18)

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SOCIOL 1, Introduction to Sociology (3)

*or*

SOCIOL 1S, Introduction to Sociology–Service Learning (3)

*Intra-Ethnic Studies: Select 3 units from 2 different areas: (6 units)*

*Art:*

AHIS 71, African American Art History (3)

*English:*

- ENGL 34, African-American Literature (3)
- ENGL 41, Asian American Literature (3)
- ENGL 53, Latino Literature in the United States (3)
- ENGL 54, Native American Literature (3)

*History:*

- HIST 16, African American History (3)
- HIST 41, Native American History (3)
- HIST 42, The Latina(o) Experience in the United States (3)
- HIST 43, Mexican-American History (3)
- HIST 62, Asian American History (3)

*Sociology:*

- SOCIOL 30, African Americans in Contemporary Society (3)
- SOCIOL 31, Latinas/os in Contemporary Society (3)
- SOCIOL 32, Asian Americans in Contemporary Society (3)

## Fashion Design and Merchandising

Fashion design students develop skills in design communication, including preliminary sketching, technical flat sketching, illustration, and usage of Adobe Photoshop, Illustrator and CAD software. Skills in draping, pattern drafting from draping and body measurements, and basic sewing skills to advanced construction are developed in order to create sample garments for production and sales.

Fashion merchandisers select, purchase, promote, and sell clothing and accessories. They study fashion trends and visit manufacturers and merchandise markets. They work as part of a team and consult with managers and buyers, advise the advertising and display departments, and organize and coordinate promotional activities such as fashion shows. They may advance to become buyers and purchasing agents, sales representatives, and managers. Clothes designers create new apparel and accessory designs. They may sketch the garment, cut the pattern, select the fabric and materials, and in some cases construct the sample garment. They may arrange for the showing of a line at sales meetings or fashion shows.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Fashion Design Associate Degree
- Fashion Merchandising Associate Degree
- Fashion Design Certificate of Achievement (40 units)
- Fashion Merchandising Certificate of Achievement (40 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### FASHION DESIGN, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

See recommended course sequence below.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to channel their creativity into marketable fashion and lifestyle product lines, understanding the various design challenges, fit, textile fabrications, cost, sizing, design editing, and aesthetics for various target markets; understand production in wholesale and retail in order to meet consumer needs while creating forward trend directions. Program electives bridge communication with fashion merchandising concepts, ensuring creativity and marketability. Students develop an awareness of art, visual communication, global culture, computer technology, and business in the design process. Additionally, students will have skills pertinent to successfully enter third-year college fashion design programs, translate their internship experiences into positions at small to large-scale design firms, or create their own design line.

#### FIRST LEVEL COURSES: (9 units)

FASHN 1, Fashion Trends and Design (3)

FASHN 2, Color Analysis (3)

FASHN 3, Apparel Construction (3)

#### SECOND LEVEL COURSES: (11 units)

FASHN 5, Fashion Buying (3)

FASHN 6A, Pattern Analysis and Design (2)

FASHN 7, Fabrics for Fashion Design and Merchandising (3)

FASHN 8, History of Fashion Design (3)

#### THIRD LEVEL COURSES: (9 units)

FASHN 9A, Fashion Illustration and Advertising (3)

FASHN 10, Advanced Design and Construction (3)

FASHN 13, Draping I (3)

#### FOURTH LEVEL COURSES: (5 units)

FASHN 12, Fashion Show Production (3)

FASHN 18, Computer Assisted Fashion Illustrator and Design (2)

**ELECTIVE COURSES:** Select a minimum of 6 units from the list of courses below.

ACCTG 1, Introduction to Financial Accounting (5)

ART 10A, Design I (3)

ART 20B, Drawing II (3)

BUS 21, Merchandising Principles (3)

BUS 63, Principles of Entrepreneurship (3)

FASHN 6B, Pattern Drafting and Design Intermediate (3)

FASHN 9B, Advanced Fashion Illustration (2)

FASHN 11, Advanced Clothing – Tailoring (2)

FASHN 14, Draping II (3)

FASHN 15, Ethnic Fashion (3)

FASHN 16, Pattern Grading (2)

FASHN 17, Apparel Production Manufacturing Techniques (3)

FASHN 19, Fashion Marketing (3)

FASHN 20, Window Display for Fashion (3)

FASHN 88A, Independent Studies in Fashion (1)

FASHN 88B, Independent Studies in Fashion (2)

FASHN 88C, Independent Studies in Fashion (3)

FASHN 90A, Internship (1)

FASHN 90B, Internship (2)

FASHN 90C, Internship (3)

#### SUGGESTED COURSE SEQUENCE:

##### First Year Fall:

FASHN 1, Fashion Trends and Design (3)

FASHN 2, Color Analysis (3)

FASHN 3, Apparel Construction (3)

Non-fashion elective (3)

##### First Year Spring:

FASHN 5, Fashion Buying (3)

FASHN 6A, Pattern Analysis and Design (2)

FASHN 7, Fabrics for Fashion Design and Merchandising (3)

FASHN 8, History of Fashion Design (3)

##### Second Year Fall:

FASHN 9A, Fashion Illustration and Advertising (3)

FASHN 10, Advanced Design and Construction (3)

FASHN 13, Draping I (3)

##### Second Year Spring:

FASHN 12, Fashion Show Production (3)

FASHN 18, Computer Assisted Fashion Illustrator and Design (2)

Fashion elective (3)

## FASHION MERCHANDISING, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

See recommended course sequence below.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to analyze and assess the marketable trends in fashion and lifestyle product lines for all target markets; understand the logistics from fashion production to wholesale, retail, and resale; develop pre- and post-promotional activities necessary to launch brands/private labels in order to maintain success in the local and global marketplace; utilize critical thinking in solving design, sales, or promotional issues; have the ability to utilize software applicable to promotional needs, and understand the working relationship between designers and marketers. Additionally, students will have skills pertinent to successfully entering third-year college fashion programs, advancing in management positions, or entering major retail executive buying/ management training programs.

### FIRST LEVEL COURSES: (6 units)

FASHN 1, Fashion Trends and Design (3)  
FASHN 2, Color Analysis (3)

### SECOND LEVEL COURSES: (12 units)

FASHN 3, Apparel Construction (3)  
FASHN 5, Fashion Buying (3)  
FASHN 7, Fabrics for Fashion Design and Merchandising (3)  
FASHN 8, History of Fashion Design (3)

### THIRD LEVEL COURSES: (8 units)

BUS 21, Merchandising Principles (3)  
FASHN 18, Computer Assisted Fashion Illustrator and Design (2)  
FASHN 20, Window Display for Fashion (3)

### FOURTH LEVEL COURSES: (6 units)

BUS 23, Principles of Selling (3)  
FASHN 12, Fashion Show Production (3)

### ELECTIVE COURSES: Select a minimum of 8 units from the list of courses below:

ACCTG 1, Introduction to Financial Accounting (3)  
ART 10A, Design I (3)  
ART 20B, Drawing II (3)  
BUS 25, Advertising Display (3)  
BUS 63, Principles of Entrepreneurship (3)  
FASHN 6A, Pattern Analysis and Design (2)  
FASHN 6B, Pattern Drafting and Design Intermediate (3)  
FASHN 9A, Fashion Illustration and Merchandising Advertising (3)  
FASHN 9B, Advanced Fashion Illustration (2)  
FASHN 10, Advanced Design and Construction (3)  
FASHN 11, Advanced Clothing – Tailoring (2)  
FASHN 13, Draping I (3)  
FASHN 14, Draping II (3) (*prerequisite: FASHN 13*)  
FASHN 15, Ethnic Fashion (3)  
FASHN 16, Pattern Grading (2)  
FASHN 17, Apparel Production Manufacturing Techniques (3)  
FASHN 19, Fashion Marketing (3)  
FASHN 88A, Independent Studies in Fashion (1)  
FASHN 88B, Independent Studies in Fashion (2)  
FASHN 88C, Independent Studies in Fashion (3)  
FASHN 90A, Internship (1)

FASHN 90B, Internship (2)  
FASHN 90C, Internship (3)

### SUGGESTED COURSE SEQUENCE:

#### First Year Fall:

FASHN 1, Fashion Trends and Design (3)  
FASHN 2, Color Analysis (3)  
Non-fashion elective (3)

#### First Year Spring:

FASHN 3, Apparel Construction (3)  
FASHN 5, Fashion Buying (3)  
FASHN 7, Fabrics for Fashion Design and Merchandising (3)  
FASHN 8, History of Fashion Design (3)

#### Second Year Fall:

BUS 21, Merchandising Principles (3)  
FASHN 18, Computer Assisted Fashion Illustrator and Design (2)  
Fashion elective (3)  
FASHN 20

#### Second Year Spring:

BUS 23, Principles of Selling (3)  
FASHN 12, Fashion Show Production (3)  
Fashion elective (3)

## Film Production

The program in Film Production prepares students through hands-on instruction for work in filmmaking/digital video production, which encompasses creative and logistical production, directing, editing, cinematography, and audio, as well as techniques for making specific types of films and/or videos, and the planning and management of film/video operations. All of the production classes infuse theory into and through the course products.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Film Production Associate Degree
- Film Production Certificate of Achievement (30 units)

## FILM PRODUCTION, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will produce film projects of high quality, congruent with films accepted into high-profile film festivals. Students will become proficient in the use of the latest technology, including High Definition (HD) and 4K formats. Students will gain significant exposure to the industry and film professionals and develop a network to support their career in film production.

### Foundation Courses: (12 units)

FILM 1, Film Appreciation Introduction to Cinema (3)  
*or*  
FILM 2, History of Motion Pictures (3)  
-----  
FILM 20, Beginning Scriptwriting (3)  
FILM 30, Production Planning for Film and Video (3)  
FILM 31, Introduction to Digital Filmmaking (3)

*Directing Courses: (6 units)*

*OPTION 1: Students who completed courses listed below prior to Fall 2014: (6 units)*

FILM 32, Advanced Digital Filmmaking (3) (*if completed prior to Fall 2014*)

FILM 33, Directing the Short Film (3) (*if completed prior to Fall 2014*)

*or*

*OPTION 2: Students who completed courses listed below Fall 2014 or later: (9 units)*

FILM 32, Advanced Digital Filmmaking (3)

FILM 32L, Advanced Digital Filmmaking Lab (1)

FILM 33, Directing the Short Film (3)

FILM 33L, Directing the Short Film Lab (2)

*Specialized Courses: (6 units)*

FILM 40, Cinematography (3)

FILM 50, Production Sound (3)

ET 31A, Digital Video Fundamentals (3)

*Elective Courses: (minimum 6 units)*

AHIS 11, Art Appreciation Introduction to Global Visual Culture (3)

ET 31B, Digital Video Editing (3)

ET 40, Digital Audio Fundamentals (3)

ET 60, Post Production Project (3)

FILM 7, American Cinema Crossing Cultures (3)

FILM 21, Advanced Scriptwriting (3)

## Film Studies

The objectives of this program are to prepare students for upper division study at a four-year college and/or to earn an Associate degree.

### Programs Offered:

- Transfer Preparation
- Film Studies Associate Degree

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The University of California system has a transfer pathway for any UC campus that offers Film and Media Studies. For more information, visit [pathwaysguide.universityof-california.edu](http://pathwaysguide.universityof-california.edu)

### FILM STUDIES, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will be able to demonstrate critical thinking and aesthetic judgment skills, both verbally and

in writing, in the analysis of film as an art form and entertainment medium, utilizing and applying the specialized vocabulary of film studies as it has developed in the academic context and in the film industry. Students will also be able to identify and discuss the major historical developments, both artistic and technological, that have influenced the cinema throughout the 20th century, as well as the social, economic, and cultural factors that have shaped films from different gender and ethnic perspectives, and from domestic and international contexts.

*Required Courses: (9 units)*

FILM 1, Film Appreciation: Introduction to Film (3)

FILM 2, History of the Motion Pictures (3)

FILM 5, Film and Society (3)

*Select additional courses to total 21 units from the following:*

ET 61, History of Animation (3) (*same as GR DES 74*)

FILM 6, Women in Film (3)

FILM 7, American Cinema: Crossing Cultures (3)

FILM 8, The Popular Film Genres (3)

FILM 9, The Great Film-Makers (3)

FILM 10, Film Criticism and Interpretation (3)

FILM 11, Literature to Film (3)

FILM 20, Introduction to Scriptwriting (3)

FILM 21, Advanced Scriptwriting (3)

FILM 30, Production Planning for Film and Video (3)

FILM 31, Introduction to Digital Film Making (3)

FILM 32, Advanced Digital Filmmaking (4)

FILM 33, Directing the Short Film (3)

FILM 40, Cinematography (3)

## French

See *Modern Languages*

## General Education

Students planning to transfer to a four-year college or university should complete the general education pattern for the specific transfer institution.

### Programs Offered:

- Transfer Preparation
- CSU GE Certificate of Achievement (minimum of 39 units)
- IGETC Certificate of Achievement (minimum of 37 units)

### TRANSFER PREPARATION

See "Transfer" section of the catalog

### CSU GE, CERTIFICATE OF ACHIEVEMENT

See page 43 for CSU GE Requirements

To earn a CSU GE Certificate of Achievement, at least 50% of the units must be completed at any, or any combination of, California Community College(s). A minimum grade of C (2.0 on a 4.0 scale) is required for all other areas of the CSU GE pattern. The minimum overall GPA on the CSU GE pattern must be a C (2.0 on a 4.0 scale), and complete certification is required to receive a CSU GE Certificate of Achievement.



Students must meet all certification eligibility requirements to qualify for the Certificate of Achievement.

### IGETC, CERTIFICATE OF ACHIEVEMENT

See page 38 for IGETC Requirements

To earn the IGETC Certificate of Achievement, at least 50% of the units must be completed at any, or any combination of, California Community College(s). A minimum grade of C (2.0 on a 4.0 scale) is required for each course applied to the IGETC Certificate of Achievement, and complete certification is required to receive an IGETC Certificate of Achievement.

Students must meet all certification eligibility requirements to qualify for the Certificate of Achievement.

## General Science

See *Science*

## Geographic Information Systems (GIS)

See *Geography*

## Geography

Geographers study the distribution of people in relation to land and other natural resources. They examine the distribution of land forms, study climate, soils, or vegetation, analyze resources such as water and minerals, or they may study political organizations, transportation systems, marketing systems, patterns of industrial development, housing, or public health. Additional careers include cartographer, demographer, geographic information specialist, hazardous waste planner, hydrologist, urban planner and environmental impact analyst.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Geography Associate Degree for Transfer

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

SMC offers the **Geography Associate Degree for Transfer**. Students completing this degree are eligible for prior-

ity transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Geography AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adt-search/search.shtml](http://calstate.edu/transfer/adt-search/search.shtml)

- Chico: Geography – Human Geography and Planning, BA
- Chico: Geography – Physical and Environmental Geography, BA
- Dominguez Hills: Geography – Earth and Environment, BA
- East Bay: Geography – General, BA
- East Bay: Geography – General, BS
- Fresno: Geography, BA
- Fullerton: Geography – General, BA
- Humboldt: Geography – General, BA
- Long Beach: Geography – General, BA
- Los Angeles: Geography – Environmental Geography, BA
- Los Angeles: Geography – Geographic Information Systems, BA
- Los Angeles: Geography – Urban Analysis, BA
- Monterey Bay: Social and Behavioral Sciences – Geographic Information Systems, BA
- Northridge: Geography – General, BA
- Northridge: Geography – Geographic Information Science, BA
- Pomona: Geography – Environmental Geography, BS
- Pomona: Geography – Geographic Information Systems, BS
- Pomona: Geography, BS
- Sacramento: Geography – Geographic Information Systems and Analysis, BA
- Sacramento: Geography – Human Geography, BA
- Sacramento: Geography – Metropolitan Area Planning, BA
- Sacramento: Geography – Physical Geography, BA
- San Bernardino: Geography – General, BA
- San Bernardino: Geography – Global Studies Option, BA
- San Diego: Geography – Foundations of Geography, BA
- San Francisco: Geography – General, BA
- San Jose: Geography, BA
- San Jose: Humanities – Liberal Arts, BA
- San Luis Obispo: Anthropology-Geography – Individualized Course of Study, BS
- Sonoma: Geography – Biophysical Environment, BA
- Sonoma: Geography – Environment and Society, BA
- Sonoma: Geography – Geospatial Techniques, BA
- Sonoma: Geography – Globalization and Identity, BA
- Stanislaus: Geography – California Studies, BA
- Stanislaus: Geography – Cultural/Social Geography, BA
- Stanislaus: Geography – Geospatial Technology, BA

- Stanislaus: Geography – Global Studies and Development, BA
- Stanislaus: Geography – Physical Geography and Environmental Studies, BA

## GEOGRAPHY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Geography for Transfer (AA-T) involves the understanding of the environment around us and interpretation of the patterns found across the Earth's surface. The course of study allows flexibility in course selection while providing a solid background in human, physical, and regional aspects of the discipline. The degree includes GIS, focusing on the use of geocomputation and digital technology to assess spatial and environmental problems and provide solutions. Throughout the degree, students will acquire and develop knowledge and skills that will equip them to be informed, engaged, and productive global citizens, capable of leading humanity toward a more sustainable and adaptable future.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate cartographic literacy, including map interpretation and, using spatial analysis skills, analyze, recognize, and evaluate spatial distributions on all scales from local to global, to become better global citizens. Students will also demonstrate the ability to identify spatial patterns and relationships between systems and cycles that affect life and shape landscapes.

*Required Core Courses: (6 units)*

GEOG 1, Introduction to the Natural Environment (3)

*or*

GEOG 5, Historical Geology with Lab (4)

-----

GEOG 2, Introduction to Human Geography (3)

*Group A: Select 2 courses from the following: (6 units)*

GEOG 3, Weather and Climate (3)

GEOG 11, World Geography: Introduction to Global Studies (3) (*same as GLOBAL 11*)

GEOG 14, Geography of California (3)

GEOG 20, Introduction to Geographic Information Systems (3) (*same as GIS 20*)

*Group B: Select 2 courses from Group B or any course from Group A not already used above: (6 units)*

ANTHRO 1, Physical Anthropology (3)

*or*

ANTHRO 5, Physical Anthropology with Lab (4)

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ANTHRO 2, Cultural Anthropology (3)

ANTHRO 3, World Archaeology (3)

BIOL 3, Fundamentals of Biology (4)

-----

BOTANY 1, General Botany (4)

*or*

BOTANY 3, Field Botany (4)

-----

CHEM 11, General Chemistry I (5)

CS 20B, Data Structures with Java (3)

CS 55, Java Programming (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

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*or*

HIST 47, The Practice of History (3)

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GEOG 7, Introduction to Environmental Studies (3)  
(*same as ENVRN 7*)

GEOG 8, Introduction to Urban Studies (3) (*same as URBAN 8*)

GEOG 10, Living in a Hazardous Environment (3)

GEOG 19, Geographic Information Systems for Business (3) (*same as GIS 19*)

GEOG 23, Intermediate Geographic Information Systems (3) (*same as GIS 23*)

GEOG 24, Geospatial Imagery: Maps for the 21st Century (3)

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GEOG 1, Physical Geology without Lab (3)

*or*

GEOG 4, Physical Geology with Lab (4)

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MATH 2, Precalculus (5)

MATH 7, Calculus 1 (5)

MATH 8, Calculus 2 (5)

MATH 54, Elementary Statistics (4)

PHYSICS 8, Calculus-based General Physics 1 with Lab (4)

## Geology

Geologists study the origin, history, composition, and structure of the earth, both for scientific knowledge and for practical purposes such as locating oil, minerals, and other raw materials; and for compiling architectural safety reports, maps, and diagrams. They use knowledge of chemistry, physics, math, and biology, to analyze the data and specimens. Some possible career choices are found in the environmental consulting industry, pollution remediation, public policy and environmental law. Career titles include meteorologist, oceanographer, seismologist, soil scientist, structural geologist and teacher.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Related Program: Science: General Science

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

## German

See *Modern Languages*

## Global Studies

Global Studies is a multi- and interdisciplinary program designed to increase knowledge and understanding of the processes of globalization and their impacts on societies, cultures, and environments around the world. The Global Studies program provides the student with a knowledge of critical issues that affect their lives and community, as well as the affairs of other cultures, societies, and nations. An understanding of the world's social, political, economic, and natural systems and their increasing interdependence, along with an appreciation of the diversity of human culture, will supply the student with a strong background for working in a global economy, for living in a multicultural society, and for making intelligent decisions as global citizens.

The goal of the program is to prepare students for further work in international studies and work affairs through the study of other cultures, world history, political and economic systems, world geography and environment, cross-cultural communication and conflict resolution, and modern languages. The Global Studies program is designed to encourage students to become "global thinkers." They learn how to relate their knowledge of a particular part of the world to the larger trends and issues that affect all societies: the transnational interactions of peoples, cultures, economies, and politics; the globalizing processes of the communication media; technological and environmental changes; law and human rights; the sometimes violent political, ethnic and religious responses to what is perceived as cultural and economic homogenization on a global scale; and the search for a just, sustainable and peaceful world.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Global Studies Associate Degree
- Global Studies Certificate of Achievement (21 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

## GLOBAL STUDIES, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcome:** Upon completion of the program, students will possess an increased understanding of the world's social, political, economic and natural systems and their increasing interdependence, as well as an appreciation of the diversity of human culture, which in turn will enable them to better work in the global economy, live in a multicultural society, and make intelligent decision as global citizens. Through the subject matter and activities presented in each course in the Global Studies program, students will be able to:

1. Analyze major global challenges from a multi- and interdisciplinary perspective;
2. Identify varying worldviews on the same issues, events, and occurrences;
3. Differentiate multiple perspectives on globalization and their effects on decision-making and behavior (and the individual, community, and national levels);
4. Explain how/why the environmental well-being of the world demands personal and collective responsibility at both the local and global levels;
5. Describe core civic/citizenship values which generate socially responsible behavior at both local and global levels;
6. Explain the interconnectedness of global decisions and events; and
7. Analyze the interdependence among people, groups, societies, governments, and nations in finding solutions to current global problems and conflicts.

### Required Core Courses: (9 units)

- GLOBAL 5, International Political Economy:  
Introduction to Global Studies (3) (*same as ECON 5 and POL SC 5*)
- GLOBAL 10, Global Issues (3)
- GLOBAL 11, World Geography: Introduction to Global Studies (3) (*same as GEOG 11*)

### Culture and Society: (3 units)

- ANTHRO 2, Cultural Anthropology (3)
- ANTHRO 3, World Archaeology (3)
- ANTHRO 7, Introduction to Linguistics Anthropology (3)
- ANTHRO 14, Sex, Gender and Culture (3)
- ANTHRO 19, The Culture of Food (3)
- ANTHRO 21, Peoples and Power in Latin America
- ASTRON 6, Archaeoastronomy (3)
- COM ST 37, Intercultural Communication (3)  
(*formerly Speech 7*)
- ENVRN 7, Introduction to Environmental Studies (3)  
(*same as GEOG 7*)
- ENVRN 20, Environmental Ethnics (3) (*same as PHILOS 20*)
- ENVRN 22, Environmental Politics and Policies (3)  
(*same as POL SC 22*)
- ENVRN 40, Environmental Psychology (3) (*same as PSYCH 40*)
- FASHN 15, Ethnic Fashion (3)
- GEOG 2, Introduction to Human Geography (3)
- GEOG 7, Introduction to Environmental Studies (3)  
(*same as ENVRN 7*)
- GEOG 8, Introduction to Urban Studies (3) (*same as URBAN 8*)
- GLOBAL 3, Global Media (3) (*same as MEDIA 3*)

LING 1, Introduction to Linguistics (3)  
 MEDIA 3, Global Media (3) (*same as GLOBAL 3*)  
 PHILOS 20, Environmental Ethics (3) (*same as ENVRN 40*)  
 POL SC 22, Environmental Politics and Policies (3) (*same as ENVRN 22*)  
 PSYCH 40, Environmental Psychology (3) (*same as ENVRN 40*)  
 SOCIO 1, Introduction to Sociology (3)  
 SOCIO 1s, Introduction to Sociology – Service Learning (3)  
 WOM ST 20, Women, Feminisms, and Social Movements: A Global Approach (3)

*Governance and Conflict: (3 units)*

PHILOS 48, Nonviolent Resistance (3) (*formerly same as HIST 48*)  
 PHILOS 51, Political Philosophy (3) (*same as POL SC 51*)  
 PHILOS 52, Modern Political Thought (3) (*same as POL SC 52*)  
 POL SC 2, Comparative Government and Politics (3)  
 POL SC 3, Introduction to Politics: Justice, Power, and Agency (3)  
 POL SC 7, International Politics (3)  
 POL SC 11, World Affairs and the United Nations (3)  
 POL SC 47, International Politics Seminar (3)  
 POL SC 51, Political Philosophy (3) (*same as PHILOS 51*)  
 POL SC 52, Modern Political Thought (3) (*same as PHILOS 52*)

*Markets and Economies: (3 units)*

BUS 50, Introduction to International Business (3)  
 BUS 52, International Marketing (3)  
 BUS 53, Importing and Exporting (3)  
 BUS 54, International Management (3)  
 BUS 55, Southern California's International Connections (3)  
 ECON 1, Principles of Microeconomics (3)  
 ECON 2, Principles of Macroeconomics (3)

*World History/Area Studies: Select at least 3 units from the following:*

AHIS 3, Western Art History III (3)  
 AHIS 5, Latin American Art History 1 (3)  
 AHIS 6, Latin American Art History 2 (3)  
 AHIS 11, Art Appreciation: Introduction to Global Visual Culture (3)  
 AHIS 15, Mexican Art History (3)  
 AHIS 17, Arts of Asia – Prehistory to 1900 (3)  
 AHIS 18, Introduction to African Art History (3)  
 AHIS 22, Architectural History and Theory – 1850 to Present (3)  
 DANCE 5, Dance History (3)  
 DANCE 20, World Dance Survey (2)  
 DANCE 21, Asian Pacific Dance Survey (2)  
 DANCE 23, Intermediate Mexican Dance (2)  
 DANCE 24, Flamenco Dance (2)  
 DANCE 25, African Dance (2)  
 DANCE 27, Brazilian Dance (2)  
 DANCE 29, Middle Eastern/North African Dance (2)  
 ENGL 32, History and Literature of Contemporary Africa (3) (*formerly same as HIST 30*)  
 ENGL 40, Asian Literature (3)  
 ENGL 45, Asian Film, Literature, and Society (3)

ENGL 49, Asian Mythology (3)  
 ENGL 56, 20th Century European Literature (3)  
 ENGL 58, Literature of Mexico (3)  
 ENVRN 32, Global Environmental History (3) (*same as HIST 32*)  
 HIST 2, History of Western Civilization II (3)  
 HIST 4, History of British Civilization II (3)  
 HIST 6, History of Latin America 2 (3)  
 HIST 19, History of Mexico (3)  
 HIST 21, History of Russia (3)  
 HIST 22, History of the Middle East (3)  
 HIST 25, History of East Asia Since 1600 (3)  
 HIST 27, History of Southeast Asia (3)  
 HIST 28, Modern Europe: 1914 to Present (3)  
 HIST 29, Jewish History (3)  
 HIST 34, World Civilizations II (3)  
 HIST 39, African History II (3)  
 HIST 41, Native American History (3)  
 HIST 53, History of Religion (3)  
 HUM 28S, Contemporary Life in China (2)  
 JAPAN 9, Japan: Culture and Civilization (3)  
 MUSIC 31, Music History II (3)  
 PHILOS 4, Modern Philosophers (3)  
 PHILOS 22, Asian Philosophy (3)  
 PHILOS 23, Philosophy of Religion (3)  
 POL SC 14, Middle East Government and Politics (3)  
 SPAN 20, Latin American Civilization (3)

*Foreign Language Requirement (same as IGETC Area 6)*

The Foreign Language requirement can be met in several different ways. For detailed information, see the IGETC information on page 41.

## Graphic Design

Graphic designers produce ideas and experiences with visual and textural content. The form of the communication can be physical or screen-based, and many include images, words, or graphic forms. The work can be logotypes, stationery, brochures, advertising, packaging, motion graphics, websites, and many other types of projects.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Graphic Design Associate Degree
- Graphic Design Certificate of Achievement (40 units)
- User Experience Design Department Certificate (17 units)
- Web Design Department Certificate (17 units)
- Related Program: Interaction Design Bachelor Degree

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.



Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

## GRAPHIC DESIGN, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will be able to solve a variety of communication problems utilizing imagery and typography, and will possess basic graphic design skills, a working knowledge of current technology, and have the ability to work successfully as an entry-level graphic designer.

*Required Courses: (28 units)*

- GR DES 31, Graphic Design Studio 1 (2)
- GR DES 33, Typography Design 1 (2)
- GR DES 35, Sketching for Graphic Design (2)
- GR DES 41, Graphic Design Studio 2 (2)
- GR DES 43, Typography Design 2 (2)
- GR DES 50, Graphic Design Portfolio and Professional Practices (2)
- GR DES 60, Design Research (2)
- GR DES 61, User Experience Design (3)
- GR DES 64, Digital Imaging for Design I (3)
- GR DES 65, Web Design 1 (2)
- GR DES 66, Web Design 2 (3) (*formerly ET 16*)
- GR DES 71, Motion Graphics 1 (3)

*Required Concentration: Select 1 of the following 2 areas of concentration:*

*Print and Illustration Concentration: (12 units)*

- GR DES 34, Publication and Page Design I (3)
- GR DES 38, Digital Illustration I (4)
- GR DES 44, Publication and Design 2 (3)
- GR DES 51, Graphic Design Studio 3 (2)

*User Experience Concentration: (12 units)*

- GR DES 62, User Experience Design 2 (3)
- GR DES 67, Web Design 3 (3)
- GR DES 75, Mobile Design 1 (3)
- GR DES 76, Mobile Design 2 (3)

*Additional Recommended Courses:*

- CIS 50, Internet, HTML, and Web Design (3)
- CIS 51, HTML5, CSS3, and Accessibility (3)
- CIS 54, Web Development and Scripting I (3)
- CIS 67, WordPress (3)
- GR DES 34, Publication and Page Design I (3)
- GR DES 38, Digital Illustration I (4)
- GR DES 44, Publication and Design 2 (3)
- GR DES 51, Graphic Design Studio 3 (2)
- GR DES 54, Digital Illustration II (3)
- GR DES 62, User Experience Design 2 (3)
- GR DES 67, Web Design 3 (3)
- GR DES 71B, Motion Graphics 2 (3)
- GR DES 75, Mobile Design 1 (3)
- GR DES 76, Mobile Design 2 (3)
- GR DES 90A, Internship (1)
- GR DES 90B, Internship (2)
- GR DES 90C, Internship (3)
- PHOTO 1, Introduction to Photography (3)

## USER EXPERIENCE DESIGN, DEPARTMENT CERTIFICATE

The User Experience Design Department Certificate provides a thorough study of user experience design and interaction design. Focusing on designing for the user, research, user experience design, interface design, prototyping, and user-testing, students will learn the methodologies and tools for UX and to design and prototype for multiple platforms. A Department Certificate in User Experience Design will prepare the students for entry-level positions such as User Experience Designer, Interface Designer, Interactive Designer, Mobile App Designer and Web Designer.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to research, utilize best practices for user experience design, user-test, and apply these tests to the iterative prototyping process. Students will be able to analyze user needs and stakeholder requirements to research, design, prototype, and conduct effective user-testing. Additionally, students will have the skills to effectively communicate with a client and collaborate as a team member.

*Required Courses:*

- GR DES 61, User Experience Design (3)
- GR DES 62, User Experience Design 2 (3)
- GR DES 65, Web Design 1 (2)
- GR DES 66, Web Design 2 (3)
- GR DES 75, Mobile Design 1 (3)
- 
- GR DES 67, Web Design 3 (3)
- or**
- GR DES 76, Mobile Design 2 (3)

## WEB DESIGN, DEPARTMENT CERTIFICATE

The Web Design Department Certificate provides a thorough study of the design and production of websites at an advanced level. Focusing on design process, user experience, and visual design, students will learn how to design and develop commercial-quality websites.

A Department Certificate in Web Design will prepare the students for entry-level positions such as Web Designer, Web Developer, User Experience Designer, Interface Designer, and Interactive Designer.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to follow a design process that includes research, design, and the production of a commercial-quality website. Students will analyze user needs and client requirements to design and produce a website that communicates and works well on a range of screen sizes. Additionally, the students will have the skills to effectively communicate with a client and collaborate as a team member.

*Required Courses:*

- CIS 54, Web Development and Scripting I (3)
- GR DES 61, User Experience Design (3)
- GR DES 64, Digital Imaging for Design I (3)
- GR DES 65, Web Design 1 (2)
- GR DES 66, Web Design 2 (3) (*formerly ET 16*)
- GR DES 67, Web Design 3 (3)

## Health Education

See *Kinesiology/Physical Education*

See *Nursing*

See *Respiratory Therapy*

## Hebrew

See *Modern Languages*

## History

Historians study, assess, and interpret the past to determine what happened and why. They examine court documents, diaries, letters, and newspaper accounts; they conduct research, write, teach, evaluate and make recommendations. Schools, universities, libraries, museums, government offices, and private enterprise are some of the job settings for history majors. Some related career titles include archivist, biographer, congressional aide, Foreign Service officer, FBI/CIA agent, lobbyist, and genealogist agent.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- History Associate Degree for Transfer
- Related Program: Liberal Arts – Social and Behavioral Sciences

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers History. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

SMC offers the **History Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the History AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/ad-search/search.shtml](http://calstate.edu/transfer/ad-search/search.shtml)

- Bakersfield: History – General, BA
- Channel Islands: History – General, BA
- Chico: History – General History, BA
- Dominguez Hills: History, BA
- East Bay: History – Asian and Middle Eastern History, BA
- East Bay: History – European History, BA
- East Bay: History of California and the American West, BA
- East Bay: History – Latin American History, BA
- East Bay: History – United States History, BA
- Fresno: History, BA
- Fullerton: History – General, BA
- Humboldt: History, BA
- Humboldt: History Education, BA
- Long Beach: American Studies – American Studies – General, BA
- Long Beach: Asian American Studies – Asian American Studies – General, BA
- Long Beach: History – General, BA
- Long Beach: Modern Jewish Studies – Modern Jewish Studies – General, BA
- Los Angeles: History – General, BA
- Monterey Bay: Human Communication – History, Oral History, and New Media, BA
- Monterey Bay: Social and Behavioral Sciences – Social History, BA
- Northridge: History – General, BA
- Pomona: History – General History, BA
- Sacramento: History – General, BA
- San Bernardino: History – General, BA
- San Bernardino: History – Public and Oral History Option, BA
- San Diego: History (Imperial Valley Campus), BA
- San Diego: History (San Diego Campus), BA
- San Francisco: History – General, BA
- San Francisco: History – Honors Program, BA
- San Francisco: Modern Jewish Studies – Modern Jewish Studies – General, BA
- San Jose: History, BA
- San Jose: Humanities – Liberal Arts, BA
- San Jose: Social Sciences – Social Science, Preparation for Teaching (Single Subject), BA
- San Marcos: History – General, BA
- Sonoma: History – General, BA
- Stanislaus: Gender Studies – Culture, Ideology, and Representation, BA
- Stanislaus: Gender Studies – Ethnicity, Nationality, and Sexuality, BA
- Stanislaus: Gender Studies – History, Society, and Inequality, BA
- Stanislaus: History – General, BA

### HISTORY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in History for Transfer (AA-T) involves the critical examination of historical material, including primary sources, attending to such concepts as historical agency, context, perspective, and multi-causation. Through the course of study students gain an understanding of history as a discipline characterized by the application of

critical analysis to factual evidence. The courses address the value of historical study for understanding change and continuity over time.

Upon completion of the Associate in Arts in History for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower division requirements for transfer into history or similar majors for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate, through written and oral academic work, critical examination of historical material, including primary sources, attending to such concepts as historical agency, context, perspective, and multi-causation. Students will further demonstrate an understanding of history as a discipline characterized by the application of critical analysis to factual evidence.

**Required Core US History Courses: (6 units)**

- HIST 11, History of the United States Through Reconstruction (3)
- HIST 12, History of the United States Since Reconstruction (3)

**World History Courses; Select 1 pair of courses from the following: (6 units)**

- HIST 1, History of Western Civilization I (3)
- or*
- HIST 33, World Civilizations I (3)
- 
- HIST 2, History of Western Civilization II (3)
- or*
- HIST 34, World Civilizations II (3)

**AREA 1: Select 1 course from the following: (3 units)**

- ASL 1, 2; ANTHRO 20, 21; ARABIC 1; AHIS 15, 17, 18, 71, 72; CHNESE 1, 2, 3, 4, 9; COM ST 14 (*formerly Speech 4*), 37 (*formerly Speech 7*); DANCE 2; ECE 11, 18 (*same as PSYCH 18*); ECON 5 (*same as GLOBAL 5 and POL SC 5*); ENGL 9, 10, 32, 39, 40, 41, 45, 53, 54, 57, 58; ENVRN 32 (*same as HIST 32*); FILM 6, 7; FRENCH 1, 2, 3, 4; GEOG 11 (*same as GLOBAL 11*), 14; GERMAN 1, 2, 3, 4; GLOBAL 5 (*same as ECON 5 and POL SC 5*), 11 (*same as GEOG 11*); HEBREW 1, 2, 8; HIST 5, 6, 10, 16, 19, 21, 22, 24, 25, 26, 28, 29, 30, 32, 33 (*if not used above*), 34 (*if not used above*), 37, 38, 39, 41, 42, 43, 53, 62; ITAL 1, 2, 3; JAPAN 1, 2, 3, 4; KOREAN 1, 2, 3, 4; MEDIA 10; MUSIC 35, 37; NUTR 7; PERSIN 1, 2; PHILOS 22 (*same as REL ST 22*), 23; POL SC 5 (*same as ECON 5 and GLOBAL 5*), 7, 8, 11, 14, 21; PSYCH 18 (*same as ECE 18*); RUSS 1, 2; SOCIOL 30, 31, 32, 34; SPAN 1, 2, 3, 4, 9, 11, 12, 20; TURK 1; WOM ST 10, 20, 30

**AREA 2: Select 1 course not already completed above: (3 units)**

- ANTHRO 2, 3, 7, 19; AHIS 1, 2, 3, 21, 22, 52 (*same as PHOTO 52*); ECON 1, 2, 5 (*same as GLOBAL 5 and POL SC 5*), 15 (*same as HIST 15*); ENVRN 7 (*same as GEOG 7*), 14 (*same as HIST 14*), 32 (*same as HIST 32*); GEOG 2, 7 (*same as ENVRN 7*), 8 (*same as URBAN 8*), 11 (*same as GLOBAL 11*); GLOBAL 5 (*same as ECON 5 and POL SC 5*), 10, 11 (*same as GEOG 11*); HIST 1 (*if not used above*), 2 (*if not used above*), 3, 4, 5, 6, 10, 13, 14 (*same as ENVRN 14*), 15 (*same as ECON 15*), 16, 19, 20, 21, 22, 24, 25, 26, 29, 30, 32 (*same as ENVRN 32*)

(*if not used above*), 34 (*if not used above*), 38, 39, 41, 42, 43, 45, 46, 47, 48, 52, 53, 55, 62; MEDIA 1 (*formerly Communication 1*), 10 (*formerly Communication 10*); MUSIC 33, 36; NUTR 7; PHILOS 48 (*formerly same as HIST 48*); PHOTO 52 (*same as AHIS 52*); POL SC 1, 3 5 (*same as ECON 5 and GLOBAL 5*); PSYCH 1; SOCIOL 1, 1s, 2, 2s; URBAN 8 (*same as GEOG 8*); WOM ST 10

## Interaction Design (IXD)

Interaction Design blends the fields of design and technology, with a focus on ensuring that products are appealing, effective, and intuitive for their users. Interaction designers work closely with programmers to create smart objects and systems that optimize the user experience. There is strong demand for more interaction designers in today's high technology industries.

Selected to participate in the pilot California Community College Baccalaureate degree program, Santa Monica College now offers courses that meet the requirements for its new Bachelor of Science (BS) degree in the field of Interaction Design. This degree will provide students with the skills necessary to enter this well-paying and exciting field. Students interested in the Bachelor of Science degree in Interaction Design should visit [smcixd.org](http://smcixd.org) for more information and to sign up for email updates about the program.

### Programs Offered:

- Interaction Design Bachelor Degree

### INTERACTION DESIGN, BACHELOR OF SCIENCE DEGREE

The Interaction Design Bachelor of Science degree program blends the fields of design, user experience (UX), and technology. The proliferation of innovations such as e-commerce, mobile apps, smartphones, medical devices, wearable technology, connected appliances, and self-driving cars is creating strong demand for a new breed of designer who understands the user and employs a user-centered approach. The success of a new product or service in the competitive, fast-paced world of high technology hinges upon the quality of the user's first experience with the product. Interaction Designers ensure that products and services are appealing, effective and intuitive for their users by designing the behavior, organization, and aesthetics of the system to create successful end-to-end experiences. This is a four-year program with the lower division Graphic Design courses providing students with the skills necessary to enter the upper division courses in this exciting field.

**PILOT PROGRAM STATUS:** Santa Monica College is a participant in the California Community College Bachelor Degree Pilot Program. This program was created by the state legislature (Senate Bill 850) as a pilot program currently scheduled to expire in June of 2023. Students participating in the baccalaureate degree pilot program must complete their degrees by the end of the 2022–23 academic year.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate knowledge of Interaction Design/User Experience Design history, practices, method-



ologies, tools, and project-based processes in designing for the user. Graduates will utilize human-centered design principles, user-testing outcomes, and ethnographic research insights, and will employ critical thinking, sketching, and iterative processes to define, develop, conceptualize, and solve problems. They will design and prototype correct affordances, interaction paradigms, and patterns for a range of platforms including web, mobile, and tangible systems. They will also collaborate effectively with customers and clients, and in team projects, brainstorming sessions, and in-class critiques. They will exhibit proficient visual, verbal, and written communication skills, particularly presentation skills necessary in the design industry.

Lower Division Preparation for the IxD Major. (These courses, or equivalent, are required prior to enrollment in the IxD courses. SMC has several articulation agreements with other institutions for these courses. See [smc.edu/StudentServices/TransferServices/AreasofStudy/Pages/Interaction-Design-Transfer-Agreements.aspx](http://smc.edu/StudentServices/TransferServices/AreasofStudy/Pages/Interaction-Design-Transfer-Agreements.aspx))

- GR DES 31, Graphic Design Studio 1 (2)
- GR DES 33, Typography Design 1 (2)
- GR DES 35, Sketching for Graphic Design (2)
- GR DES 41, Graphic Design Studio 2 (2)
- GR DES 43, Typography Design 2 (2)
- GR DES 50, Graphic Design Portfolio and Professional Practices (2)
- GR DES 60, Design Research (2)
- GR DES 61, User Experience Design 1 (3)
- GR DES 62, User Experience Design 2 (3)
- GR DES 64, Digital Imaging for Design I (3)
- GR DES 65, Web Design 1 (2)
- GR DES 66, Web Design 2 (3)
- GR DES 67, Web Design 3 (3)
- GR DES 71, Motion Graphics 1 (3)
- GR DES 75, Mobile Design 1 (3)
- GR DES 76, Mobile Design 2 (3)

*Required Lower Division Courses (25 units):*

- AHIS 3, Western Art History III (3)
- or**
- AHIS (any AHIS course satisfies requirement; AHIS 3 highly recommended) (3)
- 
- BUS 20, Principles of Marketing (3)
- or**
- BUS 63, Principles of Entrepreneurship (3)
- 
- COM ST 16, Fundamentals of Small Group Discussion (3) (if taken Fall 2016 or prior)
- or**
- MEDIA 4, Introduction to Game Studies (3)
- 
- CIS 54, Web Development and Scripting (3)
- ENGL 1, Reading and Composition 1 (3)
- ENGL 2, Critical Analysis and Intermediate Composition (3)
- MATH 54, Elementary Statistics (4)
- PSYCH 1, General Psychology (3)

*Upper Division Major Requirements (28 units):*

- IXD 310, Interaction Design Studio 1 (3)
- IXD 330, Interaction Design Studio 2 (3)
- IXD 350, Interactive Storytelling (3)
- IXD 360, Product Design (3)
- IXD 370, Design for Community Change (3)

- IXD 410, Project Management for Design (2)
- IXD 430, Interaction Design Studio 3 (3)
- IXD 450, Interaction Design Portfolio (2)
- IXD 460, Tangible Interaction (3)
- IXD 470, Interaction Design Senior Studio (3)

*IXD Internship (select a minimum of 3 units from the courses below):*

- IXD 491, Interaction Design Internship (1)
- IXD 492, Interaction Design Internship (2)
- IXD 493, Interaction Design Internship (3)

*Upper Division General Education (9 units):*

- COM ST 310, Organizational and Small Group Communication (3)
- ENGL 300, Advanced Writing and Critical Thinking in the Disciplines (3)
- PSYCH 320, Cognitive Psychology (3)

## Interior Architectural Design

Interior Architectural Design is a Santa Monica College award-winning program in the Design Technology Department. Students focus on (1) professional career development, (2) academic transfer, (3) an Associate degree, and/or (4) personal and professional skills useful in the local and international Architecture and Design Industry. The program applies artistic and functional principles and techniques to the professional planning, designing, and furnishing of residential and commercial interior spaces. The program also includes the processes and techniques of designing living, working, and leisure indoor environments as integral components of a building system. The program includes instruction in design, drafting, careers, color coordination, surface materials and textiles, sketching, computer aided design, historical and contemporary furniture and housing, interior lighting, business principles, interior codes, digital rendering, model building, green design, universal design, on-site internships with local trade businesses, and applications to office, hotel, restaurant, and housing design. There are also specialized courses for Set Design and Advanced CAD. Designer careers include homes, kitchens/baths, offices and other retail uses, space planning, remodeling, specifying, sketching, management, staging for real estate sales, consulting, lighting, retail sales, preservation, health care, green design, and accessible, universal design.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

See the Interior Architectural Design Program Website ([smcdesigntech.org/interior-architectural/](http://smcdesigntech.org/interior-architectural/)) for additional information.

**COUNSELING INFORMATION:** Contact Cliff Dobbs at (310) 434-3783.

### Programs Offered:

- Transfer Preparation
- Interior Architectural Design Associate Degree
- Interior Architectural Design Certificate of Achievement (48 units)



- Digital Production and Design Department Certificate (15 units)
- Set Design and Art Direction for Film and TV Department Certificate (15 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### INTERIOR ARCHITECTURAL DESIGN, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program leads to employment skills in the selection and specification of contact and residential surface materials and furniture. Expertise is developed in advanced perspective sketching and visualization, architecture and furniture styles, advanced computer-aided design together with a choice of significant academic- and professional career-focused electives: business skills in the wholesale Trade, green design, model building, lighting, digital rendering, interior codes, universal design, custom residential design, technical CAD courses in space planning, working drawings, commercial design, 3D CAD modeling, and interior 3D computer rendering/animation, plus practical internship positions in the industry.

Students are encouraged to take as many recommended electives as possible, to learn specific and necessary skills for the development of their professional portfolios, and to bring employment value in their future design industry career position.

**Program Learning Outcomes:** Upon completion of the program, students will possess fundamental design skills as well as a working knowledge of current technology, and have the ability to work successfully as an entry-level interior designer.

*Required Core Courses: (42 units)*

- INTARC 28A, Visual Studies I (3) (formerly INTARC 32)
- INTARC 28B, Visual Studies II (3) (formerly INTARC 28)
- INTARC 30, Principles of Interior Architectural Design (3)
- INTARC 31, Interior Architecture Design Studio I (3)
- INTARC 33, Interior Architectural Design Career and Portfolio (3)
- INTARC 34, 2D Color Theory (3)
- INTARC 34B, 3D Applied Design Theory (3)
- INTARC 35, 2D Digital Drafting (3)
- INTARC 36, Interior Architectural Design Materials and Products (3)
- INTARC 38, 3D Digital Drafting I (3)
- INTARC 40, Interior Architectural Design Studio II (3)

- INTARC 41, History of Interior Architecture and Furnishings I (3)
- INTARC 42, History of Interior Architectural Furnishings II (3)
- INTARC 45, Interior Architectural Design Studio III (3)

*Required Elective Courses: Select any 6 units from the list of courses below; no more than 4 units of internship (INTARC 90A-D) may be used to satisfy the required elective):*

- INTARC 37, Set Design and Art Direction for Film and TV (3)
- INTARC 39, Green Design for Interiors (3)
- INTARC 44, Fundamentals of Lighting (3)
- INTARC 50, Building Systems and Codes (3)
- INTARC 52, Production Design for Film and TV (3)
- INTARC 57, 3D Digital Drafting II (3)
- INTARC 62, 3D Visual Studies (3)
- INTARC 65, Digital Rendering for Interiors (3)
- INTARC 70, 3D Digital Rendering and Animation (3)
- INTARC 71, Contemporary Spatial Design Studios (3)
- INTARC 90A, Internship (1)
- INTARC 90B, Internship (2)
- INTARC 90C, Internship (3)
- INTARC 90D, Internship (4)

### DIGITAL PRODUCTION AND DESIGN, DEPARTMENT CERTIFICATE

This program provides students with hands-on education using industry-standard digital tools. The coursework focuses on the skills necessary for digital production and design using CAD technology, BIM technology, solid modeling techniques, rendering, animation, and digital image enhancement. Students will be prepared to work in a wide range of design disciplines, including interior design firms, architecture firms, picture and furnishing design firms, and 3D rendering firms.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to draft and develop digital drawings and renderings for effective communication using industry-standard tools and methods.

*Required Courses:*

- INTARC 35, 2D Digital Drafting (3)
- INTARC 38, 3D Digital Drafting I (3)
- INTARC 57, 3D Digital Drafting II (3)
- INTARC 65, Digital Rendering for Interiors (3)
- INTARC 70, 3D Digital Rendering and Animation (3)

### SET DESIGN AND ART DIRECTION FOR FILM AND TV, DEPARTMENT CERTIFICATE

*Required Courses:*

- INTARC 28A, Visual Studies I (3) (formerly INTARC 32)
- INTARC 28B, Visual Studies II (3) (formerly INTARC 28)
- INTARC 37, Set Design and Art Direction for Film and TV (3)
- INTARC 41, History of Interior Architecture and Furniture I (3)
- INTARC 52, Production Design for Film and TV (3)

## Italian

See *Modern Languages*

## Japanese

See *Modern Languages*

## Journalism

This program teaches students the methods and techniques for gathering, processing and delivering news, and prepares students to be professional print and multimedia journalists. Included is instruction in news writing and editing, reporting and multimedia story production, professional standards and ethics, and journalism history and research. Careers in this field include book editor, copywriter, film critic, foreign correspondent, freelance writing, online editor, multimedia story producer, journalist, magazine editor, news anchor, newspaper editor, publicist, sportswriter, and technical writer.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Journalism Associate Degree for Transfer
- Journalism – Multimedia Storytelling Associate Degree
- Related Area: Communication Studies
- Related Area: Media Studies

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

SMC offers the **Journalism Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Journalism AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adt-search/search.shtml](http://calstate.edu/transfer/adt-search/search.shtml)

- Bakersfield: Communications – Communications – General, BA
- Chico: Journalism – News, BA
- Chico: Journalism – Public Relations, BA

- Dominguez Hills: Communications – Advertising/ Public Relations Option, BA
- Dominguez Hills: Communications – Journalism, BA
- Dominguez Hills: Communications – Media Studies Option, BA
- East Bay: Communication – Media Production, BA
- East Bay: Communication – Professional, Public and Organizational Communication, BA
- Fresno: Mass Communication & Journalism – Print Journalism, BA
- Fullerton: Communications – Journalism, BA
- Humboldt: Journalism – News, BA
- Humboldt: Journalism – Public Relations, BA
- Long Beach: Journalism – General, BA
- Monterey Bay: Human Communication – Journalism and Media Studies, BA
- Pomona: Communication – Journalism, BS
- Sacramento: Journalism – Government/Journalism, BA
- Sacramento: Journalism, BA
- San Jose: Humanities – Liberal Arts, BA
- San Marcos: Mass Media – General, BA

Articulation agreements and exact major requirements for the following CSU campuses can be found at [assist.org](http://assist.org)

- Chico
- Dominguez Hills
- East Bay
- Fresno
- Fullerton
- Humboldt
- Long Beach
- Los Angeles
- Monterey Bay
- Northridge
- Pomona
- San Bernardino
- San Diego
- San Francisco
- San José
- San Luis Obispo
- Stanislaus

### JOURNALISM, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Journalism for Transfer (AA-T) involves the methods and techniques for gathering, processing, and delivering news, and prepares students to be professional print and multimedia journalists. Included is instruction in news writing and editing, reporting and multimedia story production, professional standards and ethics, and journalism history and research. Careers in this field include book editor, copywriter, film critic, foreign correspondent, freelance writer, online editor, multimedia story producer, journalist, magazine editor, news anchor, newspaper editor, publicist, sportswriter, and technical writer.

Upon completion of the Associate in Arts in Journalism for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower division requirements for transfer into journalism or similar majors

for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will be able to produce essential nonfiction storytelling techniques in print and multimedia formats, demonstrate the ability to work as a team member to collaborate on media production across several formats, and demonstrate an understanding of the ethical and legal issues affecting journalists.

*Required Core Courses: (10 units)*

- JOURN 1, The News (3)
- JOURN 16, Producing the Campus Newspaper (4)
- MEDIA 1, Survey of Mass Media Communications (3)

*LIST A: Select 1 course from the following: (3 units)*

- JOURN 2, Intermediate Newswriting and Reporting (3)
- JOURN 15, Introduction to Multimedia Storytelling (3)
- JOURN 17, Editing the Campus Newspaper (2)
- JOURN 21, News Photography (3) (*same as PHOTO 13*)
- JOURN 43, Public Relations and Publicity (3)
- PHOTO 13, News Photography (3)

*LIST B: Select 2 courses from the following, 1 course from each group: (6 units)*

**GROUP 1**

Any course from List A not used above.

**GROUP 2**

- BUS 32, Business Communications (3)
- COM ST 11, Elements of Public Speaking (3) (*formerly Speech 1*)
- COM ST 12, Persuasion (3) (*formerly Speech 2*)
- COM ST 16, Fundamentals of Small Group Discussion (3) (*formerly Speech 3*)
- COM ST 21, Argumentation (3) (*formerly Speech 11*)
- ENGL 1, Reading and Composition 1 (3)
- ENGL 2, Critical Analysis and Intermediate Composition (3)
- ENGL 31, Advanced Composition (3)
- HIST 47, The Practice of History (3)
- PHILOS 7, Logic and Critical Thinking (3)

**GROUP 3**

- MATH 2, Precalculus (5)
  - MATH 21, Finite Mathematics (3)
  - MATH 26, Functions and Modeling for Business and Social Science (3)
  - MATH 54, Elementary Statistics (4)
- Or** any math course for which these are a prerequisite

**GROUP 4**

- PHOTO 1, Introduction to Photography (3)

## JOURNALISM – MULTIMEDIA STORYTELLING, ASSOCIATE DEGREE

**Program Learning Outcomes:** Upon completion of the program, students will be able to produce essential nonfiction storytelling techniques in print and multimedia formats, demonstrate the ability to work as a team member to collaborate on media production across several formats, and demonstrate an understanding of the ethical and legal issues affecting journalists.

*Required Courses: (10 units)*

- JOURN 1, The News (3)
- JOURN 15, Introduction to Multimedia Storytelling (3)
- MEDIA 1, Survey of Mass Media Communications (3)

*Elective Courses: Select at least 1 course from each group: (9 units)*

**GROUP A**

- CIS 50, Internet, HTML, and Web Design (3)
- CIS 56, Web Media Production (3)
- CIS 59A, Dreamweaver 1 (3)
- CIS 60A, Photoshop I (3)
- ET 31A, Digital Video Fundamentals (3)
- GR DES 31, Graphic Design Studio (2)
- GR DES 34, Publication and Page Design 1 (3)
- GR DES 64, Digital Imaging for Design I (3)
- GR DES 65, Web Design (3)
- JOURN 4A, Newscasting and Newswriting (3) (*formerly Broadcasting 4A*) (*same as MEDIA 14*)
- JOURN 8, Writing to Sell (3)
- JOURN 17, Editing the Campus Newspaper (2)
- JOURN 21, News Photography (3) (*same as PHOTO 13*)
- JOURN 22, Photography for Publication (3) (*same as PHOTO 14*)
- JOURN 43, Public Relations and Publicity (3)
- JOURN 90B, Internship in Journalism (2)
- PHOTO 13, News Photography (3) (*same as JOURN 21*)
- PHOTO 14, Photography for Publication (3) (*same as JOURN 22*)
- PHOTO 29, Video Production for Still Photographers (3)

**GROUP B**

- MEDIA 1, Survey of Mass Media (3) (*formerly Communication 1*)
- MEDIA 2, Reading Media: Acquiring Media Literacy Skills (3) (*formerly Communication 2*)
- MEDIA 10, Journalism, Gender and Race (3) (*formerly Communication 10*)

## Kinesiology/Physical Education

### Programs Offered:

- Transfer Preparation
- Kinesiology Associate Degree for Transfer
- Athletic Coaching Associate Degree
- Athletic Coaching Certificate of Achievement (24 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

SMC offers the **Kinesiology Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Kinesiology AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adt-search/search.shtml](http://calstate.edu/transfer/adt-search/search.shtml)

- Bakersfield: Kinesiology – Applied Exercise Science, BS
- Bakersfield: Kinesiology – Physical Activity Leadership, BS
- Chico: Exercise Physiology – Exercise Physiology – General, BS
- Chico: Kinesiology – Movement Studies, BA
- Chico: Kinesiology – Physical Education Teacher Education, BA
- Dominguez Hills: Physical Education – Fitness Director, BA
- East Bay: Kinesiology – Special Studies, BS
- Fresno: Kinesiology – Exercise Science, BS
- Fresno: Kinesiology – General Kinesiology, BS
- Fresno: Kinesiology – Physical Education, BS
- Fullerton: Kinesiology – Exercise Science, BS
- Fullerton: Kinesiology – Gerokinesiology, BS
- Fullerton: Kinesiology – General, BS
- Fullerton: Kinesiology – Recreation, Fitness and Health Promotion, BS
- Fullerton: Kinesiology – Sport Studies, BS
- Fullerton: Kinesiology – Strength and Conditioning, BS
- Fullerton: Kinesiology – Teacher Education, BS
- Long Beach: Kinesiology – Sport Psychology and Leadership, BS
- Los Angeles: Kinesiology – Community Leadership of Physical Activity, BS
- Los Angeles: Kinesiology – Exercise and Human Performance, BS
- Los Angeles: Kinesiology – Rehabilitation and Therapeutic Exercise, BS
- Los Angeles: Kinesiology – Subject Matter Preparation for Single Subject Teaching Credential, BS
- Monterey Bay: Kinesiology – Exercise Science, BS
- Monterey Bay: Kinesiology – Wellness, BS
- Northridge: Kinesiology – Dance, BS
- Pomona: Kinesiology – Exercise Science, BS
- Pomona: Kinesiology – Health Promotion, BS
- Pomona: Kinesiology – Pedagogy, BS
- Sacramento: Kinesiology – Physical Education, BS
- San Bernardino: Kinesiology – Exercise Science, BS
- San Bernardino: Kinesiology – Pedagogy, BS

- San Diego: Kinesiology – Exercise Science Generalist (AA-T only), BS
- San Francisco: Kinesiology – Exercise and Movement Sciences, BS
- San Jose: Humanities – Liberal Arts, BA
- San Jose: Kinesiology, BS
- Stanislaus: Kinesiology – Exercise Science, BA
- Stanislaus: Kinesiology – General, BA
- Stanislaus: Kinesiology – Health Promotion, BA

## KINESIOLOGY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Kinesiology for Transfer (AA-T) involves the study of human development, anatomy, physiology, mechanics, and motor learning. Within each subdiscipline, students study stressors—both positive and negative—that govern human performance. In addition, discussions focus on exercise, nutrition, and techniques used to achieve health and wellness. Students develop and integrate the concepts and principles from each subdiscipline to understand the complexity of the human body.

Upon completion of the Associate in Arts in Kinesiology for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Students who have completed the Associate in Arts for Transfer in Kinesiology will have satisfied the lower division requirements for transfer into Kinesiology or a similar major for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate skills in anatomy, physiology, kinesiology, and motor learning, as well as an appreciation of the complexity of the human body as it relates to exercise, nutrition, and techniques used to achieve health and wellness.

*Required Courses: (11 units)*

- ANATMY 1, Human Anatomy (4)
- PHYS 3, Human Physiology (4)
- PRO CR 10, Introduction to Kinesiology (3)

*Movement Based courses: Select 1 course from 3 different areas: (3 units)*

- Aquatics: KIN PE 48A, 48B, 48C, 48D, 49D, 50A, 50C, 51A, 51B
- Combatives: KIN PE 34A, 34B, 41M, 41W
- Dance: DANCE 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 27B, 29, 31, 32, 41, 42, 60
- Fitness: KIN PE 2, 10A, 11A, 11B, 11C, 11N, 13, 15A, 17, 19A, 19B, 19C, 19D, 19E, 58A, 58B, 58C
- Individual Sports: KIN PE 5A, 5B, 5C, 14, 15A, 16A, 25A, 25B, 25C, 37A, 37B, 53A, 53B, 54A, 54B, 54C, 54D, 56A, 56B
- Team Sports: KIN PE 9A, 9B, 9C, 9W, 21, 21C, 43A, 45A, 57A, 57B, 57C, 59A, 59B, 59C

*Support Courses: Select 2 courses from the following: (7 units minimum)*

- BIOL 2, Human Biology (3)
- 
- CHEM 10, Introductory General Chemistry (5)
- or**
- CHEM 11, General Chemistry I (5)
- or**



CHEM 19, Fundamentals of General, Organic, and Biological Chemistry (5)

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MATH 54, Elementary Statistics (4)

PHYSICS 6, General Physics (4)

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PHYSICS 8, General Physics 1 with Calculus (4)

**or**

PHYSICS 21, Mechanics with Lab (5)

### **ATHLETIC COACHING, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

The Athletic Coaching program prepares students to coach a variety of sports and includes courses in Kinesiology Physical Education, Athletics, and Nutrition. Athletic Coaching can lead to employment as sport coaches at the High School, Collegiate, and Club levels.

*Required Courses: (17 units)*

KIN PE 3, Introduction to Exercise Physiology I (3)

KIN PE 4, Introduction to Sport Psychology (3)

NUTR 4, Healthy Lifestyle: Food and Fitness (3)

PRO CR 11, Introduction to Sports Injuries (3)

PRO CR 19, Field Experience (2)

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HEALTH 11, First Aid and Cardio-Pulmonary Resuscitation (3)

**or**

PRO CR 12, Emergency Care and Water Safety (3)

*Area of Specialization; select 1 course from the following: (3 units)*

PRO CR 3, Coaching of Racket Sports (3)

PRO CR 4, Coaching of Track and Field (3)

PRO CR 6A, Coaching of Football (3)

PRO CR 6B, Coaching of Baseball (3)

PRO CR 7, Coaching of Soccer (3)

PRO CR 8, Coaching of Basketball (3)

PRO CR 9, Coaching of Volleyball (3)

PRO CR 25, Personal Trainer Preparation (3)

*Required Fitness Courses; complete a minimum of 2 units by selecting from the following courses:*

KIN PE 2, Achieving Lifetime Fitness (3)

KIN PE 10A, Fitness Lab (1)

KIN PE 10C, Advanced Fitness Lab (1)

KIN PE 11A, Beginning Weight Training (1)

KIN PE 11B, Intermediate Weight Training (1)

KIN PE 11C, Advanced Weight Training (1)

KIN PE 11D, Olympic Style Weightlifting (1)

KIN PE 11N, Individual Weight Training (1)

KIN PE 12, Olympic Style Weightlifting (1)

KIN PE 17, Boxing for Fitness (1)

KIN PE 19A, Fitness – Anaerobic Exercises (1)

KIN PE 19B, Fitness – Aerobic Exercises (1)

KIN PE 19C, Fitness – Body Level Exercises (1)

KIN PE 19D, Fitness – Aquatic Exercises (1)

KIN PE 19E, Pilates Mat Exercise (1)

KIN PE 58A, Beginning Yoga (1)

KIN PE 58B, Intermediate Yoga (1)

KIN PE 58C, Advanced Yoga (1)

VAR PE 11A, In-Season Intercollegiate Strength and Conditioning (1)

VAR PE 11B, Off-Season Intercollegiate Strength and Conditioning (1)

VAR PE 60, Conditioning for Intercollegiate Sport (1)

**Sports Area: select 2 courses: 1 from List A and a different course from List B.**

*List A: Includes all KIN PE Courses (1 unit required)*

*List B: Highest Level Courses (1 unit required)*

KIN PE 5C, Advanced Badminton (1)

KIN PE 9C, Advanced Basketball (1)

KIN PE 9CW, Advanced Basketball for Women (1)

KIN PE 10C, Advanced Fitness Lab (1)

KIN PE 11C, Advanced Weight Training (1)

KIN PE 14C, Advanced Cross Country (1)

KIN PE 16B, Intermediate Rock Climbing (1)

KIN PE 21C, Advanced Football for Men (1)

KIN PE 25C, Advanced Golf (1)

KIN PE 25D, Golf Player Development (1)

KIN PE 34D, Advanced Karate (1)

KIN PE 43C, Advanced Soccer (1)

KIN PE 43D, Competitive Soccer (1)

KIN PE 45C, Advanced Softball (1)

KIN PE 48D, Advanced Swimming (1)

KIN PE 50C, Advanced Water Polo (1)

KIN PE 51B, Intermediate Surfing (1)

KIN PE 53B, Intermediate Table Tennis (1)

KIN PE 54D, Advanced Tennis (1)

KIN PE 56B, Intermediate Track and Field (1)

KIN PE 57C, Advanced Volleyball (1)

KIN PE 59C, Advanced Beach Volleyball (1)

VAR PE 9V, Varsity Basketball for Men (3)

VAR PE 9W, Varsity Basketball for Women (3)

VAR PE 14V, Varsity Cross Country for Men (3)

VAR PE 14W, Varsity Cross Country for Women (3)

VAR PE 20V, Advanced Football for Men (1)

VAR PE 21V, Varsity Football for Men (3)

VAR PE 43V, Varsity Soccer for Men (3)

VAR PE 43W, Varsity Soccer for Women (3)

VAR PE 45W, Varsity Softball for Women (3)

VAR PE 48M, Varsity Swimming and Diving for Men (3)

VAR PE 48W, Varsity Swimming and Diving for Women (3)

VAR PE 50V, Varsity Water Polo for Men (3)

VAR PE 50W, Varsity Water Polo for Women (3)

VAR PE 54W, Varsity Tennis for Women (3)

VAR PE 56V, Varsity Track and Field for Men (3)

VAR PE 56W, Varsity Track and Field for Women (3)

VAR PE 57V, Varsity Volleyball for Men (3)

VAR PE 57W, Varsity Volleyball for Women (3)

VAR PE 59W, Varsity Beach Volleyball for Women (3)

## **Korean**

*See Modern Languages*

## **Latin American Studies**

*See Modern Languages*

## **Liberal Arts**

Liberal Arts provides a broad education that can be used in many different careers programs of study. Liberal arts studies include English, Communication, Arts and Humanities, Science, Social Science, and Physical Education.

Elementary school teachers often major in liberal arts. Some additional career options to consider exist in advertising, business, health administration, human resources management, politics, education, government, computers, writing, and editing. For additional information on Teacher Preparation, please see the Teacher Preparation guide, available online at [smc.edu/articulation](http://smc.edu/articulation) and in the Transfer/Counseling Center.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Liberal Arts Associate Degree (historical, see below)
- Liberal Arts – Arts and Humanities Associate Degree
- Liberal Arts – Social and Behavioral Science Associate Degree

### TRANSFER PREPARATION

Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### LIBERAL ARTS, ASSOCIATE DEGREE (HISTORICAL)

The Liberal Studies Associate degree is available to students who enrolled at SMC in Spring 2010 or earlier and who have maintained catalog rights. (See page 56 for definition of catalog rights.) For Liberal Arts Associate degree requirements, please see the 2008-09 SMC catalog.

### LIBERAL ARTS – ARTS & HUMANITIES

The Liberal Arts – Arts & Humanities program focuses on combined studies in art and humanities, as distinguished from the social and behavioral sciences, with an emphasis on languages, literature, art, music, philosophy, and religion. This major provides a broad education that can be used in a variety of careers, including teaching.

**Program Learning Outcomes:** Students completing a degree in Liberal Arts – Arts & Humanities will demonstrate through oral and written academic work knowledge of the arts and humanities and be prepared to pursue further study in a related major at the baccalaureate level. Students will be proficient in the research, analytical, and communication skills necessary to present a critical analysis.

Complete 18 units, including at least 6 units from Area A and 6 units from Area B, as specified below. Remaining 6 units may be chosen from any area/group. Select from the following two groups:

#### AREA A: ARTS

Select at least 2 courses from different groups: (minimum 6 units required)

##### GROUP 1:

ART 10A\*, 10B\*, 13, 20A\*, 20B\*, 40A\*, 40B, 43A, 43B

##### GROUP 2:

AHIS 1, 2, 3, 5, 6<sup>6c</sup>, 11<sup>6c</sup>, 15, 17, 18, 21, 22, 52 (same as PHOTO 52), 71, 72<sup>6c</sup>;

ET 61;

GR DES 64;

PHOTO 52 (same as AHIS 52)

##### GROUP 3:

DANCE 2<sup>6c</sup>, 5

##### GROUP 4:

FILM 1, 2, 5, 6, 9, 11

##### GROUP 5:

INTARC 30, 41, 42, 60

##### GROUP 6:

MUSIC 1, 30, 31, 32, 33<sup>6c</sup>, 34, 35, 36<sup>6c</sup>, 37<sup>6c</sup>, 39, 60A\*, 60B\*, 66

##### GROUP 7:

ENGL 55 (formerly same as TH ART 7);

TH ART 2, 5, 41

\*May be 1.5 or 2 unit course; additional course may be required to meet minimum 6 unit Arts requirement.

#### AREA B: HUMANITIES

Select at least 2 courses from 2 different groups OR 2 courses in different languages from Group 1: (minimum 6 units required)

##### GROUP 1:

ASL 1, 2;

ARABIC 1;

CHNESE 1, 2, 3, 4, 8, 9;

FRENCH 1, 2, 3, 4, 8;

GERMAN 1, 2, 3, 4, 8;

HEBREW 1, 2, 3, 4, 8;

ITAL 1, 2, 3, 4, 8;

JAPAN 1, 2, 3, 4, 8;

KOREAN 1, 2, 3, 4;

PERSIN 1, 2;

PORTGS 1<sup>6c</sup>;

RUSS 1, 2, 8;

SPAN 1, 2, 3, 4, 8, 9, 11, 12, 20;

TURK 1

##### GROUP 2:

COM ST 12 (formerly Speech 2), 14<sup>6c</sup> (formerly Speech 4)

##### GROUP 3:

ENGL 2, 3, 4, 5, 6, 7, 8, 9<sup>6c</sup>, 10<sup>6c</sup>, 14, 15, 17, 18, 26 (same as HUM 26), 30A, 30B, 31, 32 (formerly same as HIST 30), 34, 38, 39, 40, 41, 45, 49<sup>6c</sup>, 50, 51 (same as REL ST 51), 52 (same as REL ST 52), 53, 54, 55, 56, 57, 58, 59;

FILM 11;

HUM 26 (same as ENGL 26);

REL ST 51 (same as ENGL 51), 52 (same as ENGL 52)

##### GROUP 4:

FILM 7<sup>6c</sup>

##### GROUP 5:

PHILOS 48

##### GROUP 6:

ENVRN 20<sup>6c</sup> (same as PHILOS 20);

PHILOS 1, 2, 3, 4, 5, 6, 10, 11, **20<sup>GC</sup>** (same as ENVRN 20), 22, 23, 24, 41, 51 (same as POL SC 51), 52 (same as POL SC 52);

POL SC 51 (same as PHILOS 51), 52 (same as PHILOS 52)

GROUP 7:  
LING **1<sup>GC</sup>**

PLEASE NOTE: <sup>GC</sup> indicates courses that fulfill the SMC Global Citizenship requirement.

## LIBERAL ARTS – SOCIAL & BEHAVIORAL SCIENCE

The Liberal Arts – Social & Behavioral Science program focuses on the combined study of the social and behavioral sciences, as distinguished from the arts and humanities, with an emphasis on economics, history, political science, psychology, sociology, and anthropology. This major provides a broad education that can be used in a variety of careers, including teaching.

**Program Learning Outcomes:** Students completing a degree in Liberal Arts – Social & Behavioral Science will demonstrate through oral and written academic work knowledge of the social and behavioral sciences and be prepared to pursue further study in a related major at the baccalaureate level. Students will be proficient in the research, analytical, and communication skills necessary to present a critical analysis.

Complete 18 units, including at least 6 units from Area A and 6 units from Area B, as specified below. Remaining 6 units may be chosen from any area/group. Select from the following two groups:

### AREA A: SOCIAL SCIENCE

Select at least 2 courses from different groups: (minimum 6 units required)

GROUP 1:  
ECON 1, 2, 6

GROUP 2:  
ENVRN **7<sup>GC</sup>** (same as GEOG 7);  
GEOG 2, **7<sup>GC</sup>** (same as ENVRN 7), 8 (same as URBAN 8), **11<sup>GC</sup>** (same as GLOBAL 11);  
GLOBAL **11<sup>GC</sup>** (same as GEOG 11);  
URBAN 8 (same as GEOG 8)

GROUP 3:  
ECON 15 (same as HIST 15);  
ENGL 32;  
ENVRN **14<sup>GC</sup>** (same as HIST 14), **32<sup>GC</sup>** (same as HIST 32);  
HIST 1, 2, 3, 4, 5, **6<sup>GC</sup>**, **10<sup>GC</sup>**, 11, 12, 13, **14<sup>GC</sup>** (same as ENVRN 14), 15 (same as ECON 15), 16, 19, 20, 21, 22, 23, 24, **25<sup>GC</sup>** (satisfies GC requirement if completed Fall 2014 or later), 26, 28, 29, 30, **32<sup>GC</sup>** (same as ENVRN 32), 33, **34<sup>GC</sup>** (satisfies GC requirement if completed Fall 2014 or later), 38, **39<sup>GC</sup>** (satisfies GC requirement if completed Fall 2014 or later), 41, 42, 43, 45, 46, 47, 52, 53, 55, 62;  
PHILOS 48 (formerly same as HIST 48)

GROUP 4:  
ECON **5<sup>GC</sup>** (same as POL SC 5 and GLOBAL 5);  
GLOBAL **5<sup>GC</sup>** (same as ECON 5 and POL SC 5);  
ENVRN **22<sup>GC</sup>** (same as POL SC 22);  
PHILOS 51 (same as POL SC 51), 52 (same as POL SC 52);

POL SC 1, 2, 3, **5<sup>GC</sup>** (same as ECON 5 and GLOBAL 5), 7, 8, 11, 14, **21<sup>GC</sup>**, **22<sup>GC</sup>** (same as ENVRN 22), 23, 24, 31, 47, 51 (same as PHILOS 51), 52 (same as PHILOS 52)

GROUP 5:  
SOCIO 1, **1s<sup>GC</sup>**, 2, **2s<sup>GC</sup>**, 4, 12, 30, 31, 32, 33, **34<sup>GC</sup>**

GROUP 6:  
WOM ST 10, **20<sup>GC</sup>**, 30

GROUP 7:  
GLOBAL **10<sup>GC</sup>**

### AREA B: BEHAVIORAL SCIENCE

Select at least 2 courses from different groups: (minimum 6 units required)

GROUP 1:  
ANTHRO **2<sup>GC</sup>**, 3, 4, 7, **14<sup>GC</sup>**, **19<sup>GC</sup>**, 20, **21<sup>GC</sup>**, 22;  
ASTRON **6<sup>GC</sup>**

GROUP 2:  
NUTR **7<sup>GC</sup>**

GROUP 3:  
COM ST 31, 35 (formerly Speech 5), 36, **37<sup>GC</sup>** (formerly Speech 7)

GROUP 4:  
MEDIA 1 (formerly Communication 1), 3, **10<sup>GC</sup>** (formerly Communication 10)

GROUP 5:  
ECE **11<sup>GC</sup>**;  
ENVRN **40<sup>GC</sup>** (same as PSYCH 40);  
PSYCH 1, 3, 5, 6, 7, 11, 12, 13, 14, 19, 25, **40<sup>GC</sup>** (same as ENVRN 40)

PLEASE NOTE: <sup>GC</sup> indicates courses that fulfill the SMC Global Citizenship requirement.

## Linguistics

See Modern Languages

## Mathematics

Mathematicians use symbolic languages to set up and analyze relationships among quantities and qualities of things, events, and places. Pure mathematicians develop the theories to further the science of mathematics. Possible careers include actuary, computer engineer, cryptographer, satellite communications expert, robotics programmer, statistician and teacher.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Mathematics Associate Degree for Transfer

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers Mathematics. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

SMC offers the **Mathematics Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Mathematics AS-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adts-search/search.shtml](http://calstate.edu/transfer/adts-search/search.shtml)

- Bakersfield: Mathematics – Applied, BS
- Bakersfield: Mathematics – Economics, BS
- Bakersfield: Mathematics – Statistics, BS
- Bakersfield: Mathematics – Teaching, BS
- Bakersfield: Mathematics – Theoretical, BS
- Channel Islands: Mathematics – General, BS
- Chico: Mathematics – Applied Mathematics, BS
- Chico: Mathematics – General Mathematics, BS
- Chico: Mathematics – Mathematics Education, BS
- Chico: Mathematics – Statistics, BS
- Dominguez Hills: Mathematics, BS
- East Bay: Mathematics – Applied Mathematics, BS
- East Bay: Mathematics – Mathematics Teaching, BS
- East Bay: Mathematics – Pure Mathematics, BS
- East Bay: Statistics – General, BS
- Fresno: Mathematics, BA
- Fullerton: Mathematics – Actuarial Science, BA
- Fullerton: Mathematics – Applied Mathematics, BA
- Fullerton: Mathematics – Mathematics – General, BA
- Fullerton: Mathematics – Probability and Statistics, BA
- Fullerton: Mathematics – Pure Mathematics, BA
- Fullerton: Mathematics – Teaching Mathematics, BA
- Humboldt: Mathematics – Applied Mathematics, BA
- Humboldt: Mathematics, BA
- Long Beach: Mathematics – Applied Mathematics, BS
- Long Beach: Mathematics – General, BS
- Long Beach: Mathematics – Mathematics Education, BS
- Long Beach: Mathematics – Statistics, BS
- Monterey Bay: Mathematics – Mathematics Subject Matter Preparation Program, BS
- Monterey Bay: Mathematics – No Concentration, BS
- Northridge: Mathematics – Applied Mathematical Sciences, BS
- Northridge: Mathematics – General, BA
- Northridge: Mathematics – General, BS
- Northridge: Mathematics – Secondary Teaching, BA

- Northridge: Mathematics – Statistics, BS
- Pomona: Mathematics – Secondary Teacher Prep\Pure Mathematics, BS
- Sacramento: Mathematics – General, BA
- San Bernardino: Mathematics – General, BA
- San Diego: Mathematics – Science, BS
- San Francisco: Applied Mathematics – Applied Mathematics – General, BS
- San Francisco: Mathematics – Mathematics for Advanced Study, BA
- San Francisco: Mathematics – Mathematics for Liberal Arts, BA
- San Francisco: Mathematics – Mathematics for Teaching, BA
- San Francisco: Statistics – Statistics – General, BS
- San Jose: Humanities – Liberal Arts, BA
- San Jose: Mathematics, BA
- San Jose: Mathematics – Preparation for Teaching, BA
- San Marcos: Mathematics – General, BS
- Sonoma: Applied Statistics – Applied Statistics – General, BA
- Sonoma: Mathematics – Mathematics – General, BA
- Stanislaus: Mathematics – General, BA
- Stanislaus: Mathematics – General, BS

## MATHEMATICS, ASSOCIATE DEGREE FOR TRANSFER

Upon successful completion of the Santa Monica College's AS-T in Mathematics, the student will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. This coursework will satisfy most of the lower-division Mathematics requirements at many institutions at both the University of California and the California State University systems. This degree is intended for students who are interested in the theory of Mathematics and are planning to transfer to a four-year university and majoring in Mathematics, Physics, Engineering, or Computer Science.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate an appreciation and understanding of mathematics in order to develop creative and logical solutions to various abstract and practical problems. Furthermore, given a mathematical situation, the student will be able to critically analyze it, determine an appropriate strategy to address it, and implement the strategy to find the solution.

*Required Courses: (18 units)*

- MATH 7, Calculus 1 (5)
- MATH 8, Calculus 2 (5)
- MATH 11, Multivariable Calculus (5)
- MATH 13, Linear Algebra (3)

*Select 1 course from the following: (3 units)*

- CS 10, Discrete Structures (3)
- MATH 10, Discrete Structures (3) (*strongly recommended*)
- MATH 15, Ordinary Differential Equations (3) (*strongly recommended*)
- PHYSICS 8, Calculus-based General Physics I with Lab (4)
- PHYSICS 21, Mechanics with Lab (5)



## Media Studies

Media is a versatile discipline consisting of two areas of study: media studies and media production. Our media studies area focuses on the analysis of the mass media. Media Studies courses use an analytical and historical approach, and students develop skills to assess the role and impact of mass media on society. Students examine the history, values, and structure of media in the US and internationally. Media literacy skills are another fundamental component of Media Studies courses. Upon successful completion of our Media Studies courses, each student should leave as a media literate individual – a more aware, critical audience member with a well-developed sense of mass media's role in society. There is a wide range of employment possibilities for students trained in Media Studies, including positions in public relations, business, sales, public and personnel relations, and advertising.

Our Media Production courses provide hands-on training in the areas of Television, Radio and Internet Broadcasting, including broadcast news, sports, promotional videos, podcasting, short form and emerging media (360/virtual and augmented reality). Students completing the Broadcasting degrees and/or certificates are prepared for both employment opportunities in the broadcasting industry and transfer into four-year degree programs. The Promo Pathways program provides intensive training and internships for students pursuing promo advertising careers opportunities in the broadcasting industry and transfer into four-year degree programs.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Broadcast Programming and Production Associate Degree
- Broadcast Sales and Management Associate Degree
- Entertainment Promotion and Marketing Production Associate Degree
- Broadcast Programming and Production Certificate of Achievement (20 units)
- Broadcast Sales and Management Certificate of Achievement (21 units)
- Entertainment Promotion and Marketing Production Certificate of Achievement (24 units)
- Related Area: Communication Studies
- Related Area: Journalism

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation

agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### BROADCAST PROGRAMMING AND PRODUCTION, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will be able to analyze and articulate the theories and critical models of the broadcasting industry, demonstrating an understanding of the principles of radio and television production and announcing, including professional terminology and procedures. Students will also be able to demonstrate the basic oral and written communication tools needed to function professionally in a radio and television production environment, including the ability to research, structure, and write dramatic and non-dramatic scripts for radio and television.

*Required Courses: (15 units)*

- MEDIA 1, Survey of Mass Media Communications (3) (formerly *Communication 1*)
- MEDIA 11, Introduction to Broadcasting (3) (formerly *Broadcasting 1*)
- MEDIA 12, Broadcasting Programming and Management (3) (formerly *Broadcasting 2*)
- MEDIA 13, Broadcasting Announcing and Production (3) (formerly *Broadcasting 3A*)
- MEDIA 14, Newscasting and Newswriting (3) (formerly *Broadcasting 4A*)

*Restricted Electives; students must select at least 5 units from the following list:*

- MEDIA 2, Reading Media: Acquiring Media Literacy Skills (3) (formerly *Communication 2*)
- MEDIA 15, Advanced Broadcasting Newscasting and Newswriting (3) (same as *JOURN 4B*) (formerly *Broadcasting 4B*)
- MEDIA 16, Sportscasting Fall Sports (3) (formerly *Broadcasting 5A*)
- MEDIA 17, Sportscasting Spring Sports (3) (formerly *Broadcasting 5B*)
- MEDIA 18, Broadcast Advertising (3) (formerly *Broadcasting 8*)
- MEDIA 19, Broadcasting Workshop (3) (formerly *Broadcasting 9*)
- MEDIA 20, Introduction to Writing and Producing Short Form Media (3) (formerly *Broadcasting 20*)
- MEDIA 21, Short Form Visual Media Production (3) (formerly *Broadcasting 21*)
- MEDIA 46, Television Production (3) (formerly *Broadcasting 46*)
- MEDIA 48, Television Field Production Workshop (3) (formerly *Broadcasting 48*)
- MEDIA 90A, Internship (1) (formerly *Broadcasting 90A*)
- MEDIA 90B, Internship (2) (formerly *Broadcasting 90B*)

*Additional general education and graduation requirements for the Associate degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to [smc.edu/articulation](http://smc.edu/articulation)).*

## **BROADCAST SALES AND MANAGEMENT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

**Program Learning Outcomes:** Upon completion of the program, students will be able to analyze and articulate the theories and critical models of the broadcasting industry, demonstrating an understanding of the principles of radio and television production and announcing, including professional terminology and procedures. Students will also be able to demonstrate the basic oral and written communication tools needed to function professionally in a radio and television production environment, including the ability to research, structure, and write dramatic and non-dramatic scripts for radio and television.

*Required Courses: (18 units)*

- BUS 23, Principles of Selling (3)
- MEDIA 1, Survey of Mass Media Communications (3) (formerly *Communication 1*)
- MEDIA 11, Introduction to Broadcasting (3) (formerly *Broadcasting 1*)
- MEDIA 12, Broadcasting Programming and Management (3) (formerly *Broadcasting 2*)
- MEDIA 13, Broadcasting Announcing and Production (3) (formerly *Broadcasting 3A*)
- MEDIA 18, Broadcast Advertising (3) (formerly *Broadcasting 8*)

*Restricted Electives; students must select at least 3 units from the following:*

- BUS 1, Introduction to Business (3)
- BUS 24, Creative Selling (3)
- BUS 27, Introduction to E-Commerce (3) (formerly same as *CIS 27*)
- BUS 63, Principles of Entrepreneurship (3)
- MEDIA 2, Reading Media: Acquiring Media Literacy Skills (3) (formerly *Communication 2*)
- MEDIA 20, Introduction to Writing and Producing Short Form Media (3) (formerly *Broadcasting 20*)
- MEDIA 21, Short Form Visual Media Production (3) (formerly *Broadcasting 21*)
- MEDIA 90A, Internship (1) (formerly *Broadcasting 90A*)
- MEDIA 90B, Internship (2) (formerly *Broadcasting 90B*)

## **ENTERTAINMENT PROMOTION AND MARKETING PRODUCTION, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

The Entertainment Promotion and Marketing Production program provides students with the skills, knowledge, training, and relationships necessary for entry level employment in the Entertainment Promotion and Marketing Production area of the Advertising and Promotion Media industry. This industry sector includes the writing, producing, editing, and design of on-air and off-air promotions, commercial advertisements and public service announcements, and ancillary mass media areas such as media strategy and planning, public relations, publicity, and broadcast/internet/interactive media marketing production.

This major may also lead to many other careers. For additional possibilities, visit the Career Services Center on campus to utilize computerized career information systems and other valuable career resources.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to use digital video and audio workstations to produce promotional spots, commercials, and various other electronic media projects. Students will have gained basic training and practical experience in writing, producing, music selection, and directing voice-over talent for marketing and alternative media branding campaigns; and they will understand modern business marketing concepts and strategies and become familiar with standards, procedures, and techniques used in marketing, including marketing research, target marketing; promotion, and digital media distribution strategies.

*Required Core Courses: (18 units)*

- BUS 20, Principles of Marketing (3)
- 
- ET 11, Computer Skills for Digital Media (3)
- or*
- GR DES 18, Introduction to Design Applications (3)
- 
- ET 31A, Digital Video Fundamentals (3)
- ET 31B, Digital Video Editing (3)
- MEDIA 20, Introduction to Writing and Producing Short Form Media (3) (formerly *Broadcasting 20*)
- MEDIA 21, Short Form Visual Media Production (3) (formerly *Broadcasting 21*)

*Restricted Electives: (6 units)*

- BUS 26, Marketing Research and Consumer Behavior (3)
- BUS 34, Introduction to Social Media Marketing (3)
- COM ST 12, Persuasion (3)
- COUNS 16, Job Success Skills (1)
- ET 3, Principles of Project Management (3)
- ET 40, Digital Audio Fundamentals (3)
- ET 41, Digital Audio Post Production (3)
- ET 72, Career Development (2)
- GR DES 64, Digital Imaging for Design I (3)
- GR DES 71, Motion Graphics 1 (3)
- JOURN 43, Public Relations and Publicity (3)
- MEDIA 2, Reading Media Acquiring Media Literacy Skills (3) (formerly *Communication 2*)
- MEDIA 11, Introduction to Broadcasting (3) (formerly *Broadcasting 1*)
- MEDIA 13, Broadcasting Announcing and Production (3) (formerly *Broadcasting 3A*)
- MEDIA 18, Broadcast Advertising (3) (formerly *Broadcasting 8*)
- MEDIA 19, Broadcasting Workshop (3) (formerly *Broadcasting 9*)
- MEDIA 90A, Broadcasting Internship (1)
- MEDIA 90B, Broadcasting Internship (2) (formerly *Broadcasting 90B*)

## **Microbiology**

*See Biological Sciences*

## **Modern Languages**

Santa Monica College offers language development courses in American Sign Language, Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Korean, Linguistics, Persian, Portuguese, Russian, Spanish, and Turkish.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources..

### Programs Offered:

- Transfer Preparation
- African and Middle Eastern Studies Department Certificate (16 units)
- Asian Studies Department Certificate (16 units)
- Latin American Studies Department Certificate (16 units)
- Related Program: Spanish Associate Degree for Transfer

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in various languages and linguistics. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### AFRICAN AND MIDDLE EASTERN STUDIES, DEPARTMENT CERTIFICATE

The African and Middle Eastern Studies Department Certificate prepares students for work with Arabic, Hebrew, Persian, Turkish, French, Spanish and/or Portuguese-speaking populations from Africa and the Middle East in the US and abroad. There are four possible areas of emphasis: liberal arts, international business, health sciences, and dance. This certificate is designed to complement an Associate Degree or Certificate of Achievement. Students will analyze and examine the countries and cultures of Africa and the Middle East.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of the cultural and linguistic diversity of Africa and the Middle East and the differences and commonalities in their world views and systems.

PLEASE NOTE: Students must petition the Modern Languages and Cultures department to obtain a Department Certificate in African and Middle Eastern Studies.

#### Required Language Courses: (10 units)

- ARABIC 1, Elementary Arabic 1 (5)
- FRENCH 4, Intermediate French II (5)
- FRENCH 8, Conversational French (2)
- HEBREW 4, Intermediate Hebrew 2 (5)
- HEBREW 8, Conversational Hebrew (2)
- PERSIN 2, Elementary Persian II (5)
- PORTGS 1, Elementary Portuguese 1 (5)
- SPAN 4, Intermediate Spanish II (5)
- SPAN 8, Conversational Spanish (2)

- SPAN 9, The Civilization of Spain (3)
- TURK 1, Elementary Turkish 1 (5)

Select a minimum of 6 units from ONE of the Focus Areas below:

#### Liberal Arts Focus Area:

- ANTHRO 20, Traditional Peoples and Cultures of Africa (3)
- AHIS 18, Introduction to African Art History (3)
- ENGL 32, History and Literature of Contemporary Africa (3)
- HIST 16, African American History (3)
- HIST 22, History of the Middle East (3)
- HIST 30, History and Literature of Contemporary Africa (3)
- HIST 38, History of Africa to 1900 (3)
- HIST 39, History of Africa from 1900 (3)
- POL SC 14, Middle East Government and Politics (3)
- SOCIOL 30, African Americans in Contemporary Society (3)

#### International Business Focus Area:

- BUS 50, Introduction to International Business (3)
- BUS 51, Intercultural Business Communication (3)
- BUS 52, International Marketing (3)
- BUS 53, Importing and Exporting (3)
- BUS 54, International Management (3)
- BUS 55, Southern California's International Connections (3)

*Health Sciences Focus Area (only available to students admitted to the SMC Nursing program):*

- NURSN 10, Nursing Skills (2)
- NURSN 28, Community-Based Nursing Practice (1)
- NURSN 60, Multicultural Health and Healing Practices (3) (same as Health 60)

#### Dance Focus Area:

- DANCE 20, World Dance Survey (2)
- DANCE 25, African Dance (2)
- DANCE 29, Middle Eastern/North African Dance (2)
- DANCE 57A, World Dance Performance (3)

### ASIAN STUDIES, DEPARTMENT CERTIFICATE

The Asian Studies Department certificate prepares students for work with Chinese, Japanese, or Korean-speaking populations in the US and abroad. There are four possible areas of emphasis: liberal arts, international business, health sciences, and dance. This certificate is designed to complement an Associate Degree or Certificate of Achievement. Students will analyze and examine the countries and cultures of Asia.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of the cultural and linguistic diversity of East Asia and the differences and commonalities in the world view and systems of China, Japan, or Korea.

PLEASE NOTE: Students must petition the Modern Languages and Cultures department to obtain a Department Certificate in Asian Studies.

Select 1 language track from the choices below:

#### Chinese Language Track: (10 units)

- CHNESE 9, Chinese and Cultural and Tradition (3)

**and**

- Complete a minimum of 7 units from the following:
- CHNESE 3, Intermediate Chinese 1 (5)



CHNESE 4, Intermediate Chinese 2 (5)

CHNESE 8, Conversational Chinese (2)

*Japanese Language Track: (10 units)*

JAPAN 9, Japan: Culture and Civilization (3)

**and**

*Complete a minimum of 7 units from the following:*

JAPAN 3, Intermediate Japanese I (5)

JAPAN 4, Intermediate Japanese II (5)

JAPAN 8, Conversational Japanese (2)

*Korean Language Track: (10 units)*

KOREAN 3, Intermediate Korean I (5)

KOREAN 4, Intermediate Korean II (5)

*Select a minimum of 6 units from ONE Focus Area below:*

*Liberal Arts Focus Area:*

AHIS 17, Arts of Asia-Prehistory to 1900 (3)

ENGL 40, Asian Literature (3)

ENGL 45, Asian Film, Literature, and Society (3)

ENGL 49, Asian Mythology (3)

HIST 24, History of East Asia to 1600 (3)

HIST 25, History of East Asian Since 1600 (3)

HIST 62, Asian American History (3)

PHILOS 22, Asian Philosophy (3)

POL SC 8, The Modern Far East (3)

SOCIOL 32, Asian Americans in Contemporary Society (3)

*International Business Focus Area:*

BUS 50, Introduction to International Business (3)

BUS 51, Intercultural Business Communication (3)

BUS 52, International Marketing (3)

BUS 53, Importing and Exporting (3)

BUS 54, International Management (3)

BUS 55, Southern California's International Connections (3)

*Health Sciences Focus Area (only available to students admitted to the SMC Nursing program):*

NURSNG 10, Nursing Skills (2)

NURSNG 28, Community-Based Nursing Practice (1)

NURSNG 60, Multicultural Health and Healing Practices (2) (*same as Health 60*)

*Dance Focus Area:*

DANCE 20, World Dance Survey (2)

DANCE 21, Asian Pacific Dance Survey (2)

DANCE 57A, World Dance Performance (3)

## LATIN AMERICAN STUDIES, DEPARTMENT CERTIFICATE

This program prepares students for work with Spanish and/or Portuguese-speaking populations in the US and abroad. There are four possible areas of emphasis: liberal arts, international business, health sciences, and dance. This certificate is designed to complement an Associate Degree or Certificate of Achievement. Students will analyze and examine the countries and cultures of Latin America and the Caribbean.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of the cultural and linguistic diversity of Latin America and the Caribbean and the differences and commonalities in their world views and systems.

PLEASE NOTE: Students must petition the Modern Languages and Cultures department to obtain a Department Certificate in Latin American Studies.

*Required Language Courses: (7 units)*

PORTGS 1, Elementary Portuguese 1 (5)

SPAN 3, Intermediate Spanish I (5)

SPAN 4, Intermediate Spanish II (5)

SPAN 8, Conversational Spanish (2)

SPAN 12, Spanish for Native Speakers 2 (5)

*Required Civilization Courses: (3 units)*

SPAN 20, Latin American Civilization (3)

*Select a minimum of 6 units from ONE Focus Area below:*

*Liberal Arts Focus Area:*

ANTHRO 21, Peoples and Power in Latin America (3)

ANTHRO 35 S, Archeological Field Techniques (3)

AHIS 5, Latin American Art History 1 (3)

AHIS 6, Latin American Art History 2 (3)

AHIS 15, Mexican Art History (3)

AHIS 35S, Archeological Field Techniques (3)

ENGL 57, Latin-American Literature (3)

ENGL 58, Literature of Mexico (3)

HIST 5, History of Latin America I (3)

HIST 6, History of Latin America II (3)

HIST 19, History of Mexico (3)

HIST 42, The Latina(o) Experience in the United States (3)

HIST 43, Mexican-American History (3)

SOCIOL 31, Latinas/os in Contemporary Society (3)

*International Business Focus Area:*

BUS 50, Introduction to International Business (3)

BUS 51, Intercultural Business Communication (3)

BUS 52, International Marketing (3)

BUS 53, Importing and Exporting (3)

BUS 54, International Management (3)

BUS 55, Southern California's International Connections (3)

*Health Sciences Focus Area (only available to students admitted to the SMC Nursing program):*

NURSNG 10, Nursing Skills (2)

NURSNG 28, Community-Based Nursing Practice (1)

NURSNG 60, Multicultural Health and Healing Practices (2) (*same as Health 60*)

*Dance Focus Area:*

DANCE 20, World Dance Survey (2)

DANCE 22, Beginning Mexican Dance (2)

DANCE 23, Intermediate Mexican Dance (2)

DANCE 27, Brazilian Dance (2)

DANCE 27B, Intermediate Brazilian Dance (2)

DANCE 57A, World Dance Performance (3)

## Music

Musicians play, arrange, conduct, and compose musical compositions. Most musicians specialize in either popular or classical music, and are either solo artists or a member of a musical group. Composers create and write compositions expressing ideas of feelings in musical form. Performers are often also composers, or lyricists who write the words to songs and work closely with the composer. In addition to performing many musicians teach instrumental music.

The music curriculum provides educational opportunities designed to meet the needs of students who wish to explore as well as increase their knowledge, performance skills and appreciation of music. This is fulfilled through a program inclusive of applied and group music instruction, history, vocal and instrumental ensembles and theory.



Music History is the study of the historical evolution of music as a social and intellectual phenomenon which includes the development of musical instruments and techniques and the analysis and criticism of musical literature. Students study music around the world during different eras including the roots of the music and the political events that inspired them. Careers include musicologists and music teachers.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Music Associate Degree
- Music, Applied Option Associate Degree

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### MUSIC, ASSOCIATE DEGREE

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate conversance in music theory, musicianship, and music history. Students will show proficiency in basic keyboard skills and will demonstrate performance ability as active members of an ensemble.

*Required Courses: (18-21 units)*

MUSIC 1, Fundamentals of Music (3)

*or*

MUSIC 66, Fundamentals of Music and Beginning Piano (5)

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MUSIC 2, Musicianship (2)

MUSIC 3, Musicianship (2)

MUSIC 4, Musicianship (2)

MUSIC 6, Diatonic Harmony (3)

MUSIC 7, Chromatic Harmony (3)

MUSIC 8, Modulation and Analysis (3)

*All students must complete a minimum of 4 units from the following:*

MUSIC 60A, Elementary Piano – First Level (2)

*or*

MUSIC 66, Fundamentals of Music and Beginning Piano (5) [only 2 units apply to piano requirement; student will need to take 2 additional units of piano to fulfill this area]

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MUSIC 60B, Elementary Piano – Second Level (2)

MUSIC 60C, Elementary Piano – Third Level (2)

MUSIC 60D, Elementary Piano – Fourth Level (2)

MUSIC 61A, Intermediate Piano – Fifth Level (2)

MUSIC 69D, Interpretation of 20th Century Piano Music (2)

*All students must complete 8 units of performance ensemble selected from:*

MUSIC 40, Opera Workshop (2)

MUSIC 42, Advanced Opera Production (5)

MUSIC 45, Musical Theatre Workshop (3) (*same as TH ART 45*)

MUSIC 52, Advanced Production – Musical Theatre (5)

MUSIC 53, Jazz Vocal Ensemble (2)

MUSIC 55, Concert Chorale (2)

MUSIC 59, Chamber Choir (2)

MUSIC 64, Piano Ensemble (2)

MUSIC 74, Orchestra (2)

MUSIC 76, Intermediate Brass, Woodwinds and Percussion (2)

MUSIC 77, Wind Ensemble (2)

MUSIC 78, Jazz Ensemble (2)

MUSIC 79A, Jazz Improvisation (2)

MUSIC 81, Introduction to Mariachi Performance (2)

Piano majors may be exempt by examination given by the piano faculty. Students beyond the intermediate/early advanced level in piano may be exempted from this requirement by audition. Certification of the exemption by the Music Department must be filed with the petition for graduation. Students exempted from this requirement receive course credit but do not receive unit credit.

*Select additional units to meet minimum of 39 units from:*

MUSIC 10, Popular Harmony and Arranging (3)

MUSIC 12, Introduction to Music Technology (3)

MUSIC 13, Tonal Counterpoint (3)

MUSIC 15, Lettering (3)

MUSIC 24, Conducting (2)

MUSIC 30, Music History I (3)

MUSIC 31, Music History II (3)

MUSIC 32, Appreciation of Music (3)

MUSIC 33, Jazz in American Culture (3)

MUSIC 34, Survey of Piano Music (3)

MUSIC 35, Women in Music (3)

MUSIC 36, History of Rock Music (3)

MUSIC 37, Music in American Culture (3)

MUSIC 39, History of Opera (3)

MUSIC 40, Opera Workshop (2)

MUSIC 42, Advanced Opera Production (5)

MUSIC 45, Musical Theatre Workshop (3) (*same as TH ART 45*)

MUSIC 50A, Elementary Voice (2)

MUSIC 50B, Intermediate Voice (2)

MUSIC 52, Advanced Production – Musical Theatre (5)

MUSIC 53, Jazz Vocal Ensemble (2)

MUSIC 57, Advanced Vocal Performance Techniques (2)

MUSIC 59, Chamber Choir (2)

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MUSIC 60A, Elementary Piano – First Level (2)

*or*

MUSIC 66, Fundamentals of Music and Beginning Piano (5) [only 2 units apply to piano requirement; student will need to take 2 additional units of piano to fulfill this area]

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MUSIC 60B, Elementary Piano – Second Level (2)

MUSIC 60C, Elementary Piano – Third Level (2)  
 MUSIC 60D, Elementary Piano – Fourth Level (2)  
 MUSIC 61A, Intermediate Piano – Fifth Level (2)  
 MUSIC 61B, Intermediate Piano – Sixth Level (2)  
 MUSIC 63, Sight Reading at Keyboard (2)  
 MUSIC 64, Piano Ensemble (2)  
 MUSIC 65A, Keyboard Improvisation I (2)  
 MUSIC 65B, Keyboard Improvisation II (2)  
 MUSIC 69D, Interpretation of 20th Century Piano Music (2)  
 MUSIC 70A, String Instrument Techniques (2)  
 MUSIC 70B, Intermediate Strings Techniques (2)  
 MUSIC 70C, Advanced String Techniques (2)  
 MUSIC 71, Woodwind Instrument Techniques (2)  
 MUSIC 72, Brass Instrument Techniques (2)  
 MUSIC 73A, Percussion Instrument Techniques (2)  
 MUSIC 73B, Intermediate Percussion ensemble Instrument Techniques (2)  
 MUSIC 74, Orchestra (2)  
 MUSIC 76, Intermediate Brass, Woodwinds and Percussion (2)  
 MUSIC 77, Wind Ensemble (2)  
 MUSIC 78, Jazz Ensemble (2)  
 MUSIC 79A, Jazz Improvisation (2)  
 MUSIC 81, Introduction to Mariachi Performance (2)  
 MUSIC 84A, Popular Guitar, First Level (2)  
 MUSIC 84B, Popular Guitar, Second Level (2)  
 MUSIC 87A, Classical and Flamenco Guitar, First Level (2)  
 MUSIC 87B, Classical and Flamenco Guitar, Second Level (2)  
 MUSIC 92, Applied Music Instruction (2) – four semesters  
 MUSIC 94, Concert Music Class (1) – four semesters

*Recommended Courses:*

MUSIC 30, Music History I (3)  
 MUSIC 31, Music History II (3)

### MUSIC, APPLIED OPTION, ASSOCIATE DEGREE

**Program Learning Outcomes:** Upon completion of the program, students will exhibit mastery of music theory, musicianship, and keyboard skills. Students will show proficiency in their applied music area and will demonstrate performance ability as active members of an ensemble.

*Required Courses: (15 units)*

MUSIC 2, Musicianship (2)  
 MUSIC 3, Musicianship (2)  
 MUSIC 4, Musicianship (2)  
 MUSIC 6, Diatonic Harmony (3)  
 MUSIC 7, Chromatic Harmony (3)  
 MUSIC 8, Modulation and Analysis (3)

*Select 4 units from the following:*

MUSIC 60A, Elementary Piano – First Level (2)  
 MUSIC 60B, Elementary Piano – Second Level (2)  
 MUSIC 60C, Elementary Piano – Third Level (2)  
 MUSIC 60D, Elementary Piano – Fourth Level (2)  
 MUSIC 61A, Intermediate Piano – Fifth Level (2)  
 MUSIC 61B, Intermediate Piano – Sixth Level (2)

Piano majors may be exempt by examination given by the piano faculty. Students beyond the intermediate/early advanced level in piano may be exempted from this requirement by audition. Certification of the exemption by the Music Department must be filed with the petition

for graduation. Students exempted from this requirement receive course credit but do not receive unit credit.

*All students must complete 4 semesters of performance ensemble selected from:*

MUSIC 40, Opera Workshop (2)  
 MUSIC 42, Advanced Opera Production (5)  
 MUSIC 45, Musical Theatre Workshop (3) (*same as Theater Arts 45*)  
 MUSIC 52, Advanced Production – Musical Theatre (5)  
 MUSIC 53, Jazz Vocal Ensemble (2)  
 MUSIC 55, Concert Chorale (2)  
 MUSIC 59, Chamber Choir (2)  
 MUSIC 64, Piano Ensemble (2)  
 MUSIC 74, Orchestra (2)  
 MUSIC 76, Intermediate Brass, Woodwinds and Percussion (2)  
 MUSIC 77, Wind Ensemble (2)  
 MUSIC 78, Jazz Ensemble (2)  
 MUSIC 79A, Jazz Improvisation (2)  
 MUSIC 81, Introduction to Mariachi Performance (2)  
 12 units required:  
 MUSIC 92, Applied Music Instruction (2) – four semesters  
 MUSIC 94, Concert Music Class (1) – four semesters  
 Recommended Courses:  
 MUSIC 30, Music History I (3)  
 MUSIC 31, Music History II (3)  
 MUSIC 69D, Interpretation of 20th Century Piano Music (2)  
 MUSIC 79A, Jazz Improvisation (2)

## Nursing - Registered Nurse

This program prepares students to meet the standards of the California Board of Registered Nursing. The program is approved by the California Board of Registered Nursing and accredited by the Accreditation Commission of Education in Nursing, Inc. Upon completion of the program, graduates receive an Associate in Science degree and are eligible to take the National Council Licensure Examination (NCLEX) to become a Registered Nurse. Students are encouraged to follow a transfer curriculum course of study that will enable transfer to BSN programs.

In order to pursue this LVN-to-ADN Career Ladder Program, a student must have a valid California LVN license, IV Certification, and one year of experience in direct patient care within the past two years.

Students seeking admission to the Nursing program MUST meet the following criteria:

- A cumulative grade point average of 2.7 for all college coursework;
- An overall grade point average of 2.7 for the Human Anatomy, Human Physiology, and Microbiology prerequisite courses, taken in the last 5 years, with no grade less than C for each course, and no more than one repetition/withdrawal in the group of courses;
- College-level English composition class (*minimum 3 semester units*) with a grade no less than C;
- Be in good standing at Santa Monica College (not on academic or lack-of-progress probation);

- Meet the minimum physical qualifications & essential functions (*more information at smc.edu/nursing*);
- Must have negative criminal background check;
- Must take and achieve the required score on an Admission Assessment; **and**
- Must have a valid Social Security Number or a valid Individual Tax Identification Number.

Please visit the Nursing website (*smc.edu/nursing*) for additional application and admission information.

### Programs Offered:

- Transfer Preparation
- Nursing Associate Degree (ADN)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at *assist.org*.

A listing of private, non-profit California colleges and universities can be found online at *aiccu.edu*. For articulation agreements between SMC and some of these institutions see *smc.edu/articulation*.

### NURSING, ASSOCIATE DEGREE (ADN)

**Program Learning Outcomes:** Students who complete the Nursing program will use theoretical concepts of leadership and management to administer and design plans of care that integrate knowledge and skills pertinent to the role of manager of care of a group of patients and members of the health care team. Graduates will also utilize delegation, priority-setting skills, and knowledge of legal-ethical issues and health care delivery systems to design and coordinate a plan of nursing care for a group of patients.

*Prerequisite Courses; MUST be completed PRIOR to applying for admission to the Nursing program: (16 units)*

- ENGL 1, Reading and Composition 1 (3)
- ANATMY 1, General Human Anatomy (4)  
(prerequisite: ENGL 1 **or** equivalent)
- PHYS 3, Human Physiology (4) (prerequisites:  
ANATMY 1 **and** CHEM 10 **or** 19, **or** eligibility for  
CHEM 11)
- MCRBIO 1, Fundamentals of Microbiology (5)  
(prerequisites: CHEM 10 **or** 19, **or** eligibility for  
CHEM 11, **and** PHYS 3 **or** BIOL 3 **or** 21)

The Anatomy, Microbiology, and Physiology courses listed above must be completed no more than 5 years prior to application to the Nursing program.

Once the above prerequisites are completed, students may meet with the Nursing counselors to apply for admission into the Nursing program.

*Required Courses; enrollment in the courses below (except NURSNG 17) is limited to students already admitted to the Nursing program: (40 units)*

- NURSNG 10, Nursing Skills (2)

- NURSNG 10L, Nursing Skills Laboratory (2)
- NURSNG 15, Nursing Fundamentals (2)
- NURSNG 15L, Nursing Fundamentals Laboratory (2)
- NURSNG 16, Physical Assessment (1)
- NURSNG 17, Pharmacological Aspects of Nursing (3)
- NURSNG 20, Introduction to Medical-Surgical Nursing (2)
- NURSNG 20L, Introduction to Medical-Surgical Nursing Laboratory (2)
- NURSNG 25, Psychiatric-Mental Health Nursing 1 (1.5)
- NURSNG 25L, Psychiatric-Mental Health Nursing Laboratory 1 (1.5)
- NURSNG 28, Community-Based Nursing Practice (1)
- NURSNG 30, Intermediate Medical-Surgical Nursing (2.5)
- NURSNG 30L, Intermediate Medical-Surgical Nursing Laboratory 2 (2.5)
- NURSNG 35, Advanced Medical-Surgical Nursing 2 (2.5)
- NURSNG 35L, Advanced Medical-Surgical Nursing Laboratory 2 (2.5)
- NURSNG 36, Calculations in Drugs and Solutions (1)
- NURSNG 40, Nursing of Children (1.5)
- NURSNG 40L, Nursing of Children Laboratory 1 (1.5)
- NURSNG 45, Women's Health Care 1 (1.5)
- NURSNG 45L, Women's Health Care Laboratory 1 (1.5)
- NURSNG 50, Professional Role Transition (1)
- NURSNG 50L, Professional Role Transition Laboratory (2)

*NOTE: NURSNG 17 and 36 may be taken PRIOR to being admitted to the Nursing program.*

*Required Humanities: (3 units)*

The Humanities courses listed in the Global Citizenship Graduation Requirement area double count as a Humanities/Global Citizenship course.  
Required Supporting Discipline Courses: (9 units)  
COM ST 11, Elements of Public Speaking (3) (*may apply if completed Summer 2013 or later*)

**or**

COM ST 35, Interpersonal Communication (3)

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PSYCH 19, Lifespan Human Development (3)

SOCIOL 1, Introduction (3)

*Required Social Science Course; select 1 of the following courses: (3 units)*

ECON 15, Economic History of the US (3) (*same as HIST 15*)

ENVRN 14, US Environmental History (3) (*same as HIST 14*)

HIST 10, Ethnicity and American Culture (3)

HIST 11, History of the United States Through Reconstruction (3)

HIST 12, History of the United States Since Reconstruction (3)

HIST 14, US Environmental History (3) (*same as ENVRN 14*)

HIST 15, Economic History of the United States (3) (*same as ECON 15*)

HIST 45, United States Cultural History Honors Colloquium (3)

HIST 46, United States Cultural History Seminar (3)

POL SC 1, National and California Government (3)



*NOTE: HIST 10 or HIST 14 highly recommended as they also satisfy SMC's Global Citizenship Graduation Requirement.*

*General Education Rationality Requirement; select 1 option from the following:*

*OPTION 1: (3 units minimum)*

MATH 2, 3, 4, 7, 8, 10 (formerly same as CS 10), 11, 13, 15, 18, 20, 21, 26, 28, 29, 32, 41, 49, 50, 54

*OPTION 2: (3 units minimum)*

**Students who enrolled at Santa Monica College Fall 2007 or later OR who enrolled prior to Fall 2007 but have NOT maintained continuous enrollment\* must:** Successfully pass the Math Proficiency Test OR complete the Santa Monica College math assessment and place into MATH 18, 20, 32, or higher, AND complete one of the following courses: ACCTG 1, 2; COM ST 21 (formerly Speech 11), 31; any 3-unit Computer Science course (except CS 88C or 90C); HIST 47; PHILOS 7, 9; PSYCH 7; SOCIOL 4

\*Continuous enrollment is defined as enrollment in each Fall and Spring semester until graduation.

*Global Citizenship Graduation Requirement:*

While any 3 units designated to satisfy SMC's Global Citizenship Graduation Requirement may be used, it is HIGHLY RECOMMENDED that students select one of the courses below, as it would also satisfy another required general education area:

Humanities: AHIS 6, 11, 72; COM ST 14; DANCE 2; ENGL 9, 10, 49; ENVRN 20; FILM 7; LING 1; MUSIC 33, 36, 37; PHILOS 20; PORTGS 1

Social Science: ENVRN 14; HIST 10, 14

## **LVN TO ADN, CAREER LADDER CURRICULUM OPTION – (FOR LVNS ONLY)**

*Prerequisite Courses; MUST be completed PRIOR to applying for admission to the Nursing program: (18 units)*

ENGL 1, Reading and Composition 1 (3)

ANATMY 1, General Human Anatomy (4)

(prerequisite: ENGL 1 or equivalent)

PHYS 3, Human Physiology (4) (prerequisites:

ANATMY 1 and CHEM 10 or 19 or eligibility for CHEM 11)

MCRBIO 1, Fundamentals of Microbiology (5)

(prerequisites: CHEM 10 or 19 or eligibility for CHEM 11, and PHYS 3 or BIOL 3 or 21)

NURSNG 19, Orientation to Advanced Placement – ADN program (2)

The Anatomy, Microbiology, and Physiology courses listed above must be completed no more than 5 years prior to application to the Nursing program. Additional requirements include Vocational License and at least 2 years of nursing core experience.

Once the above prerequisites are completed, students may meet with the Nursing counselors to apply for admission into the Nursing program.

Required Courses: enrollment in the courses below (except NURSNG 17) is limited to students already admitted to the Nursing program: (40 units)

NURSNG 16, Physical Assessment (1)\*\*

NURSNG 17, Pharmacological Aspects of Nursing (3)

NURSNG 25, Psychiatric Mental Health Nursing (1.5)

NURSNG 25L, Psychiatric Mental Health Nursing Laboratory (1.5)

NURSNG 28, Community-Based Nursing Practice (1)\*\*

NURSNG 30, Intermediate Medical-Surgical Nursing (2.5)

NURSNG 30L, Intermediate Medical-Surgical Nursing Laboratory (2.5)

NURSNG 35, Advanced Medical-Surgical Nursing 2 (2.5)

NURSNG 35L, Advanced Medical-Surgical Nursing Laboratory 2 (2.5)

NURSNG 40, Nursing of Children (1.5)

NURSNG 40L, Nursing of Children Laboratory 1 (1.5)

NURSNG 45, Women's Health Care 1 (1.5)

NURSNG 45L, Women's Health Care Laboratory 1 (1.5)

NURSNG 50, Professional Role Transition (1)

NURSNG 50L, Professional Role Transition Laboratory (2)

*NOTE: NURSNG 17 is a prerequisite for NURSNG 30/30L.*

*Required Supporting Discipline Courses: (9 units)*

COM ST 11, Elements of Public Speaking (3) (may apply if completed Summer 2013 or later)

or

COM ST 35, Interpersonal Communication (3)

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PSYCH 19, Lifespan Human Development (3)

SOCIOL 1, Introduction (3)

*Required Social Science Course; select 1 of the following courses: (3 units)*

ECON 15, Economic History of the US (3) (same as History 15)

ENVRN 14, US Environmental History (3) (same as HIST 14)

HIST 10, Ethnicity and American Culture (3)

HIST 11, History of the United States Through Reconstruction (3)

HIST 12, History of the United States Since Reconstruction (3)

HIST 14, US Environmental History (3) (same as ENVRN 14)

HIST 15, Economic History of the United States (3) (same as ECON 15)

HIST 45, United States Cultural History Honors Colloquium (3)

HIST 46, United States Cultural History Seminar (3)

POL SC 1, National and California Government (3)

*NOTE: HIST 10 or HIST 14 highly recommended as they also satisfy SMC's Global Citizenship Graduation Requirement.*

*General Education Rationality Requirement; select 1 option from the following:*

*OPTION 1: (3 units minimum)*

MATH 2, 3, 4, 7, 8, 10 (formerly same as CS 10), 11, 13, 15, 18, 20, 21, 26, 28, 29, 32, 41, 49, 50, 54

*OPTION 2: (3 units minimum)*

**Students who enrolled at Santa Monica College Fall 2007 or later OR who enrolled prior to Fall 2007 but have NOT maintained continuous enrollment\* must:** Successfully pass the Math Proficiency Test OR complete the Santa Monica College math assessment and place into MATH 18, 20, 32, or higher, AND complete one of the following courses: ACCTG 1, 2; COM ST 21 (formerly Speech



11), COM ST 31; any 3-unit Computer Science course (except CS 88C or 90C); HIST 47; PHILOS 7, 9; PSYCH 7; SOCIOL 4

*\*Continuous enrollment is defined as enrollment in each Fall and Spring semester until graduation.*

**Global Citizenship Graduation Requirement:**

While any 3 units designated to satisfy SMC's Global Citizenship Graduation Requirement may be used, it is HIGHLY RECOMMENDED that students select one of the courses below, as it would also satisfy another required general education area:

Humanities: AHIS 6, 11, 72; COM ST 14; DANCE 2; ENGL 9, 10, 49; ENVRN 20; FILM 7; LING 1; MUSIC 33, 36, 37; PHILOS 20; PORTGS 1  
Social Science: ENVRN 14; HIST 10, 14

### **CURRICULUM 30-UNIT OPTION – NO ASSOCIATE DEGREE; OPTION OPEN TO LVNS ONLY**

It is possible for an LVN to become eligible to take the RN license exam without having earned the Associate degree.

**Requirements are:**

- Meeting admission requirements for the Nursing program; minimum physical qualifications; completion of all required courses listed below; **and**
- Licensure in California as a vocational nurse in good standing with the Board of Vocational Nursing and Psychiatric Technician and at least one year of direct nursing experience within the past two years, preferably in an acute care setting.

*Persons interested in this curriculum option are advised that:*

1. There are out-of-California licensure limitations;
2. There may be employment limitations; **and**
3. No degree is granted.

**Pre-Preparation:**

CHEM 10

**or**

eligibility for CHEM 11

**Prerequisite Courses (must be completed with a grade of C or higher): 11 units**

MCRBIO 1, Introduction to Microbiology (5)  
(prerequisites: CHEM 10 **or** 19, **or** eligibility for CHEM 11, **and** PHYS 3 **or** BIOL 3 **or** 21)

NURSNG 19, Orientation for Advanced Placement in ADN Program (2)

PHYS 3, Human Physiology (4) (prerequisites: ANATMY 1 **and** CHEM 10 **or** 19, **or** eligibility for CHEM 11)

**NOTE:** Nursing Theory courses have a corresponding Clinical (laboratory) component that must be taken concurrently.

**LEVEL 3: Required Nursing Courses (must be completed with a grade of C or higher): (10 units)**

NURSNG 16, Physical Assessment (1)

NURSNG 25, Psychiatric Mental Health Nursing (1.5)

NURSNG 25L, Psychiatric Mental Health Nursing Laboratory (1.5)

NURSNG 28, Community Based Nursing (1)

NURSNG 35, Advanced Medical/Surgical Nursing (2.5)

NURSNG 35L, Advanced Medical/Surgical Nursing (2.5)

**NOTE:** NURSNG 16, NURSNG 25L, **and** NURSNG 28 must be taken concurrently with NURSNG 25.

**LEVEL 4: Required Nursing Courses (must be completed with a grade of C or higher): (9 units)**

NURSNG 40, Nursing of Children (1.5)

NURSNG 40L, Nursing of Children Laboratory (1.5)

NURSNG 45, Women's Health (1.5)

NURSNG 45L, Women's Health Laboratory (1.5)

NURSNG 50, Professional Role Transition (1)

NURSNG 50L, Professional Role Transition Laboratory (2)

### **Global Citizenship Requirement**

Students who entered Santa Monica College prior to Fall 1998 are exempt from this requirement only if continuous enrollment has been maintained. (*Continuous enrollment is defined as enrolling in each Fall and Spring semester until graduation.*)

### **ASSOCIATE DEGREE for RN with No College Credit**

A Registered Nurse, who has trained in a hospital where no college credit is granted for such training and who holds a current California Registered Nurse license, may receive 30 units of credit in Nursing toward an Associate degree at Santa Monica College. A Petition for Graduation can be made when at least 30 units, including all graduation requirements, have been completed or are in the process of being completed.

## **Nutrition and Dietetics**

A program that prepares individuals to integrate and apply the principles of the food and nutrition sciences, human behavior, and the biomedical sciences to design and manage effective nutrition programs, and utilize food for human growth in a variety of settings including health care organizations, food service operations, business and industry (product development, marketing, consulting), education and research, health promotion, and private practice counseling. Careers include: Nutritionist, Nutrition Educator, Weight Loss Counselor, Diet Technician, Food Services Manager, Patient Services Manager, Dietician, Pediatric Dietician, Nutrition Researcher, Sports and Cardiac Rehabilitation Dietician, Nutrition Consultant, Diabetes Educator, and many others.

The Associate degree track may be completed in two years and consists of a core of liberal arts, nutrition and science courses. The support courses in the curriculum pattern allow the student to explore special interests that are related to their personal/professional goals/interests.

### **Programs Offered:**

- Transfer Preparation
- Nutrition and Dietetics Associate Degree for Transfer

### **TRANSFER PREPARATION**

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation

agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

## University of California

SMC offers the **Nutrition and Dietetics Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Nutrition and Dietetics AS-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adt-search/search.shtml](http://calstate.edu/transfer/adt-search/search.shtml)

- Chico: Nutrition and Food Sciences – Food and Nutrition Communication, BS
- Chico: Nutrition and Food Sciences – General Dietetics, BS
- Chico: Nutrition and Food Sciences – Nutrition Management, BS
- Long Beach: Dietetics and Food Administration – Nutrition and Dietetics, BS
- Sacramento: Family and Consumer Sciences – Nutrition and Food, BS
- San Jose: Humanities – Liberal Arts, BA
- San Jose: Nutritional Science – Nutritional Science, BS
- Stanislaus: Kinesiology – Exercise Science, BA

## NUTRITION AND DIETETICS, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Science in Nutrition and Dietetics for Transfer (AS-T) involves the understanding of nutrient metabolism and the relationship to optimal health including prevention of degenerative diseases. The course of study provides an integrated curriculum of nutrition coursework along with a solid background in the human body, chemical function and metabolism of nutrients, and the sociological implications of food and behavior. Throughout the degree students will acquire and develop knowledge and skills that will provide a solid background in nutrition so that students can make informed decisions on their personal health.

Upon completion of the Associate in Science in Nutrition and Dietetics for Transfer (AS-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower division requirements for transfer into a Nutrition and Dietetics program for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate a comprehensive knowledge of the relationship of nutrients and lifestyle factors and the associated risk of degenerative diseases. Students will demonstrate knowledge of physiological processes such as digestion, absorption, transport and metabolism of nutrients. Students will also be able to recognize and separate scientifically supported information from misinformation, and identify ways in which social factors influence food related choices, practices and beliefs.

*Required Core Courses:*

- NUTR 1, Introduction to Nutrition Science (3)
- CHEM 11, General Chemistry I (5)
- MCRBIO 1, Fundamentals of Microbiology (5)
- PSYCH 1, General Psychology (3)

*LIST A: Select any two (2) courses from the list below (8 units minimum):*

- ANATMY 1, Human Anatomy (4)
- CHEM 21, Organic Chemistry I (5)
- MATH 54, Elementary Statistics (4)

*LIST B (minimum of 3 units): Any course from List A not used above or one of the following:*

- NUTR 3, Introduction to the Dietetics Profession (1)
- NUTR 7, Food and Culture in America (3)
- NUTR 8, Principles of Food with Lab (3)
- ACCTG 2, Corporate Financial and Managerial Accounting (5)
- ANTHRO 2, Cultural Anthropology (3)
- BIOL 3, Fundamentals of Biology (4)
- BIOL 21, Cell Biology and Evolution (4)
- BIOL 22, Genetics and Molecular Biology (4)
- BIOL 23, Organismal and Environmental Biology (5)
- BUS 5, Business Law (3)
- BUS 6, Advanced Business Law (3) (*same as ACCTG 26*)
- CHEM 10, Introductory General Chemistry (5)
- CHEM 12, General Chemistry II (5)
- CHEM 22, Organic Chemistry II (4)
- CHEM 24, Organic Chemistry II Laboratory (2)
- CHEM 31, Biochemistry I (5)
- COM ST 11, Elements of Public Speaking (3)
- COM ST 21, Argumentation (3)
- CIS 4, Business Information Systems with Applications (3)
- ECON 1, Principles of Microeconomics (3)
- ECON 2, Principles of Macroeconomics (3)
- ENGL 1, Reading and Composition 1 (3)
- ENGL 2, Critical Analysis and Intermediate Composition (3)
- ENGL 31, Advanced Composition (3)
- HEALTH 10, Fundamentals of Healthful Living (3)
- HIST 47, The Practice of History (3)
- JOURN 1, The News (3)
- MATH 2, Precalculus (5)
- MATH 7, Calculus 1 (5)
- MATH 8, Calculus 2 (5)
- MATH 28, Calculus 1 for Business and Social Science (5)
- MEDIA 1, Survey of Mass Media Communications (3)
- PHYSICS 6, General Physics 1 with Lab (4)
- PHYSICS 7, General Physics 2 with Lab (4)
- PHYSICS 8, Calculus-based General Physics 1 with Lab (4)

- PHYSICS 9, Calculus-based General Physics 2 with Lab (4)  
 POL SC 1, National and California Government (3)  
 PSYCH 19, Lifespan Human Development (3)  
 SOCIOL 1, Introduction to Sociology (3)  
 SOCIOL 1s, Introduction to Sociology – Service Learning (3)

## Office Technology

Office workers are responsible for a variety of administrative and clerical duties necessary to run and maintain organizations efficiently. They use a variety of software, produce correspondence, maintain databases, manage projects, as well as organize meetings, manage records, and schedule appointments. Office workers find employment in a variety of settings, such as corporations, government agencies, schools, and hospitals. Some related job titles include office assistant, administrative assistant, executive assistant, and data entry/clerical.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- General Office Associate Degree
- Legal Administrative Assistant Associate Degree
- Medical Administrative Assistant Associate Degree
- Medical Coding and Billing Specialist Associate Degree
- General Office Certificate of Achievement (27 units)
- Legal Administrative Assistant Certificate of Achievement (27 units)
- Medical Administrative Assistant Certificate of Achievement (33 units)
- Medical Coding and Billing Specialist Certificate of Achievement (36 units)
- Clerical/Data Entry Department Certificate (12 units)
- Electronic Medical Records Clerk Department Certificate (9 units)
- Hospital Inpatient Coder Department Certificate (9 units)
- Medical Billing/Coding Department Certificate (15 units)
- Medical Records Clerk/Receptionist Department Certificate (15 units)
- Medical Transcription Department Certificate (15 units)
- Word Processing Department Certificate (12 units)

### GENERAL OFFICE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program provides training in common skills used in the business office: keyboarding, computer applications, English, accounting, and business communications. General office workers obtain employment in many environments: corporate settings, government facilities, schools, and hospitals. Related job titles include administrative assistant, executive assistant, executive secretary, office assistant, and secretary. After gaining some work experience or specialized skills, many workers transfer to jobs with higher pay or greater advancement potential.

**Program Learning Outcomes:** Using skills in Microsoft Office software, keyboarding, and English language principles, the student will create and revise commonly used business documents. Given transaction data, the student will perform basic bookkeeping/accounting tasks, such as classifying, recording, and preparing financial documents.

*Required Courses: (24 units)*

ACCTG 1, Introduction to Financial Accounting (5)

*or*

ACCTG 21, Business Bookkeeping (3)

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BUS 32, Business Communication (3)

CIS 1, Computer Concepts with Applications (3)

CIS 4, Business Information Systems with Applications (3)

CIS 30, Microsoft Excel (3)

CIS 37, Microsoft Word (3)

CIS 39, MS Outlook – Comprehensive Course (3)

OFTECH 5, English Skills for the Office (3)

*Select 3 units from the following:*

OFTECH 1, Keyboarding I (3)

OFTECH 1A, Keyboarding 1A (1)

OFTECH 1B, Keyboarding 1B (1)

OFTECH 1C, Keyboarding 1C (1)

OFTECH 9, Keyboarding Improvement (1)

OFTECH 10, Skill Building on the Keyboard (3)

Additional general education and graduation requirements for the Associate degree from Santa Monica College are listed in the Academics section of this catalog, as well as online ([go to smc.edu/articulation](http://go.to.smc.edu/articulation)).

### LEGAL ADMINISTRATIVE ASSISTANT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Legal administrative assistants perform the administrative tasks in a law office, such as answering the telephone, managing files, preparing law office correspondence and legal documents, and maintaining the calendar. Legal administrative assistants are in great demand. Qualified legal administrative assistants who have strong skills can find lucrative opportunities with law firms and corporate legal departments, government agencies, and a variety of business and industries—such as banks, insurance companies, investment firms, and real estate companies. This program prepares students to pursue employment as a legal administrative assistant. Training is provided in legal terminology, law office procedures, legal research, computer technology, machine transcription and document preparation, keyboarding, and written and verbal communication.

**Program Learning Outcomes:** Upon completion of the program, using transcription equipment, word processing software, and legal terminology skills, students will prepare legal documents that represent correct format, spelling, punctuation, capitalization, and number usage. Applying knowledge of law office procedures, students will demonstrate skills in workplace telecommunications, office and court calendaring, billing procedures, and filing systems.

*Required Courses: (24 units)*

BUS 5, Business Law (3)

CIS 4, Business Information Systems with Applications (3)



CIS 30, Microsoft Excel (3) (formerly CIS 31)  
 CIS 37, Microsoft Word (3)  
 CIS 39, MS Outlook – Comprehensive Course (3)  
 OFTECH 5, English Skills for the Office (3)  
 OFTECH 30, Legal Office Procedures (3)  
 OFTECH 31, Legal Terms and Transcription (3)

Select 3 units from the following:

OFTECH 1, Keyboarding I (3)  
 OFTECH 1A, Keyboarding 1A (1)  
 OFTECH 1B, Keyboarding 1B (1)  
 OFTECH 1C, Keyboarding 1C (1)  
 OFTECH 9, Keyboarding Improvement (1)  
 OFTECH 10, Skill Building on the Keyboard (3)

### **MEDICAL ADMINISTRATIVE ASSISTANT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

This program prepares students for employment in a medical environment. Students develop skills and knowledge to perform a variety of duties to aid in the efficient workflow and operations of a medical related facility. Coursework indicates medical terminology, computer technology, medical law and ethics, and “front office” tasks — such as patient scheduling, reception, coding and billing, transcription, and records management.

**Program Learning Outcomes:** Upon completion of the program, using knowledge of front office tasks, students will use appropriate procedures related to reception, telephone communications, and records management. Applying computer technology skills, medical terminology skills, and language skills, students will prepare correspondence, produce medical transcripts, and perform tasks related to patient coding and billing.

*Required Courses: (30 units)*

CIS 4, Business Information Systems with Applications (3)  
 CIS 37, Microsoft Word (3)  
 CIS 39, MS Outlook – Comprehensive Course (3)  
 OFTECH 5, English Skills for the Office (3)  
 OFTECH 20, Medical Vocabulary (3)  
 OFTECH 21, Medical Terms and Transcription 1 (3)  
 OFTECH 23, Medical Billing (Medisoft) (3)  
 OFTECH 24, Medical Coding/Billing 1 (3)  
 OFTECH 27, Medical Office Procedures (3)  
 OFTECH 28, Electronic Health Records (3)

Select 3 units from the following:

OFTECH 1, Keyboarding I (3)  
 OFTECH 1A, Keyboarding 1A (1)  
 OFTECH 1B, Keyboarding 1B (1)  
 OFTECH 1C, Keyboarding 1C (1)  
 OFTECH 9, Keyboarding Improvement (1)  
 OFTECH 10, Skill Building on the Keyboard (3)

### **MEDICAL CODING AND BILLING SPECIALIST, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT**

Medical Coding and Billing Specialists are primarily responsible for submitting documentation of patient medical care to insurance companies. Duties include billing insurance companies and patients; collecting payment for services; and documenting tests, treatments, and procedures, using correct medical terminology—referred to as “coding.” This

program provides the training that is required to perform these duties.

**Program Learning Outcomes:** Upon completion of this program, applying knowledge of diagnostic and procedural codes, students will review patients’ medical records and assign appropriate codes for reimbursement and billing purposes. Using a computerized patient billing system, students will enter patient and case information, process transactions and claims, create statements, and produce reports.

*Required Courses: (33 units)*

ANATMY 1, General Human Anatomy (4)

or

BIOL 2, Human Biology (3)

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CIS 4, Business Information Systems with Applications (3)

CIS 30, Microsoft Excel (3) (formerly CIS 31)

OFTECH 5, English Skills for the Office (3)

OFTECH 20, Medical Vocabulary (3)

OFTECH 23, Medical Billing (Medisoft) (3)

OFTECH 24, Medical Coding/Billing 1 (3)

OFTECH 25, Medical Coding/Billing 2 (3)

OFTECH 26, Medical Coding/Billing 3 (3)

OFTECH 27, Medical Office Procedures (3)

OFTECH 28, Electronic Health Records (3)

Select 3 units from the following:

OFTECH 1, Keyboarding I (3)  
 OFTECH 1A, Keyboarding 1A (1)  
 OFTECH 1B, Keyboarding 1B (1)  
 OFTECH 1C, Keyboarding 1C (1)  
 OFTECH 9, Keyboarding Improvement (1)  
 OFTECH 10, Skill Building on the Keyboard (3)

### **CLERICAL/DATA ENTRY, DEPARTMENT CERTIFICATE**

Organizations need to process a rapidly growing amount of information. Data entry workers help ensure the efficient handling of information processing. Duties include inputting data into computers and performing editing, proofreading, and clerical tasks. This certificate program provides training in the essential skills to carry out these tasks. Job opportunities exist in part-time, full-time, and work-at-home positions. Data entry workers are known by various job titles, such as data entry clerk, data entry operator, data entry specialist, and clerk. Data entry jobs frequently serve as stepping stones to higher paying positions with increased responsibilities.

**Program Learning Outcomes:** Using source materials, the student will use Microsoft Word, Excel, Access, and PowerPoint software to input data. Applying knowledge of grammar, punctuation, vocabulary, and spelling principles, the student will proofread and correct data input.

*Required Courses: (9 units)*

CIS 4, Business Information Systems with Applications (3)

CIS 37, Microsoft Word (3)

OFTECH 5, English Skills for the Office (3)

Select 3 units from the following:

OFTECH 1, Keyboarding I (3)  
 OFTECH 1A, Keyboarding 1A (1)  
 OFTECH 1B, Keyboarding 1B (1)



- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

### **ELECTRONIC MEDICAL RECORDS CLERK, DEPARTMENT CERTIFICATE**

This program prepares students for entry-level clerical positions involving Electronic Health Records. Training is provided in computer basics, medical terminology, and electronic records technology. EHR clerks work in hospitals, physicians' offices, and nursing homes—typically under the direction of a manager or supervisor.

**Program Learning Outcomes:** Upon completion of the program, students will be able to capture and store patient data into an EHR (Electronic Health Records) system. Using EHR software, students will document patient encounters and process physician orders in an electronic system.

*Required Courses: (9 units)*

- CIS 4, Business Information Systems with Applications (3)
- OFTECH 20, Medical Vocabulary (3)
- OFTECH 28, Electronic Health Records (3)

### **HOSPITAL INPATIENT CODER, DEPARTMENT CERTIFICATE**

Coding is the transformation of healthcare diagnoses, procedures, medical services, and equipment into universal medical alphanumeric codes for statistical reporting and reimbursement purposes. A Hospital Inpatient Coder reviews and codes information for patients who stay at least overnight in a hospital facility. This certificate program provides training in medical terminology, inpatient coding, and billing, reimbursement, and collection procedures.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate knowledge of medical terminology and correctly code inpatient facility services and diagnoses. Using knowledge of billing principles, students will demonstrate an understanding of billing, reimbursement, and collection procedures.

*Required Courses: (9 units)*

- OFTECH 20, Medical Vocabulary (3)
- OFTECH 25, Medical Coding/Billing 2 (3)
- OFTECH 26, Medical Coding/Billing 3 (3)

### **MEDICAL BILLING/CODING, DEPARTMENT CERTIFICATE**

Medical Billing/Coding workers are primarily responsible for submitting documentation of patient medical care to insurance companies. Duties include billing insurance companies and patients; collecting payment for services; and documenting tests, treatments and procedures, using correct medical terminology – referred to as “coding”. The Medical Billing/Coding Certificate program provides the training that is required to perform these duties. Employment outlook for medical billing/coding workers is expected to grow much faster than the average for all occupations through 2012, due to rapid growth in the number of medical tests, treatments, and procedures that will be increasing scrutinized by third-party payers, regulators, courts, and consumers.

**Program Learning Outcomes:** Applying knowledge of diagnostic and procedural codes, the student will review patients' medical records and assign appropriate codes for reimbursement and billing purposes. Using a computerized patient billing system, the student will enter patient and case information, process transactions and claims, create statements, and produce reports.

*Required Courses: (12 units)*

- CIS 30, Microsoft Excel (3) (formerly CIS 31)
- OFTECH 20, Medical Vocabulary (3)
- OFTECH 23, Medical Billing (Medisoft) (3)
- OFTECH 24, Medical Coding/Billing 1 (3)

*Select 3 units from the following:*

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

### **MEDICAL RECORDS CLERK/RECEPTIONIST, DEPARTMENT CERTIFICATE**

Employment of medical records technicians is expected to increase by 18 percent through 2016—faster than the average for all occupations, according to the U.S. Department of Labor. The Medical Records Clerk/Receptionist certificate is ideal for students who want to learn the basic skills needed to become employed in a healthcare setting. This certificate prepares students for entry-level records management/receptionists' positions in hospitals, nursing homes, physician offices, and service agencies. Coursework includes training in storing, retrieving, and maintaining medical records; front desk procedures; medical vocabulary; computer technology; keyboarding; and written and verbal communications. With experience and additional education, medical records clerk/receptionists may advance to senior clerks, registered health information technicians (RHITs) registered health information administrators (RHIA's), consultants, and educators.

**Program Learning Outcomes:** Upon completion of this program, using knowledge of recordkeeping systems, students will organize and retrieve patient records using alphabetic, numeric, and color-coded systems. Applying knowledge of front desk procedures, students will demonstrate knowledge of appropriate telephone skills and face-to-face communications.

*Required Courses: (12 units)*

- CIS 4, Business Information Systems with Applications (3)
- OFTECH 5, English Skills for the Office (3)
- OFTECH 20, Medical Vocabulary (3)
- OFTECH 27, Medical Office Procedures (3)

*Select 3 units from the following:*

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

## MEDICAL TRANSCRIPTION, DEPARTMENT CERTIFICATE

This program prepares students to listen to dictated recordings made by physicians and other healthcare professionals and transcribe them into medical reports, correspondences, and other administrative material. Medical transcription is a particularly flexible career that easily lends itself to many different work styles. Medical transcriptionists work in hospitals, physicians' offices, transcription service offices, clinics, laboratories, and at home. According to the US Department of Labor, employment of medical transcriptionists is projected to grow 21-35 per cent through 2012. With experience, medical transcriptionists can advance to supervisory positions, home-based work, editing, or consulting.

**Program Learning Outcomes:** Using transcription equipment and word processing software, the student will prepare medical documents that represent correct format, spelling, capitalization, number usage, punctuation, abbreviations, symbols, and metric measurement rules. In the preparation of medical documents, the student will use a variety of reference resources.

*Required Courses: (12 units)*

- OFTECH 5, English Skills for the Office (3)
- OFTECH 20, Medical Vocabulary (3)
- OFTECH 21, Medical Terms & Transcription I (3)
- OFTECH 22, Medical Terms & Transcription II (3)

*Select 3 units of the following:*

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

## WORD PROCESSING, DEPARTMENT CERTIFICATE

This program prepares students for both entry-level and advanced word processing positions in a variety of office settings. It also serves as a foundation for specialization in fields such as legal transcription and desktop publishing. The Word Processing Certificate includes courses in rapid and accurate keyboarding, document editing and formatting, advanced word processing techniques, English skills for the office, and an overview of the Microsoft Office Suite.

**Program Learning Outcomes:** Upon completion of this program, when given a hard copy of a document with complex formatting, the student will be able to recreate the document in Microsoft Word and will create mail merge documents and templates.

*Required Courses: (9 units)*

- CIS 4, Business Information Systems with Applications (3)
- OFTECH 5, English Skills for the Office (3)
- CIS 37, Microsoft Word (3)

*Select 3 units from the following:*

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)

*Transfer and program requirements are subject to change. For the most up-to-date information regarding transfer preparation visit [assist.org](http://assist.org) and regarding degree and certificate requirements visit [smc.edu/articulation](http://smc.edu/articulation).*

- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

## Persian

*See Modern Languages*

## Philosophy

Programs in philosophy are designed to develop the reasoning skills needed to understand and evaluate beliefs about man, society, reality, knowledge, truth, values, etc. Skills in thinking and problem solving, research, writing, criticism, and analysis are emphasized. Philosophy programs provide a background for fields such as law, theology, journalism, business, or public service. Some students earn graduate degrees to become college philosophy teachers.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Related Program: Liberal Arts -- Arts and Humanities

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system has a transfer pathway** for any UC campus that offers Philosophy. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

## Photography

The Photography program teaches the dynamics of visual communication to illustrate ideas, record events, articulate stories, express moods, sell products, and interpret a person's character. Courses stress technical knowledge, proficiency in camera control, digital and analog capture methods, artificial light control, and image manipulation. This program prepares students for careers in photography-related genres, including advertising photography, food photography, architectural photography, editorial photography, portrait photography, fashion photography, and photojournalism.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

High school students in the 11th and 12th grades may begin this program concurrently with their high school program if approved by the high school principal.

Information regarding the Photography program is available on the Photography Department's website ([www2.smc.edu/photo](http://www2.smc.edu/photo)) and by calling the Photography Department at (310) 434-3547.

### Programs Offered:

- Transfer Preparation
- Photography Associate Degree
- Photography Certificate of Achievement (40 units)

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### PHOTOGRAPHY, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Students completing the program in Photography will analyze and assess photographic situations and solve technical problems and creative challenges as they arise in a photographic production. Students will design and construct photographic images that can communicate ideas or narratives effectively for commercial, editorial, or fine art purposes. Graduates will also have the knowledge and skills pertinent to the successful operation of a freelance photography business and sound business practices in the trade.

*Required Courses: (32 units)*

- PHOTO 1, Introduction to Photography (3)
- PHOTO 2, Basic Photography Lab Techniques (2)
- PHOTO 5, Digital Asset Management, Modification, & Output (3)
- PHOTO 30, Techniques of Lighting: Introduction (4)
- 
- PHOTO 31, Introduction: Photographing People 1 (4)
- or**
- PHOTO 32, Photographing People: Advanced (4)
- 
- PHOTO 33, Techniques of Lighting: Products (4)
- PHOTO 39, Beginning Photoshop (3)
- PHOTO 43, Portfolio Development (3)
- PHOTO 52, History of Photography (3) (*same as AHIS 52*)
- PHOTO 60, Business Practices in Photography (3)

**AREA A: Restricted Photography Electives; Select any one of the following courses listed below: (5 units) [Please note that no more than 2 units of Independent Study (PHOTO 88A-88C) and no more than 3 units of Internship (PHOTO 90A-90D) may be used to satisfy completion of this area.]**

- GR DES 31, Graphic Design Studio (2)
- PHOTO 7, Advanced Portfolio Development (3)
- PHOTO 13, News Photography (3)
- PHOTO 14, Photography for Publication (3)
- PHOTO 21, Alternative Printing (3)
- PHOTO 29, Video Production for Still Photographers (3)
- PHOTO 31, Introduction: Photographing People 1 (4)
- PHOTO 32, Photographing People: Advanced (4)
- PHOTO 37, Advanced Black and White Printing (3)
- PHOTO 40, Digital Capture (3)
- PHOTO 42, Advanced Photoshop (3)
- PHOTO 50, Basic Color Printing (3)
- PHOTO 64, Community Documentary Photography (4)
- PHOTO 88A, Independent Studies in Photography (1)
- PHOTO 88B, Independent Studies in Photography (2)
- PHOTO 88C, Independent Studies in Photography (3)
- PHOTO 90A, Internship in Photography (1)
- PHOTO 90B, Internship in Photography (2)
- PHOTO 90C, Internship in Photography (3)
- PHOTO 90D, Internship in Photography (4)

**AREA B: Restricted Electives; Select 1 course from the following: (3 units)**

- ART 10A, Design I (3)
- ART 10C, Computer Design (3)
- ART 20A, Drawing I (3)
- BUS 22, Introduction to Advertising (3)
- BUS 34, Introduction to Social Media Marketing (3)
- BUS 63, Principles of Entrepreneurship (3)

## Photovoltaic Installation (Solar Energy Installation)

Solar energy systems are being installed in growing numbers at businesses and private residences. This growing demand is expected to increase the need for many new jobs and business opportunities in solar photovoltaic and thermal system design and installation, energy efficiency auditing, and Zero Net Energy (ZNE) homes and buildings. The program is designed to provide students with both the hands-on skills and the broader contextual knowledge necessary to gain successful employment in the burgeoning alternative energy industry.

### Programs Offered:

- Solar Photovoltaic and Energy Efficiency Associate Degree
- Solar Photovoltaic Installation Certificate of Achievement (14 units)
- Basic Solar Photovoltaic Installation Department Certificate (8 units)

### SOLAR PHOTOVOLTAIC AND ENERGY EFFICIENCY, ASSOCIATE DEGREE

Solar energy systems are being installed in growing numbers at businesses and private residences. This growing demand is expected to increase the need for many new jobs and business opportunities in solar photovoltaic and thermal system design and installation, energy efficiency auditing, and Zero Net Energy (ZNE) homes and buildings. The program provides students with both the hands-on



skills and the broader contextual knowledge necessary to gain successful employment in the burgeoning alternative energy industry. Students who complete this program will be qualified for jobs in a variety of different capacities including: PV installation, repairs, maintenance, solar design, and energy efficient auditing. With additional education and/or experience, students could pursue employment with one of the many public institutions working on alternative energy policy and ZNE homes, and/or could potentially start their own energy audit, energy management, solar design, or solar installation company.

This program prepares students to take the NABCEP (North American Board of Certified Energy Practitioners) Associate Exam and--with adequate job experience--the NABCEP Professional exam.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate proficiency in basic terminology (solar radiation, solar irradiance, solar insolation, solar constant, solstice, equinox, solar altitude angle, solar azimuth angle, solar incidence angle) Students will be able to explain how a solar cell converts sunlight into electrical power and distinguish between PV cells, modules, panels and arrays. Students will be able to identify the five key electrical output parameters for PV modules using manufacturers' literature (Voc, Isc, Vmp, Imp, and Pmp) and label points on a current-voltage (I-V) curve, as well as identify and apply regulatory codes when conducting energy assessments and/or site visits. Students will be able to recognize and identify local and state energy efficiency requirements/incentives for new and existing buildings; conduct Energy Utilization Analysis; and recognize mechanics and engineering of energy systems, including HVAC, lighting, and renewable energy systems.

*Required Introductory Photovoltaic Courses: (3 units minimum)*

PV 11, Introduction to Solar Photovoltaics (3)

**or**

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PV 1, Introduction to Solar Energy Systems (3)

**and**

PV 2, Intermediate PV System Installation (3)

*Required Advanced Photovoltaic Courses: (2 units minimum)*

PV 12, Photovoltaic Installation Exam Preparation (2)

**or**

PV 3, Advanced Solar Photovoltaic Systems (4)

*Required Energy Efficiency Courses:*

ENERGY 1, Introduction to Energy Efficiency (3)

ENERGY 2, Energy Efficiency 2: Residential Building Science (3)

ENERGY 90A, Energy Efficiency Internship (1)

*Required Computer-Based Courses:*

INTARC 35, 2D Digital Drafting (3)

**or**

GEOG 20, Introduction to Geographic Information Systems (3) (same as GIS 20)

*Required Support Courses: Select one of the following: (3 units)*

BIOL 9, Environmental Biology (3)

BUS 63, Principles of Entrepreneurship (3)

ENVRN 7, Introduction to Environmental Studies (3)  
(same as GEOG 7)

ENVRN 20, Environmental Ethics (3) (same as PHILOS 20)

ENVRN 22, Environmental Politics and Policies (3)  
(same as POL SC 22)

ENVRN 40, Environmental Psychology (3) (same as PSYCH 40)

## **SOLAR PHOTOVOLTAIC INSTALLATION, CERTIFICATE OF ACHIEVEMENT**

Solar energy systems are being installed in large numbers by utilities, businesses, and homes. This growing demand is increasing the need for many skilled workers in photovoltaic (PV) installation, PV design, and solar sales. This program provides students with both the hands-on skills and the broader contextual knowledge necessary to gain successful employment in the solar industry. Students who complete this program will be qualified for jobs in a variety of different capacities including: PV installation, repairs, maintenance, mid-to-upper level solar design, and sales. With additional education and/or experience, students could pursue employment with one of the many public institutions working on alternative energy policy and zero net energy (ZNE) homes, and/or could potentially start their own solar installation company.

This program prepares students to take the NABCEP (North American Board of Certified Energy Practitioners) Associate Exam and--with adequate job experience--the NABCEP Professional exam.

**Program Learning Outcomes:** Students will demonstrate proficiency in basic terminology (solar radiation, solar irradiance, solar insolation, solar constant, solstice, equinox, solar altitude angle, solar azimuth angle, solar incidence angle, semiconductor, circuit, inverter). Students will be able to explain how a solar cell converts sunlight into electrical power and how power is conditioned for use in buildings. Students will be able to identify the five key electrical output parameters for the I-V curve. Student will have achieved a mastery of basic computer-based systems that either assist in design of solar production equipment (computer aided design or CAD) or aid in geographic analysis of renewable resources (geographic information systems or GIS). Students will be able to apply appropriate regulatory codes when conducting energy efficiency requirements for new and existing buildings. Student will be proficient in conducting an energy utilization index (EUI) analysis. Students will be able to recognize the physical properties that consume or produce energy in residential and commercial energy systems, including HVAC, lighting, and renewable energy systems.

*Required Introductory Photovoltaic Courses: (3 units minimum)*

PV 11, Introduction to Solar Photovoltaics (3)

**or**

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PV 1, Introduction to Solar Energy Systems (3)

**and**

PV 2, Intermediate PV System Installation (3)

*Required Advanced Photovoltaic Courses: (2 units minimum)*

PV 12, Photovoltaic Installation Exam Preparation (2)

**or**

PV 3, Advanced Solar Photovoltaic Systems (4)



**Required Energy Efficiency Courses:**

ENERGY 1, Introduction to Energy Efficiency (3)

**Required Computer-Based Courses:**

INTARC 35, 2D Digital Drafting (3)

**or**

GEOG 20, Introduction to Geographic Information Systems (3) (same as GIS 20)

**Required Support Courses: Select one of the following (3 units):**

BIOL 9, Environmental Biology (3)

BUS 63, Principles of Entrepreneurship (3)

ENVRN 7, Introduction to Environmental Studies (3)  
(same as GEOG 7)

ENVRN 20, Environmental Ethics (3) (same as PHILOS 20)

ENVRN 22, Environmental Politics and Policies (3)  
(same as POL SC 22)

ENVRN 40, Environmental Psychology (3) (same as PSYCH 40)

**BASIC SOLAR PHOTOVOLTAIC INSTALLATION, DEPARTMENT CERTIFICATE**

This program offers courses in basic solar photovoltaic systems and an introduction to energy and energy efficiency principles. The required courses are intended to prepare students for entry-level positions in the home energy services sector, including site analysis of solar electric systems, basic energy auditing, and calculation of energy use intensities. Students will also be prepared to help property owners reduce and manage power demand and energy consumption. The program provides a foundation for further study and preparation for the North American Board of Certified Energy Practitioner (NABCEP) Associate exam.

This program, along with further study, would prepare students for careers related to Zero Net Energy (ZNE) homes, green buildings, or for design- and/or sales-related positions in and related to the energy efficiency, renewable energy, and the solar power industry.

**Program Learning Outcomes:** Students will demonstrate proficiency in basic terminology (solar radiation, solar irradiance, solar insolation, solar constant, solstice, equinox, solar altitude angle, solar azimuth angle, semiconductor, circuit, inverter). Students will be able to explain how a solar cell converts sunlight into electrical power and how power is conditioned for use in buildings. Student will be proficient in conducting an energy utilization index (EUI) analysis. Students will be able to identify the salient concerns related to safe and efficient energy use in the built environment and the issues that threaten the ecological conditions on the planet related to energy production and use.

**Required Introductory Photovoltaic Courses: (3 units minimum)**

PV 11, Introduction to Solar Photovoltaics (3)

**or**

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PV 1, Introduction to Solar Energy Systems (3)

**and**

PV 2, Intermediate PV System Installation (3)

**Required Advanced Photovoltaic Courses: (2 units minimum)**

PV 12, Photovoltaic Installation Exam Preparation (2)

**or**

PV 3, Advanced Solar Photovoltaic Systems (4)

**Required Energy Efficiency Course:**

ENERGY 1, Introduction to Energy Efficiency (3)

**ENERGY EFFICIENCY SPECIALIST, DEPARTMENT CERTIFICATE**

This program is designed to provide formal training for individuals who seek entry into the Energy Services field. Students will learn to conduct energy audits in residential buildings; establish energy efficiency benchmarks for commercial buildings and data center physical infrastructures; and help utilize resources more efficiently by reducing lighting, and lowering heating and cooling energy consumption in building systems and processes. Students will learn to provide analyses and recommendations that will help suggest alternative energy sources, as well as unconventional lighting, cooling, space heating, and resource management procedures.

**Program Learning Outcomes:** Students will be able to identify the salient concerns related to safe and efficient energy use in the built environment and the issues that threaten the ecological conditions on the planet related to energy production and use. Students will be able to explain how a solar cell converts sunlight into electrical power and how power is conditioned for use in buildings. Students will be proficient in conducting an energy utilization index (EUI) analysis. Students will be able to recognize the physical properties that consume or produce energy in residential and commercial energy systems, including HVAC, lighting, and renewable energy systems. Students will be able to apply appropriate regulatory codes when conducting energy efficiency requirements for new and existing buildings, and compliance with new Zero Net Energy (ZNE) code requirements.

**Core Courses:**

ENERGY 1, Introduction to Energy Efficiency (3)

ENERGY 2, Energy Efficiency 2: Residential Building Science (3)

ENERGY 3, Commercial Building Science (4)

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PV 1, Introduction to Solar Energy Systems (3)

**or**

PV 11, Introduction to Solar Photovoltaics (3)

**Physics**

Physicists study matter, energy, and the relationships between them and devise methods to apply laws and theories of physics to industry, medicine, and other fields. Some career titles include acoustic physicist, astrophysicist, engineer, satellite data analyst, and medical or nuclear physicist.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

**Programs Offered:**

- Transfer Preparation
- Related Program: Science: General Science

## TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers Physics. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

## Physiology

See *Biological Sciences*

## Political Science

Political scientists study the origin, development, and operation of political systems and public policy. Some study the actions of foreign governments, political parties, or revolutionary movements. Others analyze topics such as public opinion, decision making, or the uses of ideology and public policy. They may conduct surveys, analyze election results, review Supreme Court decisions, or actions of legislative bodies, or analyze the content of media articles. Some do academic research, write, or teach. Others work on applied problems for federal agencies, legislative committees, or individual office holders/seekers. Some career titles include lawyer, politician or director of polling and survey projects.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Political Science Associate Degree for Transfer
- Related Program: Public Policy

## TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system** has a **transfer pathway** for any UC campus that offers Political Science. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

SMC offers the **Political Science Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Political Science AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/ad-search/search.shtml](http://calstate.edu/transfer/ad-search/search.shtml)

- Bakersfield: Political Science – Global Politics, BA
- Bakersfield: Political Science – Power and Justice, BA
- Bakersfield: Political Science – Pre-Law, BA
- Channel Islands: Political Science – General, BA
- Chico: International Relations – International Relations – General, BA
- Chico: Political Science – General Political Science, BA
- Chico: Political Science – Legal Studies, BA
- Chico: Public Administration – Public Administration – General, BA
- Dominguez Hills: Political Science – General, BA
- East Bay: Political Science – No Option, BA
- East Bay: Political Science – Pre-Law, BA
- East Bay: Political Science – Public Affairs and Administration, BA
- Fresno: Political Science, BA
- Fullerton: Political Science – General, BA
- Humboldt: Political Science – General, BA
- Long Beach: American Studies – American Studies – General, BA
- Long Beach: Asian American Studies – Asian American Studies – General, BA
- Long Beach: Political Science – General, BA
- Los Angeles: Political Science – General, BA
- Los Angeles: Political Science – Global Politics, BA
- Los Angeles: Political Science – Prelegal Studies, BA
- Los Angeles: Political Science – Public Administration, BA
- Maritime Academy: Global Studies and Maritime Affairs – Global Studies and Maritime Affairs – General, BA
- Monterey Bay: Social and Behavioral Sciences – Political Economy, BA
- Northridge: Political Science – Law and Society, BA
- Northridge: Political Science – Politics and Government, BA
- Northridge: Political Science – Public Policy and Management, BA
- Pomona: Political Science – General, BA
- Sacramento: Government – Government – General, BA
- San Bernardino: Political Science – General, BA
- San Diego: Political Science – General, BA

- San Francisco: Modern Jewish Studies – Modern Jewish Studies – General, BA
- San Francisco: Political Science – General, BA
- San Jose: Humanities – Liberal Arts, BA
- San Jose: Political Science, BA
- San Luis Obispo: Political Science – Individualized Course of Study, BA
- San Marcos: Political Science – General, BA
- San Marcos: Political Science – Global, BA
- Sonoma: Political Science – General, BA
- Stanislaus: Political Science – General, BA

### POLITICAL SCIENCE, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Political Science for Transfer (AA-T) introduces students to the major fields of study in Political Science. The program includes the study of American Politics (principles, institutions, and policies). Depending upon the student's chosen course of study, the program may also include Comparative Politics (institutional structures, processes, and political cultures), International Relations (structure and operation of the international system), and/or Political Philosophy (ideas about human nature, power, justice, and the state).

Upon completion of the Associate in Arts in Political Science for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower division requirements for transfer into political science or similar majors for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate, through written and oral academic work, an understanding of the principles, structure, and processes of the American political system, as well as, depending on the student's area of focus, an understanding of the institutional structures and processes of other countries, the structure and operation of international relations, and philosophic ideas about human nature, power, justice, and the state.

*Required Core Course: (3 units)*

POL SC 1, National and California Government (3)

*LIST A: Select 3 courses from the following: (9 units)*

MATH 54, Elementary Statistics (4)

POL SC 2, Comparative Government and Politics (3)

POL SC 7, International Politics (3)

POL SC 51, Political Philosophy (3) (*same as PHILOS 51*)

*LIST B: Select 2 courses from the following: (6 units)*

Any course from List A not used above

ECON 1, Principles of Microeconomics (3)

ECON 2, Principles of Macroeconomics (3)

GEOG 2, Introduction to Human Geography (3)

GEOG 8, Introduction to Urban Studies (3) (*same as URBAN 8*)

GEOG 11, World Geography: Introduction to Global Studies (3) (*same as GLOBAL 11*)

ENGL 2, Critical Analysis and Intermediate Composition (3)

HIST 1, History of Western Civilization I (3)

HIST 2, History of Western Civilization II (3)

HIST 10, Ethnicity and American Culture (3)

HIST 11, The United States Through Reconstruction (3)

HIST 12, The United States Since Reconstruction (3)

HIST 13, The United States Since 1945

HIST 14, US Environmental History (3) (*same as ENVRN 14*)

PHILOS 1, Knowledge and Reality (3)

PHILOS 3, Early Philosophers (3)

PHILOS 4, Modern Philosophers (3)

PHILOS 7, Logic and Critical Thinking (3)

PHILOS 20, Environmental Ethics (3) (*same as ENVRN 20*)

PHILOS 48, Non Violence Resistance (3)

POL SC 3, Introduction to Politics: Justice, Power and Agency (3)

POL SC 5, International Political Economy: Introduction to Global Studies (3) (*same as ECON 5 and GLOBAL 5*)

POL SC 8, The Modern Far East (3)

POL SC 10, Government Internships (3)

POL SC 11, World Affairs and the United States (3)

POL SC 14, Middle East Government and Politics (3)

POL SC 21, Race, Ethnicity, and the Politics of Difference (3)

POL SC 22, Environmental Politics and Policies (3) (*same as ENVRN 22*)

POL SC 23, Sex, Gender, and Power (3)

POL SC 31, Introduction to Public Policy (3)

POL SC 47, International Politics Seminar (3)

POL SC 52, Contemporary Political Thought (3) (*same as PHILOS 52*)

SOCIOL 1, Introduction to Sociology (3)

SOCIOL 1s, Introduction to Sociology – Service Learning (3)

SOCIOL 2, Social Problems (3)

SOCIOL 2s, Social Problems – Service Learning (3)

SOCIOL 30, African Americans in Contemporary Society (3)

SOCIOL 31, Latinas/os in Contemporary Society (3)

SOCIOL 32, Asian Americans in Contemporary Society (3)

SOCIOL 33, Sociology of Sex and Gender (3)

SOCIOL 34, Racial and Ethnic Relations in American Society (3)

**or** any course articulated as fulfilling CSU GE Area D

## Portuguese

See *Modern Languages*

## Psychology

Psychologists study the behavior of individuals and groups and try to help people achieve satisfactory personal adjustment. They work with individuals, couples, families or groups. Some engage in teaching or research, while others work with people doing testing, counseling, or treatment in clinics, schools, and industries. Some additional career titles include developmental psychologist, industrial/organizational psychologist, mental health coordinator, and community services worker.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Related Program: Liberal Arts – Social and Behavior Science

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The **University of California system has a transfer pathway** for any UC campus that offers Psychology. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

## Public Policy

The program in Public Policy consist of an interdisciplinary and multidisciplinary course of study that presents an overview of the development and implementation of important public policies affecting the lives of local, regional, and state residents. This program is designed to equip students with the skill and tools to successfully engage in civic debate and to critically evaluate and analyze the development and implementation of substantive public policies, while providing an opportunity to work with governmental and non-governmental organizations and agencies in a direct way.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Public Policy Associate Degree
- Public Policy Certificate of Achievement (20 units)
- Related Program: Political Science

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### PUBLIC POLICY, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate coherent and comprehensive analyses of the public policies affecting the lives of local, regional, and state citizens, and will be equipped with the skills and resources necessary for participation in civic life, including critical evaluation and analysis of policy options, policy development, and effective implementation strategies.

*Required Core Courses: (8 units)*

POL SC 1, National and California Government (3)

*or*

POL SC 3, Introduction to Politics: Justice, Power and Agency (3)

-----

POL SC 31, Introduction to Public Policy (3)

POL SC 95, Public Policy – Experiential Learning (2)

*Critical Thinking and Communication: Students are required to take 1 course from each area: (6 units)*

*AREA A: English Language and Critical Thinking (3 units)*

BUS 32, Business Communications (3)

ENGL 1, Reading and Composition 1 (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

ENGL 31, Advanced Composition (3)

HIST 47, The Practice of History (3)

PHILOS 7, Logic and Critical Thinking (3)

*AREA B: Oral Communication/Media Literacy: (3 units)*

COM ST 11, Elements of Public Speaking (3) *(formerly Speech 1)*

COM ST 37, Intercultural Communication (3) *(formerly Speech 7)*

JOURN 1, The News (3)

MEDIA 1, Survey of Mass Media (3) *(formerly Communication 1)*

MEDIA 2, Reading Media: Acquiring Media Literacy Skills (3) *(formerly Communication 2)*

MEDIA 10, Media, Gender, and Race (3) *(formerly Communication 10)*

WOM ST 30, Women and Popular Culture (3)

*SPECIALIZATION AREA: Students are required to take 2 courses WITHIN one of the following five (5) tracks: (6 units)*

*ARTS AND CULTURAL AFFAIRS TRACK*

AHIS 3, Western Art History III (3)

AHIS 11, Art Appreciation: Introduction to Global Visual Culture (3)

AHIS 72, American Art History (3)

DANCE 2, Dance in American Culture (3)

DANCE 5, Dance History (3)

DANCE 9, Dance Productions (3)

MUSIC 27, Music in American Culture (3)

MUSIC 31, Music History 2 (3)

MUSIC 33, Jazz in American Culture (3)

MUSIC 36, History of Rock Music (3)

TH ART 2, Introduction to the Theatre (3)

TH ART 5, History of World Theatre (3)



**EDUCATION TRACK**

- EDUC 1, Career Choices in Education (3)  
 EDUC 2, The Early Childhood Through 12th Grade Teaching Experience (3)  
 ECE 45, Introduction to Children with Special Needs (3)  
 ECE 11, Child, Family and Community (3)  
 ECE 19, Teaching in a Diverse Society (3)  
 ECE 64, Health, Safety and Nutrition for Young Children (3)  
 PSYCH 11, Child Growth and Development (3)

**ENVIRONMENTAL TRACK**

- BIOL 9, Environmental Biology (3)  
 ENVRN 7, Introduction to Environmental Studies (3) (*same as GEOG 7*)  
 ENVRN 14, US Environmental History (3) (*same as HIST 14*)  
 ENVRN 20, Environmental Ethics (3) (*same as PHILOS 20*)  
 ENVRN 22, Environmental Politics and Policies (3) (*same as POL SC 22*)  
 ENVRN 40, Environmental Psychology (3) (*same as PSYCH 40*)

**PUBLIC HEALTH TRACK**

- ECE 64, Health, Safety and Nutrition for Young Children (3)  
 HEALTH 10, Fundamentals of Healthful Living (3)  
 NURSNG 60, Multicultural Health and Healing Practices (3) (*same as HEALTH 60*)  
 NUTR 1, Introduction to Nutrition (3)  
 NUTR 7, Food and Culture in America (3)

**URBAN/SOCIOECONOMIC TRACK**

- ECON 1, Principles of Microeconomics (3)  
 ECON 2, Principles of Macroeconomics (3)  
 ECON 6, Contemporary Economic Problems (3)  
 HIST 10, Ethnicity and American Culture (3)  
 POL SC 21, Race, Ethnicity, and the Politics of Difference (3)  
 PSYCH 13, Social Psychology (3)  
 ----  
 SOCIOL 1, Introduction to Sociology (3)  
**or**  
 SOCIOL 1s, Introduction to Sociology – Service Learning (3)  
 ----  
 SOCIOL 2, Social Problems (3)  
**or**  
 SOCIOL 2s, Social Problems – Service Learning (3)  
 ----  
 SOCIOL 34, Racial and Ethnic Relations in American Society (3)  
 SOCIOL 30, African Americans in Contemporary Society (3)  
 SOCIOL 31, Latinas/os in Contemporary Society (3)  
 SOCIOL 32, Asian Americans in Contemporary Society (3)  
 URBAN 8, Introduction to Urban Studies (3) (*same as GEOG 8*)

## Recycling and Resource Management

Recycling and Resource Management is among the largest and most rapidly growing industries in America. As more cities and businesses develop sustainability and zero waste policies, the need increases for personnel who can properly manage resource use and recycling. The Recycling and Resource Management curriculum emphasizes an interdisciplinary approach, exploring recycling and resource management from a variety of perspectives and in a variety of settings. Core curriculum will provide students with an in-depth study of waste diversion and resource management, emphasizing cultural, community, and business applications. Courses cover governmental and organizational policies, practices, and procedures in waste and resource management, including best management practices and successful community and educational zero waste programs.

**Programs Offered:**

- Recycling and Resource Management Associate Degree
- Recycling and Resource Management Certificate of Achievement (18 units)
- Recycling and Zero Waste Department Certificate (12 units)

### RECYCLING AND RESOURCE MANAGEMENT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to plan, implement, and oversee waste management programs aimed at implementing Zero Waste principles and sustainability practices for individuals, businesses, and the communities. Additionally, students will demonstrate the ability to write proposals and policy using correct terminology, principles, and California legislation and regulations regarding waste, recycling, sustainable resource management, and Zero Waste systems.

**Required courses: (12 units)**

- RRM 1, Introduction to Recycling and Resource Management (3)  
 RRM 2, Culture and Zero Waste (3)  
 RRM 3, Resource Management and Zero Waste for Communities (3)  
 RRM 4, Resource Management and Zero Waste for Business (3)

**Select courses from the following: (6 units)**

- BIOL 9, Environmental Biology (3)  
 ----  
 COUNS 16, Job Success Skills (1) **and** COUNS 90B, General Internship (2)  
**or**  
 COUNS 90C, General Internship (3) (*with permission of Earth Science department chair*)  
 ----  
 GEOG 7, Introduction to Environmental Geography (3) (*same as ENVRN 7*)  
 PHILOS 20, Environmental Ethics (3) (*same as ENVRN 20*)

POL SC 22, Environmental Politics (3) (*same as ENVRN 22*)

PSYCH 40, Environmental Psychology (3) (*same as ENVRN 40*)

## RECYCLING AND ZERO WASTE, DEPARTMENT CERTIFICATE

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to plan, implement, and oversee waste management programs aimed at implementing Zero Waste principles and sustainability practices for individuals, businesses, and the communities. Additionally, students will demonstrate the ability to write proposals and policy using correct terminology, principles, and California legislation and regulations regarding waste, recycling, sustainable resource management, and Zero Waste systems.

*Required Courses: (12 units)*

RRM 1, Introduction to Recycling and Resource Management (3)

RRM 2, Culture and Zero Waste (3)

RRM 3, Resource Management and Zero Waste for Communities (3)

RRM 4, Resource Management and Zero Waste for Business (3)

*Note: Golden West College and Irvine Valley College also offer a certificate in this area of study. The courses will be accepted at each institution in the manner shown on the chart below:*

## Respiratory Therapy

The program is a partnership between Santa Monica College (SMC) and East Los Angeles College (ELAC). Graduates earn an Associate degree in Respiratory Therapy. The program allows the graduate to take the Therapist Multiple-Choice Examination (TMC) and, by achieving a high cut score on the TMC, become eligible for the Clinical Simulation Exam (CSE); passing both exams awards the graduate the Registered Respiration Therapy (RRT) credential. **The RRT credential is required for licensure in the state of California.**

All of the first-year courses are offered on the SMC campus (except Respiratory Therapy 2 and 21, offered at the ELAC campus).

It is recommended that students who select Respiratory Therapy as their major make an appointment with the RT Faculty Advisor in the Santa Monica College Health Science Department. Applications for the Respiratory Therapy Program can be obtained online (go to [smc.edu/respiratorytherapy](http://smc.edu/respiratorytherapy)) and from the Health Science Department at SMC's Bundy Campus. Additional program information and/or an appointment may be made with the Respiratory Therapy faculty by calling (310) 434-3463.

Clinical training occurs in some of the most respected medical facilities in the United States (e.g., *UCLA Medical Center and USC University Medical Center*). **Applicants must have a negative criminal background check and pass a drug screening procedure to participate in any clinical courses. A typical sequence of courses is demonstrated below.**

## Programs Offered:

- Respiratory Therapy Associate Degree

## RESPIRATORY THERAPY

**Program Learning Outcomes:** Students who complete the Respiratory Therapy program will accurately initiate, conduct, and modify prescribed therapeutic procedures using clinical data. Graduates will participate in developing and evaluating respiratory care plans, and monitor and record patient response to the care, both in clinical settings and emergency situations.

Prerequisites for application to the program are (29 units minimum): ANATMY 1, PHYS 3, CHEM 10 **or** 19, MCRBIO 1, COM ST 11 (*formerly Speech 1*) **or** 35 (*formerly Speech 5*) **or** 37 (*formerly Speech 7*), ENGL 1, MATH 18 **or** 20, RT 1. PHYS 3 **and** MCRBIO 1 must be completed within 7 years at the time of admission into the RT program.

### First Year (18 units)

*FIRST SEMESTER (11 units)*

RESP TH 2, Fundamentals of Respiratory Therapy (4)

RES TH 60, Respiratory Physiology (4)

**or**

[ELAC] RESP TH 6, Respiratory Physiology (4)

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PHYSCS 12, Introductory Physics (3)

**or**

[ELAC] RESP TH 21, Physics of Respiratory Care (3)

*SECOND SEMESTER (7 units)*

RESP TH 30, Adult Critical Care Monitor and Diagnostics (3)

**or**

[ELAC] RESP TH 30, Adult Critical Care Monitor and Diagnostics (3)

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RESP TH 70, Pathophysiology (4)

**or**

[ELAC] RESP TH 7, Applied Medicine and Pathology (3) **and** [ELAC] RESP TH 23, Advanced Respiratory Pathophysiology (1)

### Second Year (30 units)

All second year courses are East Los Angeles College courses and are offered only on the ELAC campus EXCEPT RESP TH 29, which is offered at SMC.

*SUMMER SESSION (4 units)*

RESP TH 15, Introduction to Clinical Experience (4)

*THIRD SEMESTER (11 units)*

RESP TH 3, Application of Respiratory Therapy and Clinical Experience I (5)

RESP TH 4, Application of Respiratory Therapy and Clinical Experience II (5)

RESP TH 27, Physician Clinical Rounds, Critical Thinking Lab 1 (1)

*WINTER SESSION (4 units)*

RESP TH 29, Neonatal/Pediatric RT (4)

**or**

[ELAC] RESP TH 29, Neonatal and Pediatric Respiratory Therapy (4)

*FOURTH SEMESTER (11 units)*

RESP TH 5, Application of Respiratory Therapy and Clinical Experience III (5)

RESP TH 11, Application of Respiratory Therapy and Clinical Experience IV (5)

RESP TH 28, Physician Clinical Rounds, Critical Thinking Lab 2 (1)

\* *Students' general education requirements may vary according to math and English placement results. General education courses may be completed before or during the Respiratory Therapy Program. It is highly recommended that the student consult the appropriate college's catalog or college counselor for specific general education program planning.*

## Russian

See *Modern Languages*

## Science

### Programs Offered:

- Transfer Preparation
- General Science Associate Degree

### TRANSFER PREPARATION

Students planning to transfer to a four-year college or university in a particular field of science should complete the lower-division major requirements and the general education pattern for the specific transfer institution's program. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### GENERAL SCIENCE, ASSOCIATE DEGREE

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate through oral, written, and laboratory-based academic work knowledge of the physical and life sciences, and be prepared to pursue further study in a science major at the baccalaureate level. Students will be proficient in the scientific method, research, analytical, and communication skills necessary to present a critical analysis of scientific phenomena and devise solutions.

*Select 20 units from the following three groups as specified below:*

**GROUP A – Mathematics (a minimum of 1 course of at least 3 units required):**

MATH – 2, 3, 4, 7, 8, 10 (formerly same as CS 10), 11, 13, 15, 18, 20, 21, 26, 28, 29, 32, 41, 49, 50, 54

**GROUP B – Physical Science (a minimum of 1 course of at least 3 units required):**

ASTRON – 1, 2, 3, 4, 5, 7, 8, 9, 10

CHEM – all courses

GEOG 1, 3, 5, 35F, 35S

GEOL – all courses

PHYSICS – all courses

**GROUP C – Life Sciences (minimum of 3 units)**

*At least 1 course required:*

ANATMY – all courses

ANTHRO 1, 5, 8, 9, 10

BIOL – all courses (except BIOL 81)

BOTANY – all courses

MCRBIO – all courses

NUTR 1, 4 (satisfies area if completed prior to Winter 2017), 6

PHYS – all courses

PSYCH 2

ZOOL 5

## Sociology

Sociologists study the behavior of humans in groups—families, communities, industrial organizations, and institutions such as schools, hospitals, and social service agencies. They are concerned with social phenomena, such as social stratification, deviant behavior, effects of mass media, urban organization, educational systems, and mental health. They may specialize in a number of areas, such as organizational behavior, social change, social work, criminology, demography, statistics, research methodology, small groups, the family, race relations, gerontology, urban sociology, medical sociology, sex roles and society, rural sociology, or social theory.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Related Program: Liberal Arts -- Social and Behavior Science

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

The University of California system has a transfer pathway for any UC campus that offers Sociology. For more information, visit [pathwaysguide.universityofcalifornia.edu](http://pathwaysguide.universityofcalifornia.edu)

## Solar Photovoltaic Installation (Solar Energy Installation)

See *Photovoltaic Installation*

# Spanish

## Programs Offered:

- Transfer Preparation
- Spanish Associate Degree for Transfer

## TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

SMC offers the **Spanish Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Spanish AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/ad-search/search.shtml](http://calstate.edu/transfer/ad-search/search.shtml)

- Bakersfield: Spanish – General, BA
- Channel Islands: Chicana/o Studies: Transborder Communities – Chicana/o Studies: Transborder Communities – General, BA
- Channel Islands: Spanish – General, BA
- Chico: Latin American Studies – Latin American Studies – General, BA
- Chico: Spanish – General, BA
- Dominguez Hills: Spanish – Linguistics, BA
- Dominguez Hills: Spanish – Literature, BA
- East Bay: Spanish – General, BA
- Fresno: Chicano Studies – Chicano Studies, BA
- Fresno: Latin American Studies – Latin American Studies – General, BA
- Fresno: Spanish, BA
- Fullerton: Spanish – General, BA
- Humboldt: Spanish – General, BA
- Long Beach: Chicano and Latino Studies – Chicano and Latino Studies – General, BA
- Long Beach: Comparative World Literature – Comparative World Literature – General, BA
- Long Beach: Linguistics – Linguistics – General, BA
- Long Beach: Spanish – General, BA
- Los Angeles: Latin American Studies – General, BA

- Monterey Bay: Spanish Language and Hispanic Cultures – Spanish Language and Hispanic Cultures – General, BA
- Northridge: Central American Studies – General, BA
- Northridge: Chicano and Chicana Studies – General, BA
- Northridge: Spanish – Hispanic Linguistics, BA
- Northridge: Spanish – Language and Culture, BA
- Northridge: Spanish – Literature, BA
- Pomona: Spanish – General, BA
- Sacramento: Ethnic Studies – Chicana/o Studies, BA
- Sacramento: Spanish – General, BA
- San Bernardino: Spanish – Business Track, BA
- San Bernardino: Spanish – Communication Studies Track, BA
- San Bernardino: Spanish – Hispanic Cultural Studies Track, BA
- San Diego: Spanish (Imperial Valley Campus), BA
- San Diego: Spanish (San Diego Campus), BA
- San Francisco: Comparative and World Literature – Comparative Literature – General, BA
- San Francisco: Latina/Latino Studies – Latina/Latino Studies – General, BA
- San Francisco: Spanish – General, BA
- San Jose: Humanities – Liberal Arts, BA
- San Jose: Spanish – Preparation for Teaching, BA
- San Jose: Spanish, BA
- San Marcos: Spanish – General, BA
- San Marcos: Spanish – Language and Culture, BA
- San Marcos: Spanish – Literature, BA
- San Marcos: Spanish for the Professions, BA
- Sonoma: Chicano and Latino Studies – Chicano and Latino Studies – General, BA
- Sonoma: Spanish – General, BA
- Stanislaus: Spanish – General, BA

## SPANISH, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Spanish for Transfer (AA-T) prepares students to interact with the Spanish-speaking world by providing them with a foundation in the language, history, arts, culture, and literatures of the different countries that comprise it. As students complete this program, they acquire knowledge and skills that are applicable to diverse areas of study in the liberal arts, as well as preparation for various professions that provide services or products for Spanish-speakers.

Upon completion of the Associate in Arts in Spanish for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower division requirements for transfer into Spanish or similar majors for many campuses in the California State University system.

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate the ability to speak, understand, read, and write the Spanish language. As evidenced by written and oral communication, students will demonstrate a general understanding of the diverse cultures of Spanish-speaking countries, as well as Spanish and Latin American civilizations from ancient times to the modern era. In addition, students will demonstrate critical thinking abilities by examining issues that pertain to the diverse manifestations of Spanish language and culture throughout the world.



**Required Core Courses: (15 units)**

SPAN 2, Elementary Spanish II (5)

**or**

SPAN 11, Spanish for Native Speakers I (5)

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SPAN 3, Intermediate Spanish I (5)

**or**

SPAN 12, Spanish for Native Speakers 2 (5)

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SPAN 4, Intermediate Spanish II (5)

**If student places out of any of the above levels of Spanish, the following courses may be substituted: (up to 10 units)**

ANTHRO 2, Cultural Anthropology (3)

COM ST 35, Interpersonal Communication (3)  
(formerly Speech 5)COM ST 37, Intercultural Communication (3)  
(formerly Speech 7)ENGL 2, Critical Analysis and Intermediate  
Composition (3)

ENGL 31, Advanced Composition (3)

ENGL 53, Latino Literature in the United States (3)

ENGL 57, Latin-American Literature (3)

ENGL 58, Literature of Mexico (3)

GEOG 2, Introduction to Human Geography (3)

HIST 5, History of Latin America 1 (3)

HIST 6, History of Latin America 2 (3)

HIST 19, History of Mexico (3)

HIST 42, The Latina(o) Experience in the United States  
(3)

HIST 43, Mexican-American History (3)

HIST 47, The Practice of History (3)

FRENCH 1, Elementary French I (5)

FRENCH 2, Elementary French II (5)

FRENCH 3, Intermediate French I (5)

FRENCH 4, Intermediate French II (5)

ITAL 1, Elementary Italian I (5)

ITAL 2, Elementary Italian II (5)

ITAL 3, Intermediate Italian I (5)

ITAL 4, Intermediate Italian II (5)

MEDIA 46, Television Production (3)

PORTGS 1, Elementary Portuguese 1 (5)

SOCIOLOG 1, Introduction to Sociology (3)

SOCIOLOG 1s, Introduction to Sociology – Service  
Learning (3)

SOCIOLOG 31, Latinas/os in Contemporary Society (3)

SOCIOLOG 33, Sociology of Sex and Gender (3)

SOCIOLOG 34, Racial and Ethnic Relations in American  
Society (3)

SPAN 8, Conversational Spanish (2)

SPAN 9, The Civilization of Spain (3)

SPAN 20, Latin American Civilization (3)

**Restricted Electives: Select 1 of the following courses if not used above: (3 units minimum)**

AP, Spanish Literature and Culture (5)

COM ST 35, Interpersonal Communication (3)  
(formerly Speech 5)ENGL 2, Critical Analysis and Intermediate  
Composition (3)

ENGL 31, Advanced Composition (3)

ENGL 53, Latino Literature in the United States (3)

ENGL 57, Latin-American Literature (3)

ENGL 58, Literature of Mexico (3)

HIST 5, History of Latin America 1 (3)

HIST 6, History of Latin America 2 (3)

HIST 19, History of Mexico (3)

HIST 42, The Latina(o) Experience in the United States  
(3)

HIST 43, Mexican-American History (3)

HIST 47, The Practice of History (3)

FRENCH 1, Elementary French I (5)

FRENCH 2, Elementary French II (5)

FRENCH 3, Intermediate French I (5)

FRENCH 4, Intermediate French II (5)

ITAL 1, Elementary Italian I (5)

ITAL 2, Elementary Italian II (5)

ITAL 3, Intermediate Italian I (5)

ITAL 4, Intermediate Italian II (5)

MEDIA 46, Television Production (3)

SPAN 8, Conversational Spanish (2)

SPAN 9, The Civilization of Spain (3)

SPAN 20, Latin American Civilization (3)

## Studio Arts

See Art

## Technical Theatre

See Theatre Arts

## Theatre Arts

Theatre Arts can help prepare people for many career opportunities including work in the specific areas of theater production or performance as well as the related areas of advertising, television, film, recreation, education, and management. Theater managers manage theaters for stage productions or motion pictures. Related career titles include actor, director, costumer, script coach, stunt person, playwright, drama coach, set designer, business manager and instructor.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

**Programs Offered:**

- Transfer Preparation
- Theatre Arts Associate Degree for Transfer
- Technical Theatre Associate Degree
- Theatre Associate Degree
- Technical Theatre Certificate of Achievement (19 units)

**TRANSFER PREPARATION**

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation

agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

SMC offers the **Theatre Arts Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at the **California State University** campuses listed below. In addition, you will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your baccalaureate degree. **NOTE: If you are considering transfer to a UC, private, or out-of-state school, please consult a counselor before applying to transfer, as the transfer requirements may be different from those required for the Theatre Arts AA-T.**

Below are the CSU campuses and majors accepting this Transfer degree. This list is subject to change without notice. For the most current list, go to [calstate.edu/transfer/adt-search/search.shtml](http://calstate.edu/transfer/adt-search/search.shtml)

- Bakersfield: Theatre – General, BA
- Channel Islands: Performing Arts – Theatre, BA
- Chico: Theatre Arts – General, BA
- Dominguez Hills: Theatre Arts, BA
- East Bay: Theatre Arts – No Option, BA
- Fresno: Theatre Arts – Dance, BA
- Fresno: Theatre Arts – Acting, BA
- Fresno: Theatre Arts – Theatre Arts-Design/Technology, BA
- Fresno: Theatre Arts – General, BA
- Fullerton: Dance – General, BA
- Fullerton: Theatre Arts – Teaching, BA
- Humboldt: Theatre Arts – General, BA
- Long Beach: Theatre Arts – General, BA
- Long Beach: Theatre Arts – Performance: Acting, BA
- Long Beach: Theatre Arts – Technical Theatre: Scenery/Costume/Lighting Design, BA
- Los Angeles: Theatre Arts and Dance – Design and Production, BA
- Los Angeles: Theatre Arts and Dance – Performance, BA
- Northridge: Theatre – General, BA
- Pomona: Theatre – Acting, BA
- Pomona: Theatre – Dance, BA
- Pomona: Theatre – Education and Community, BA
- Pomona: Theatre – General Theatre, BA
- Pomona: Theatre – Technical Theatre and Design, BA
- Sacramento: Theatre – General, BA
- San Bernardino: Theatre Arts – Acting Emphasis, BA
- San Bernardino: Theatre Arts – Dance Emphasis, BA
- San Bernardino: Theatre Arts – Design and Technical Production Emphasis, BA
- San Bernardino: Theatre Arts – Drama Education Emphasis, BA
- San Bernardino: Theatre Arts – Musical Theatre Emphasis, BA
- San Diego: Theatre Arts – Youth Theatre, BA
- San Francisco: Drama – Drama – General, BA
- San Jose: Creative Arts – Creative Arts, BA
- San Jose: Humanities – Liberal Arts, BA
- San Jose: Theatre Arts, BA
- San Luis Obispo: Theatre Arts – General, BA
- San Marcos: Visual and Performing Arts – Theatre Arts, BA
- Sonoma: Theatre Arts – Acting, BA
- Sonoma: Theatre Arts – Dance, BA

- Sonoma: Theatre Arts – Technical Theatre, BA
- Stanislaus: Theatre Arts – General, BA

## THEATRE ARTS, ASSOCIATE DEGREE FOR TRANSFER

**Program Learning Outcomes:** Upon completion of the program, students will be able to evaluate and appreciate a theatrical performance by recognizing the inherent components that go into creating theatre, including the research involved, the collaboration among designers and directors, the rehearsal process, and the technical skills involved in making a play come to life. In addition, students will hone performance, design, analytical, or technical skills leading to performance in the capacity of at least one of the following: Actor, Director, Stage Manager, Set/Light/Sound/Costume/Make-Up Designer, Stage Technician, Reviewer, Educated Audience Member.

*Required Core Courses: (6 units)*

TH ART 2, Introduction to the Theatre (3)

*or*

TH ART 5, History of World Theatre (3)

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TH ART 41, Acting I (3)

*12 additional units are required with a minimum of 3 units from List A, and a minimum of 6 units from List B. The remaining 3 units may come from either list.*

*LIST A: Rehearsal and Performance or Technical Theatre Practicum: (3 units)*

TH ART 18A\*, Technical Theatre Production Workshop (1)

TH ART 18B\*, Technical Theatre Production Workshop (2)

TH ART 18C\*, Technical Theatre Production Workshop (3)

TH ART 45, Music Theatre Workshop (3) (*same as MUSIC 45*)

TH ART 50, Advanced Production – Full Play (3)

TH ART 53 Production for the Younger Audience (3) (*same as MUSIC 46*)

TH ART 55, Advanced Production – Small Theatre Venue (3)

*LIST B: Select 3 courses from the following: (9 units)*

TH ART 18A\*, Technical Theatre Production Workshop (1)

TH ART 18B\*, Technical Theatre Production Workshop (2)

TH ART 18C\*, Technical Theatre Production Workshop (3)

TH ART 20, Stagecraft (3)

TH ART 21, Scenic Painting Techniques (3)

TH ART 22, Stage Lighting (3)

TH ART 26, Introduction to Stage Costuming (3)

TH ART 31, Introduction to Stage Management (3)

TH ART 42, Acting II (3)

TH ART 45, Musical Theatre Workshop (3) (*same as MUSIC 45*)

TH ART 50, Advanced Production – Full Play (3)

TH ART 53, Production for the Younger Audience (3) (*same as MUSIC 46*)

TH ART 55, Advanced Production – Small Theatre Venue (3)

*\*Any combination of TH ART 18A, 18B, and/or 18C to total a minimum of 3 units.*

## TECHNICAL THEATRE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The Technical Theatre Program provides rigorous academic instruction, hands-on practical training, and experiential learning in several areas of technical theatre production. Through coursework as well as practical work on theatrical productions, students are trained in Stagecraft, State Lighting, Stage Sound, Scenic and Prop Construction, Stage Management, Stage Costuming, and Stage Make-Up. Students will work with advanced technology and materials in the use of intelligent lighting systems, audio equipment, video projection equipment, stage machinery, set construction, scenic painting, and costume construction and design. Internship, mentorships, and entry level job opportunities in the industry are made available to candidates who meet and exceed expectations.

**Program Learning Outcomes:** Upon completion of the program, students will be able to evaluate and appreciate a theatrical performance by recognizing the inherent components that go into creating theatre, including the research involved, the collaboration among designers and directors, the rehearsal process, and the technical skills involved in making a play come to life. In addition, students will hone design and technical skills leading to performance in the capacity of at least one of the following: Stage Manager, Set/Light/Sound/Costume/Make-Up Designer, Stage Technician.

*Required Introduction/History courses: Select 3 units from the following:*

- TH ART 2, Introduction to the Theatre (3)
- TH ART 5, History of World Theatre (3)

*Required Stagecraft Course:*

- TH ART 20, Stagecraft (3)

*Required Production Workshop courses: Select 3 units from the following:*

- TH ART 18A, Technical Theatre Production Workshop (1)
- TH ART 18B, Technical Theatre Production Workshop (2)
- TH ART 18C, Technical Theatre Production Workshop (3)

*Elective Courses: Select at least 10 units from the following:*

- TH ART 21, Scenic Painting Techniques (3)
- TH ART 22, Stage Lighting (3)
- TH ART 23, Projection and Light Design (3)
- TH ART 25, Introduction to Theatrical Sound (3)
- TH ART 26, Introduction to Stage Costuming (3)
- TH ART 28A, Beginning Stage Make-up (1)
- TH ART 28B, 3D and Theatrical Styles Make-up (1)
- TH ART 31, Introduction to Stage Management (3)
- TH ART 32, Scenic Design (2)

## THEATRE, ASSOCIATE DEGREE

The program provides instruction and training in the field of Theatre Arts. A comprehensive curriculum in areas of Acting, Voice, Movement, Theatrical Styles, Theatre History, Production and Technical Theatre prepares students for university transfer and future careers. The program seeks to empower students at all levels to hone their performance, technical or critical/analytical skills through active and rigorous engagement in their areas of study.

The program makes effort to instill a sense of responsibility in students and a desire for excellence in their craft.

The department's curriculum focuses on providing education and experience towards mounting theatrical productions. Performance related classes one skill enabling the actor to audition and perform with confidence. Technical Theatre classes provide students with the knowledge and skills to tackle various aspects of technical theatre. Department productions are student cast and run by student crews.

**Program Learning Outcomes:** Upon completion of this program, students will be able to evaluate and appreciate a theatrical performance by recognizing the inherent components that go into creating theatre, including the research involved, the collaboration among designers and directors, the rehearsal process, and the technical skills involved in making a play come to life. In addition, students will hone performance, design, and analytical or technical skills leading to performance in the capacity of at least one of the following: Actor, Director, Stage Manager, Set/Light/Sound/Costume/Make-up Designer, Stage Technician, Reviewer, Educated Audience Member.

*Required Core Courses: (14 units)*

- TH ART 5, History of World Theatre (3)
- TH ART 10A, Voice Development for the Stage (3)
- TH ART 15, Stage Movement for the Actor (1)
- TH ART 20, Stagecraft (3)
- TH ART 28A, Beginning Stage Make-up (1)
- TH ART 41, Acting 1 (3)

*Required Production Workshop Courses: (3 units minimum)*

- TH ART 18A, Technical Theatre Production Workshop (1)
- TH ART 18B, Technical Theatre Production Workshop (2)
- TH ART 18C, Technical Theatre Production Workshop (3)
- Technical Theatre Courses: Select 1 course from the following: (3 units)
- TH ART 21, Scenic Painting Techniques (3)
- TH ART 22, Stage Lighting (3)
- TH ART 23, Projection and Lighting Design (3)
- TH ART 25, Introduction to Theatrical Sound (3)
- TH ART 26, Introduction to Stage Costuming (3)
- TH ART 31, Introduction to Stage Management (3)

*Advanced Performance Courses: Select 1 course from the following: (2 units)*

- TH ART 10B, Advanced Voice Development for the Stage (3)
- TH ART 13, Stage Dialects (2)
- TH ART 16, Advanced Stage Movement for the Actor (2)
- TH ART 38A, Beginning Stage Direction (3)
- TH ART 42, Acting II (3)
- TH ART 43, Acting, Historical Styles – Early (3)
- TH ART 44, Acting, Historical Styles – Late (3)
- TH ART 45, Musical Theatre Workshop (3) (*same as MUSIC 45*)
- TH ART 50, Advanced Production: Full Length Play (3)
- TH ART 52, Advanced Production: Musical Theatre (5)
- TH ART 53, Production for the Younger Audience (3) (*same as MUSIC 46*)
- TH ART 55, Advanced Production: Small Theatre Venue (1)

## Transfer

See *General Education*

See *Liberal Arts*

See *Science*

## Turkish

See *Modern Languages*

## Urban Studies

See *Geography*

## Women's Studies

The Women's Studies program studies the history, sociology and politics of women in society. The area of emphasis examines the oppression of women throughout history, and also the ways in which women have taken power over their lives. Students will better understand the impact of women and gender on various cultures at various times and evaluate changing social patterns and the effects of institutions and cultural assumptions. The Women's Studies area of emphasis can lead to a variety of careers including a community organizer, political lobbyist and political strategist. This degree may also prepare the student for further study at the baccalaureate level.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

### Programs Offered:

- Transfer Preparation
- Women's Studies Associate Degree

### TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at [assist.org](http://assist.org).

A listing of private, non-profit California colleges and universities can be found online at [aiccu.edu](http://aiccu.edu). For articulation agreements between SMC and some of these institutions see [smc.edu/articulation](http://smc.edu/articulation).

### WOMEN'S STUDIES, ASSOCIATE DEGREE

**Program Learning Outcomes:** Upon completion of the program, students will demonstrate through oral and written work a familiarity with the basic principles from the field of women's studies and feminist theories, and be prepared to pursue further study at the baccalaureate level. In addition, students will be proficient in the research, analytical, and communication skills necessary to present an analysis of the challenges facing women in the world today and the proposed solutions to these challenges.

### Required Core Courses: (6 units)

WOM ST 10, Introduction to Women's Studies (3)

WOM ST 80, Women's Studies Leadership Practicum (3) (formerly WOM ST 8)

### Related Disciplines (18 units)

Minimum of 1 course from each of the following areas, plus 2 additional courses from any area:

#### AREA 1: (minimum 3 units)

WOM ST 20, Women, Feminism, and Social Movements: A Global Approach (3)

WOM ST 30, Women and Popular Culture (3)

#### AREA 2: (minimum 3 units)

ANTHRO 14, Sex, Gender and Culture (3)

COM ST 36, Gender and Communication (3)

HIST 52, The History of Women in American Culture (3)

SOCIOL 33, Sociology of Sex and Gender (3)

#### AREA 3: (minimum 3 units)

ANTHRO 2, Cultural Anthropology (3)

PSYCH 25, Human Sexuality (3)

SOCIOL 1, Introduction to Sociology (3)

SOCIOL 12, Sociology of the Family (3)

#### AREA 4: (minimum 3 units)

COM ST 37, Intercultural Communication (3) (formerly Speech 7)

ENGL 39, Images of Women in Literature (3)

FILM 6, Women in Film (3)

MEDIA 10, Media, Gender and Race (3) (formerly Communication 10)

## Zoology

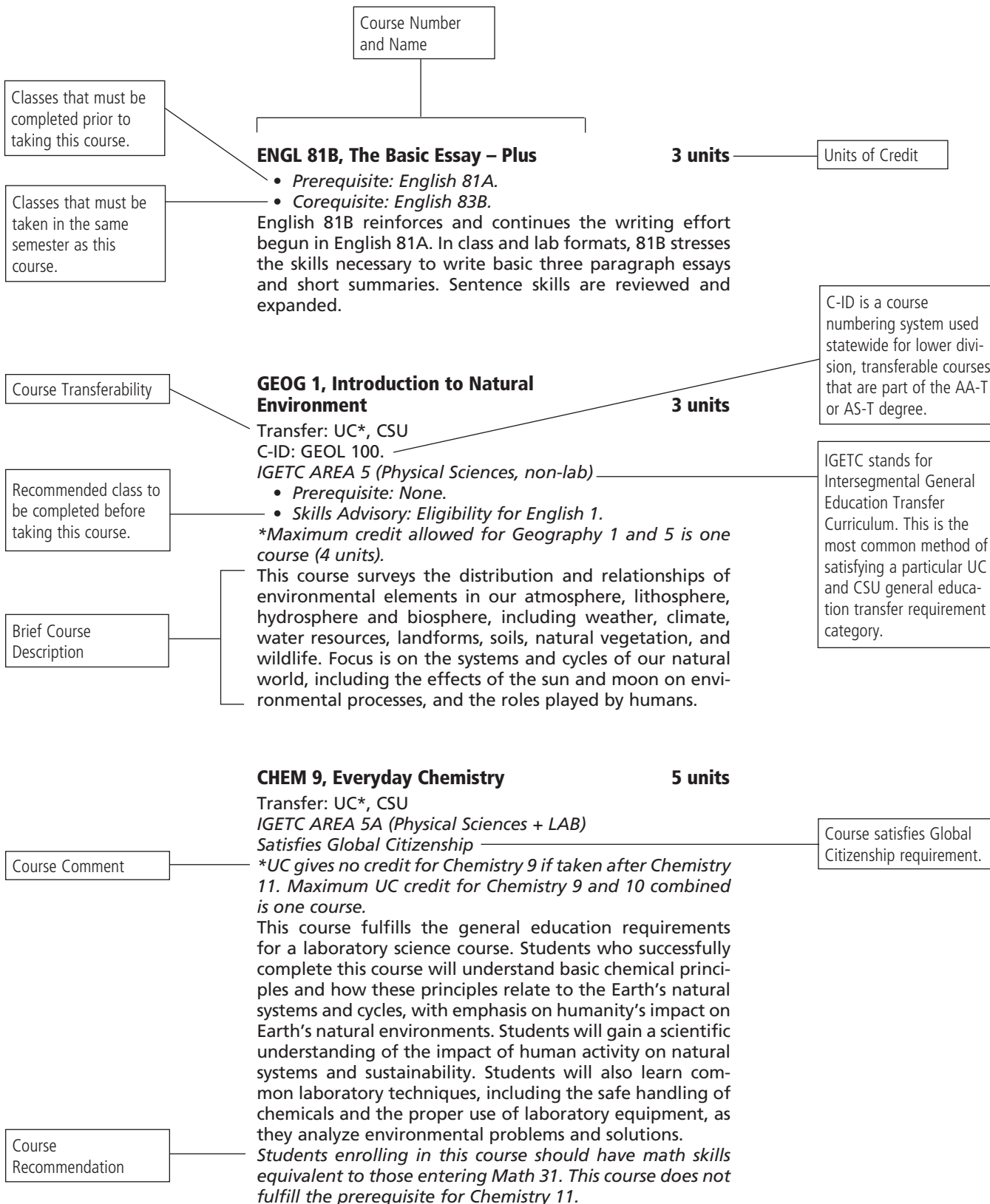
See *Biological Sciences*



# Course Descriptions



# How to Read the Course Descriptions



# Accounting

## ACCTG 1, Introduction to Financial Accounting 5 units

Transfer: UC, CSU

C-ID: Students must take ACCTG 1 and 2 to earn the equivalent of C-ID ACCT 110.

- *Prerequisite: None.*
- *Advisory: Math 20.*

This course introduces the student to the sole proprietorship, partnership, and corporate forms of ownership. This course also familiarizes the student with recording, classifying and interpreting financial data for service and merchandising businesses. It includes a study of the journals, ledgers and financial statements used by these entities. Also covered are computerized accounting systems, internal control, ethics, cash, accounts and notes receivable, merchandise inventory, plant assets and intangible assets, liabilities, and equity accounts. Basic managerial accounting topics are also introduced.

## ACCTG 2, Corporate Financial and Managerial Accounting 5 units

Transfer: UC, CSU

C-ID: ACCT 120; Students must take ACCTG 1 and 2 to earn the equivalent of C-ID ACCT 110.

- *Prerequisite: Accounting 1.*

This course continues the study of introductory financial accounting principles begun in Accounting 1 and also covers introductory managerial accounting. The financial accounting portion of the course (2 units) covers the corporate form of business organization, bond financing, installment notes and other long-term liabilities, investments in debt and equity securities, international operations and the Statement of Cash Flows, corporate financial statement preparation and analysis and other GAAP and IFRS considerations. The managerial portion of the course (3 units) covers accounting concepts relevant to internal users rather than third party users of financial statements. Managerial accounting study includes full absorption and variable costing, cost accounting for job order and for mass produced goods (process costing), just-in-time, activity-based and total quality management approaches to costing manufacturing operations. Also studied are segment reporting, performance measurement, cost-volume-profit analysis, flexible budgeting, capital expenditure budgeting, standard costing, responsibility accounting, and decision making processes. Ethical issues surrounding these topics are also addressed.

## ACCTG 6, Accounting Consolidations 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 10C.*

This course begins with the study of business combinations and covers in depth the preparation of consolidated financial statements. This course also covers accounting for estates and trusts.

*ACCTG 6 and ACCTG 7 may be taken in either order, or concurrently. It is not necessary to take ACCTG 6 prior to taking ACCTG 7.*

## ACCTG 7, Advanced Accounting: Special Topics 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 10C.*

This course covers special accounting topics including accounting for foreign currency transactions, translation of foreign currency financial statements, accounting for partnerships, state and local governments, not-for-profit entities and accounting research.

*ACCTG 6 and ACCTG 7 may be taken in either order, or concurrently. It is not necessary to take ACCTG 6 prior to taking ACCTG 7.*

## ACCTG 9, Accounting Ethics 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 1 or 21.*

This course surveys professional ethics for the accounting profession in the context of ethical theory, the history of ethical thought, the nature of accounting, tax and auditing fiduciary responsibilities, the rules of accounting codes of conduct, financial statement representations and fraud, and the theoretical and practical application of ethical principles to business situations. Topics include ethical standards specific to the accounting profession, an examination of the balance between the competing interests of the accountant's roles as management consultant and reporter of financial information to third parties, and the interests of businesses, government and professional regulatory agencies and the public. Reading, writing, analysis and discussion are core elements of the class.

## ACCTG 10A, Intermediate Accounting A 3 units

Transfer: CSU

- *Prerequisite: Accounting 2.*

Basic pronouncements of the Financial Accounting Standards Board and their applications to accounting are covered in this course, along with cash, receivables, temporary investments, the time value of money, income and cash flow statements and estimating procedures.

## ACCTG 10B, Intermediate Accounting B 3 units

Transfer: CSU

- *Prerequisite: Accounting 2.*
- *Advisory: Accounting 10A.*

This course includes study of the basic pronouncements of the Financial Accounting Standards Board and their applications to accounting. In this course, the following are covered in detail: inventories, land, buildings, equipment, intangible assets, current and long term liabilities and contingencies and stockholders' equity (paid-in capital and retained earnings).

## ACCTG 10C, Intermediate Accounting C 4 units

Transfer: CSU

- *Prerequisite: Accounting 2.*
- *Advisory: Accounting 10A.*

This course includes study of the pronouncements of the Financial Accounting Standards Board and other primary source GAAP and their applications to accounting for corporations. The following are covered in detail in this course: investments, earnings per share, financial statement analysis, revenue recognition, accounting for income

taxes, pensions, leases, and full disclosure in financial reporting.

### **ACCTG 11, Cost Accounting** **3 units**

Transfer: CSU

- *Prerequisite: Accounting 2.*

This course focuses on cost accounting theory with emphasis on job order and process cost accounting, accounting methods for material, labor, and factory overhead, and preparation of financial statements from cost data. Topics include cost management concepts, activity cost behavior, job order costing, process costing, budgeting, standard costing, cost/volume/profit analysis, and tactical decision-making.

### **ACCTG 12, Auditing** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 2.*

This course covers the role and responsibility of certified public accountants in the audit of financial statements. Emphasis will be placed on verification of balance sheets and internal control of accounting systems and accounting cycles. Topics include AICPA and PCAOB auditing standards, professional ethics, legal liability, internal control, audit sampling and audit reports.

### **ACCTG 15, Individual Income Taxes** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 1 or 21.*

Internal Revenue Service tax laws and regulations and accounting procedures are studied in this course to enable the tax professional to apply the information to completing federal individual income taxes.

### **ACCTG 16, Taxation of Corporations, Partnerships, Estates and Trusts** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 2.*

This course covers tax laws and the reporting requirements of the Internal Revenue Service as applied to corporations, partnerships, estates and trusts.

### **ACCTG 17, Income Tax Preparation (CTEC-Approved)** **4 units**

Transfer: CSU

- *Prerequisite: None.*

This comprehensive course is intended for individuals to enter the tax profession and enable them to prepare individual tax returns for the general public, including individual taxpayers who operate sole-proprietor businesses. At the completion of the course, students will be able to prepare most individual tax returns and Schedule C for small business returns. This tax course is a qualified course by the California Tax Education Council (CTEC) and fulfills the requirements to become a California Registered Tax Preparer (CRTP).

### **ACCTG 21, Business Bookkeeping** **3 units**

- *Prerequisite: None.*

This course surveys basic bookkeeping principles and practices and the use of records to help bookkeepers and business owners/managers better understand common business

terms, transactions, and record keeping in small businesses. This course provides the student with the basic accounting concepts and procedures required for all businesses. Through lecture and problem solving, the student will learn to do a full set of books pertaining to a small business enterprise. Topics covered include analyzing and classifying business transactions, financial statements, worksheets and adjusting entries, bank reconciliations, payroll, specialized journals, and tax aspects of small businesses.

### **ACCTG 22, Advanced Bookkeeping** **3 units**

Transfer: CSU

- *Prerequisite: Accounting 21.*

This course is a continuation of ACCT 21, and this course extends the bookkeeping principles and practices to a merchandising enterprise. Through lecture and problem solving, students will learn how to account, manage and report merchandising activities for a small enterprise. Major topics covered are accruals and deferrals, financial statements and closing procedures, including specific topics in Accounts Receivable and Uncollectible Accounts, Notes Receivable and Payable, Inventory, and Property, Plant and Equipment and Partnership.

### **ACCTG 31A, Excel for Accounting** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 1 or 21.*

This course entails the detailed application of accounting principles using Excel. Topics include creating professional worksheets, the use of formulas and functions, charts, database, basic macros, and other Excel features with emphasis on accounting as a financial analysis tool.

*This course uses Microsoft Excel 2013 professional.*

### **ACCTG 31B, Advanced Excel for Accounting** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 2 and 31A.*

This course includes the advanced application of Excel for accounting features. Topics include the use of complex Excel functions and formulas, advanced Charts, advanced database features, Consolidation, Data Validation, PivotTables and PivotCharts, an introduction to Visual Basic, and other advanced Excel features with emphasis on accounting as a financial analysis tool.

*This course uses Excel 2013.*

### **ACCTG 45, Individual Financial Planning** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides students with the tools to achieve their personal financial goals. It will help them make informed decisions related to spending, saving, borrowing, and investing. Topics covered include personal financial planning; money management; tax strategy and the decision processes and behaviors underlying consumer credit; purchasing decisions; insurance; investing in stocks, bonds, mutual funds, and real estate; retirement; and estate planning.

*Accounting 45 is the same class as Business 45. Students may earn credit for one, but not for both.*



**ACCTG 88A, Independent Studies in Accounting 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**ACCTG 88B, Independent Studies in Accounting 2 units**

Transfer: CSU

Please see "Independent Studies" section.

**ACCTG 88C, Independent Studies in Accounting 3 units**

Transfer: CSU

Please see "Independent Studies" section.

**ACCTG 90A, Accounting Internship 1 unit**

Transfer: CSU

Please see "Internships" section.

**ACCTG 90B, Accounting Internship 2 units**

Transfer: CSU

Please see "Internships" section.

## Administration of Justice

**AD JUS 1, Introduction to Administration of Justice 3 units**

Transfer: UC (pending), CSU

C-ID: AJ 110.

- *Prerequisite: None.*

This course provides students with an overview of the characteristics of the criminal justice system in the United States. An emphasis is placed on examining the structure and functions of the police, courts and corrections. The following additional topics are explored: the origins of criminal law, theories of crime, the adjudication of a criminal case, measurement of crime, the evolution of the principles and approaches utilized by the justice system, the social impact of crime, sentencing policies and related subject areas.

**AD JUS 2, Concepts of Criminal Law 3 units**

Transfer: UC (pending), CSU

C-ID: AJ 120.

- *Prerequisite: None.*

This course examines the doctrines of criminal liability in the United States. It covers topics which include the sources of law, the elements of a crime, the classification of crime, the nature of credible evidence, the adversary system, criminal defenses and related subjects. The course utilizes case studies to ascertain and analyze the concepts of criminal law. It also provides a foundation for upper division criminal justice courses.

**AD JUS 3, Legal Aspects of Evidence 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course explores types of evidence and legal rules governing its admission and exclusion in a criminal court proceeding. A special emphasis is placed on examining the key rules pertaining to witness competency, privileged communications, confessions, hearsay statements and identification procedures. Case studies and judicial decisions interpreting the evidence rules are also included.

**AD JUS 5, Criminal Investigation 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course examines the basic principles, procedures and ethical challenges involved in criminal investigation. The topics covered include the organization of the investigative process, scientific analysis of physical evidence, crime scene management, documentation of evidence, interviews and interrogation, sources of information, surveillance, and the role of the investigator in the trial process.

## American Sign Language

For non-credit American Sign Language courses, please see "Counseling-Adult Education."

**ASL 1, American Sign Language 1 5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

This is an introductory course of American Sign Language (ASL) with an emphasis on signing, receptive skills, signing parameters, the glossing system and numbers. This course provides a historical introduction, cultural awareness and cross-cultural adjustment skills. Non-verbal communication is emphasized. Homework assignments will include, but are not limited to, attendance and involvement at community events. Language Lab is required.

**ASL 2, American Sign Language 2 5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Arts and Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: American Sign Language 1\*.*

\*The advisory for this course is comparable to two years of high school American Sign Language.

This course is a continuation of American Sign Language 1. Instruction will include further studies of the elementary skills for the fundamentals of American Sign Language: grammar, receptive, and expressive. There will also be extensive instruction on the Deaf Culture and Community, which will be presented in readings, videos and discussion in American Sign Language. Non-verbal communication is emphasized. Language lab is required.

## Anatomy

Please see listing under "Biological Sciences."

## Anthropology

Some of the courses listed in this section are accompanied by Supplemental Instruction. Supplemental Instruction (SI) is an academic assistance program that utilizes free peer-assisted weekly study sessions to help students learn the most difficult course content. For more information, please see the SI website at [smc.edu/si](http://smc.edu/si).

**ANTHRO 1, Physical Anthropology 3 units**

Transfer: UC\*, CSU

*IGETC AREA 5B (Biological Sciences, non-lab)*

- *Prerequisite: None.*

- *Skills Advisory: Eligibility for English 1.*

\*Maximum credit allowed for Anthropology 1 and Anthropology 5 is one course (4 units).

A survey of human biology, this course focuses on human origins and evolution by investigating the major aspects of physical anthropology including Mendelian and human genetics, primate and hominid evolutionary processes, contemporary human variability and facets of primate ethology and human behavior that make our species unique in the animal kingdom.

### **ANTHRO 2, Cultural Anthropology** 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Cultural Anthropology is the study of human society and culture, analyzing both similarities and differences amongst cultural groups. This course will introduce students to important socio-cultural concepts used by cultural anthropologists including material culture, social organization, religion, kinship, ritual and symbolic systems, race, ethnicity, and language amongst others. Students will examine how cultural anthropologists understand the notion of culture in the study of human behavior in different regions of the world. The ethnographic method as a key methodology will be stressed throughout this course.

### **ANTHRO 3, World Archaeology** 3 units

Transfer: UC\*, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

\*Maximum UC credit allowed for Anthropology 3 and Anthropology 4 is one course (3 units).

This course is an introduction to the archaeological record documenting the evolution of human culture from the earliest stone tool makers to the primary civilizations of the Old and New Worlds. Topics include hunter-gatherer adaptations, the invention and spread of agriculture, and the development of civilizations. Archaeological techniques and methods are introduced as the means for understanding these developments.

### **ANTHRO 4, Methods of Archaeology** 3 units

Transfer: UC\*, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- *Prerequisite: None.*

\*Maximum UC credit allowed for Anthropology 3 and Anthropology 4 is one course (3 units).

This is an introductory lecture class on the field and laboratory methods used by archaeologists to understand our past. Topics include the scientific method, archaeological research design, archaeological reconnaissance, excavation, relative and absolute dating techniques, analyses of archaeological remains, and Cultural Resource Management.

### **ANTHRO 5, Physical Anthropology with Lab** 4 units

Transfer: UC\*, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

\*Maximum credit allowed for Anthropology 1 and Anthropology 5 is one course (4 units).

A survey of human biology, this course focuses on human origins and evolution by investigating the major aspects of physical anthropology including Mendelian and human genetics, population genetics, primate and hominid evolutionary processes, contemporary human variability, and facets of primate ethology and human behavior that make our species unique in the animal kingdom. This course consists of three hours of lecture and three hours of laboratory work weekly. The laboratory projects will parallel the lecture topics hence the lab projects will pertain to genetics, human variation, primate anatomy, human osteology, and analysis of hominid (human) and primate fossils.

### **ANTHRO 7, Introduction to Linguistic Anthropology** 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course introduces the student to the place of language in society and how it varies in different cultures. The course explores how language changes in different segments of society, the relationship between dialects and social hierarchy, and language variations between genders. Students will learn to analyze linguistic expressions such as oral story-telling, poetry, and narratives from a cross-cultural perspective. Also students will discuss the role of language in issues related to nationalism.

### **ANTHRO 9, Paleoanthropology** 3 units

Transfer: UC, CSU

IGETC AREA 5B (Biological Science)

- *Skills Advisory: Eligibility for English 1.*

This course focuses on the evolutionary history of our species, Homo sapiens, through an examination of the paleontological record of primate and human origins. It examines the latest ideas on comparative primate and human paleobiology and places these developments within the conceptual framework of modern evolutionary theory.

### **ANTHRO 10, Forensic Anthropology** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course presents an overview of forensic anthropology, an applied field of physical anthropology. The course emphasis is on the current techniques used in the analysis of human skeletal remains, medico-legal procedures, and the role of the forensic anthropologist in the investigative process. Examines the basics of bone biology, methods of skeletal analysis, recognition of pathology and trauma, and the techniques used in crime scene investigation and individual identification.

### **ANTHRO 14, Sex, Gender and Culture** 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course presents a cross-cultural survey of the position of men and women within an anthropological framework. It assesses, in a comparative fashion, the biological basis

of sexual differentiation and the cultural interpretation of these differences through "gender roles." Comparative materials from tribal, non-western, non-industrial, and western cultures will be used to illustrate the variety of gender roles and expectations. The course focuses on cultural institutions as fundamental in creating, defining, and reinforcing gender roles. Economics, politics, the arts, ethnicity, race, religion, kinship, world view, language, and other issues which influence choices, opportunities and limitations tied to gender will be examined.

### **ANTHRO 19, The Culture of Food** 3 units

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

Food nourishes not only our bodies, but also our souls, and plays a critical role in the identity formation of individuals and groups of people in society. This course explores how different cultural systems throughout the world shape the production, distribution and consumption of food. This course utilizes a cross-cultural focus to investigate the social, cultural, and ecological aspects of food, food products, and food resources in a global, historical, and comparative perspective.

### **ANTHRO 20, Traditional Peoples and Cultures of Africa** 3 units

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is a survey of general traditional African subsistence modes, illustrated by specific examples of cultures practicing a particular mode of life. Traditional kinship, political development, economic systems, religions and the arts are studied in the context of culture areas and subsistence modes. The focus of the course is on societies before colonial penetration, but discussions of more recent issues are included when germane. The study of indigenous peoples is placed in the context of broader human socio-cultural behavior and its products, including material culture, social organization, religion, language, and other symbolic systems and discussion of the dynamics of culture, are included in this study.

### **ANTHRO 21, Peoples and Power in Latin America** 3 units

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course will introduce students to the historical and cultural use of power by peoples and cultures in Latin America. We will investigate the use of power of Latin American peoples and cultures who lived prior to contact with Europeans, in colonial and post-colonial culture in Latin America, as well as in contemporary Latin American society. The investigation of the power of the US/Mexican border and of globalization within Latin America will also be covered in this course. A cross-cultural perspective will be employed drawing from examples in Mexico and Central America, the Caribbean, South America, and from the influence of countries outside of Latin America including the United States, England, France, Portugal,

Spain, China, and Japan. Power relations included in the notions of race, class, gender and sexuality, immigration and migration, and indigenism (amongst others), as they are practiced in Latin America, are explored throughout the semester.

### **ANTHRO 22, Magic, Religion, and Witchcraft** 3 units

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*

The purpose of this course is to explore in a cross-cultural context the nature of religion and the relationships of individuals and societies to supernatural forces and persons. The course will examine general patterns of religious behavior throughout the world, delineate different theories of religion and see how they apply in various cultures. By the end of the course, the student should be able to identify several definitions and theories of religion and to discuss their merits with regard to specific cases.

### **ANTHRO 35S, Archaeological Field Techniques** 3 units

Transfer: CSU

- *Prerequisite: None.*

This course introduces students to the basic techniques involved in archaeological fieldwork. Students will learn various methods of excavation and how they are tied to a research design. Lectures will supplement hands-on excavation by providing pertinent historical and theoretical background to the ongoing scientific research.

### **ANTHRO 88A, Independent Studies in Anthropology** 1 unit

Transfer: CSU

Please see "Independent Studies" section.

### **ERTHSC 88A, Independent Studies in Earth Science** 1 unit

Transfer: CSU

Please see "Independent Studies" section.

### **ERTHSC 88B, Independent Studies in Earth Science** 2 units

Transfer: CSU

Please see "Independent Studies" section.

## **Arabic**

Additional hours to be arranged in the Modern Language Lab for Arabic 1. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

### **ARABIC 1, Elementary Arabic 1** 5 units

Transfer: UC, CSU

*IGETC AREA 6A Foreign Language*

- *Prerequisite: None.*

This course introduces basic vocabulary and the fundamentals of Modern Standard Arabic grammar, structure, pronunciation as well as reading, writing, and speaking. Using natural and audio-lingual approaches, the course prepares students to understand spoken Arabic, to hold simple conversations, read, and write short descriptive compositions in Arabic. Aspects of contemporary Arabic

culture and Arabic history are covered as well. Language lab is required.

## Art

### ART 10A, Design I 3 units

Transfer: UC, CSU

- *Prerequisite: None.*

This is an introductory course in the theory and application of the elements of 2-D design. Assignments will focus on the following design principles: line, value, form, scale, light, logic, space, depth, texture, pattern, composition and color theory. This course is required for all art majors.

### ART 10B, Design II 3 units

Transfer: UC, CSU

- *Advisory: Art 10A.*

This course is a continuation of the study of the fundamentals of design with special emphasis on thought and design concepts with portfolio oriented projects and an introduction to 3-D design. Required for art majors.

### ART 10C, Computer Design 3 units

Transfer: UC, CSU

- *Advisory: Art 10A.*

This course is a continuation of the theory and application of the principles and elements of fine art and design on the computer. Introducing the basics of computer operation for digital imaging applications, scanner technologies, and learning how to apply visual design concepts with digital media. This course serves as preparation for further study in the computer arts by providing an overview of theoretical issues related to the use of computers in fine art disciplines. Studio projects focus on integrating visual design principles with digital imaging technology and personal expression.

### ART 13, 3D Design 3 units

Transfer: UC, CSU

C-ID: ARTS 101.

- *Advisory: Art 10A.*

This course explores the basic problems in 3D design using plastic, metal, wood and other materials. (Recommended for design, gallery installation, ceramic and sculpture majors.)

### ART 15, Lettering 3 units

Transfer: CSU

- *Advisory: Art 10A.*

This course covers calligraphy, including hand-written letter forms and type faces, styles, proportion, lay-out and spacing as applied in personal correspondence, advertising, layout and brochures.

### ART 17A, 3D Jewelry Design I 3 units

Transfer: CSU

- *Advisory: Art 10A and 20A.*

This course explores jewelry design and silversmithing as an art form and includes both fabricating and lost-wax casting techniques.

### ART 17B, 3D Jewelry Design II 3 units

Transfer: CSU

- *Advisory: Art 17A.*

This course is a continuation of jewelry fabrication and casting, emphasizing the expressive use of non-ferrous metal construction techniques including chain making, surface embellishments, alternative casting, and hollow container construction.

### ART 20A, Drawing I 3 units

Transfer: UC, CSU

C-ID: ARTS 110.

- *Prerequisite: None.*

This fundamental course is focused on representational drawing and composition using various black and white media. Introduction to principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Focus on perceptually based drawing, observational skills, technical abilities, and creative responses to materials and subject matter. See counselor regarding transfer credit limitations.

### ART 20B, Drawing II 3 units

Transfer: UC, CSU

- *Advisory: Art 20A.*

This course is a continuation of Art 20A with emphasis on color, the compositional aspects of drawing, advanced integration of basic drawing principles, and the development of individual expression. Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

### ART 20C, Digital Drawing 3 units

Transfer: UC, CSU

- *Advisory: Art 10C.*

This course is designed for students who are interested in broadening their range of drawing options by integrating traditional fine art drawing skills with digital technologies. Focus will be on exploration of the principles of drawing in their simplest form: marks, lines, shapes, light, perspective, proportion and spatial relationships. Using a combination of vector based and digital imaging software applications combined with traditional hands-on techniques, students will create drawing projects on the computer, as well as maintain a notebook of hands-on sketches. This course is a continuation of the compositional theories and skills developed in fundamental drawing classes, with an emphasis on preparing students to build upon their digital skills and fine art concepts and to develop personal directions in drawing.

### ART 21A, Drawing III 3 units

Transfer: UC, CSU

C-ID: ARTS 200.

- *Advisory: Art 20B.*

This is a drawing course with major emphasis on drawing from a live model in a variety of both black and white and color media. This course emphasizes anatomical and skeletal structures.

### ART 21B, Drawing IV 3 units

Transfer: UC, CSU

- *Advisory: Art 21A.*



This course is a continuation of Art 21A including composition and interpretation of drawing the figure in various media.

**ART 30A, Beginning Watercolor Painting I** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A or 20A.*

This is an introductory course to water media painting with emphasis on watercolor technique, composition, and formal theory. A spectrum of wash, glaze, and gouache techniques are explored using principles of color theory, composition, and space building concepts.

**ART 30B, Watercolor Painting II** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A or 20A or 30A.*

An advanced course in watercolor media, subjects may include the figure, landscape, and location painting.

**ART 30C, Acrylic Painting Techniques** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A and 20A.*

This course will focus on the basics of drawing and painting with Acrylics and Mixed Media. Acrylics are a fast drying medium that is ideally suited for the beginning art student interested in Commercial Arts as well as Fine Arts. Students will develop skills in conceptual and observational painting through still life and assignments geared toward illustration. Assignments are based on typical areas of concentration found in the field, including conceptual, decorative, surreal, editorial, design, narrative, portrait, realistic and on the practical aspect of a career in illustration.

**ART 31, Beginning Oil Painting** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A and 20A.*

This an introductory course in oil painting. This course will emphasize building a foundation for executing and understanding paintings with coursework focusing on the use and application of painting materials, composition, and theory.

**ART 32, Intermediate Painting** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A and 20A.*

This course is an intermediate course in painting with a variety of types of subject matter. This course will emphasize the further use of oil paint or acrylic.

**ART 33, Advanced Painting** **3 units**

Transfer: UC, CSU

- *Advisory: Art 32 and 21A.*

This course will focus on painting from the live model. The ability to use the figure as a carrier of concepts and emotional content will be addressed, as well as light and its application to the human form. This course will continue to develop the understanding of the use and application of painting materials, composition, and theory.

**ART 34A, Contemporary Art Theory and Practice** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is an interdisciplinary studio course that explores art practices and issues underlying contemporary fine art

activity with an emphasis on the influence of modern and postmodern perspectives. The nature, origins, methods, and implications of various art movements and genre are examined and the dissolution of traditional boundaries between media categories are explored including installation, appropriation, semiotics, performance art, art and technology, and digital and/or video art. Using traditional and/or alternative media, students develop a personal visual language for the creation of content-oriented art works. Portfolio development for transfer is emphasized.

**ART 34B, Contemporary Art Theory and Practice** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Art 34A.*

This course is structured to further encourage each student in the development of a personal visual language for the creation of content-oriented art works leading to a portfolio for transfer purposes. Both traditional and non-traditional art genres will be explored including installation, video, and performance. Emphasis will be placed on combining formal studio skills with an idea or concept to produce crafted and unified artworks.

**ART 35, Airbrush Techniques** **3 units**

Transfer: CSU

- *Advisory: Art 10A or 20A.*

This course introduces the use of the airbrush in fine art, design and illustration, including exercises in freehand air painting, masks, and stencils.

**ART 40A, Sculpture I** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A or 20A.*

Formal and spatial problems in sculpture are covered in this course which emphasizes modeling with clay and stone carving.

**ART 40B, Sculpture II** **3 units**

Transfer: UC, CSU

- *Advisory: Art 40A.*

This is a continuation of Art 40A with further exploration of sculptural materials and techniques. Emphasis is on individual growth and direction.

**ART 40C, Sculpture III** **3 units**

Transfer: UC, CSU

- *Advisory: Art 40B.*

This course offers the advanced sculpture student the opportunity to further explore stone carving using pneumatic tools. Emphasis is on individual interpretation.

**ART 41A, Figure Modeling Sculpture I** **3 units**

Transfer: UC, CSU

- *Advisory: Art 21A or 40A.*

Sculpting the human figure in clay is studied. Emphasis is on relief and full figure over an armature, using live models.

**ART 41B, Figure Modeling Sculpture II** **3 units**

Transfer: UC, CSU

- *Advisory: Art 41A.*

This continuation of Art 41A utilizes problems in figure composition, individual interpretation of the figure, and exploration of various media.

### **ART 43A, Glass Sculpture I** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A or 20A.*

This course explores form and function utilizing free blown and poured glass, glass construction and glass in combination with other materials, emphasizing design, construction techniques, and proficiency in the art of off-hand glassblowing.

### **ART 43B, Glass Sculpture II** **3 units**

Transfer: UC, CSU

- *Advisory: Art 43A.*

This course further explores form based on techniques acquired in Art 43A. Advanced techniques such as slumping, fusing, molds, surface decoration, and coloring are covered.

### **ART 52A, Ceramics I** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A.*

This is a ceramic design and construction course using basic hand building methods and wheel throwing. Emphasis is on surface decoration and glazing.

### **ART 52B, Ceramics II** **3 units**

Transfer: UC, CSU

- *Advisory: Art 52A.*

This course is a continuation of Art 52A. Emphasis is on wheel throwing, glaze chemistry, stacking, and firing.

### **ART 52C, Ceramics III** **3 units**

Transfer: UC, CSU

- *Advisory: Art 52B.*

This course emphasizes advanced concepts in wheel throwing and creating sculptural forms in a variety of methods. Students will gain increased knowledge of glaze and firing technology.

### **ART 60, Introduction to Printmaking** **3 units**

Transfer: UC, CSU

- *Advisory: Art 20A.*

This is an introductory course in printmaking media and techniques including lino-cut, multi-block woodcut, and etching processes.

### **ART 60B, Introduction to Digital Printing** **3 units**

Transfer: UC, CSU

- *Advisory: Art 20A.*

An introduction to experimental digital print technologies through understanding the digital imaging process from color management to visual concept to final ink-on-paper. Advances the idea of innovative materials and techniques that explore combining both digital and traditional hands-on methods emphasizing individual creative problems. Class projects will be completed on Epson printers (1280, 2200, &4000), including both dye-based and pigment-based inks with a variety of coated ink jet papers and uncoated fine art papers. Students working in all media are welcome to explore a collaborative and interdisciplinary approach to working in a digital image-making environment. A special emphasis on fine art portfolio development

for transfer as well as documentation of art works related to contemporary art practice will be encouraged. Projects, discussions and critiques will focus on issues of intention, process, experimentation, and producing quality digital fine art prints.

### **ART 61A, Etching** **3 units**

Transfer: UC, CSU

- *Advisory: Art 20A and 60.*

This course is an intensive study of etching techniques, using multicolor and black and white processes. Traditional methods of metal etching are also combined with computer generated images and non-toxic photographic techniques.

### **ART 61B, Advanced Etching** **3 units**

Transfer: UC, CSU

- *Advisory: Art 61A.*

This is an advanced course in creating multiple images in black and white and color. Traditional metal etching processes are combined with computer generated images, image transfers, and non-toxic photographic techniques. Emphasis is on multiple plate color images and book making.

### **ART 62, Serigraphy (Silkscreen)** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A and 20A.*

This is an introductory studio course in screen printing techniques, including hand cut and painted stencil application as well as an introduction to photo stencil techniques.

### **ART 63, Lithography** **3 units**

Transfer: UC, CSU

- *Advisory: Art 10A, 20A and 60.*

This course is a study of lithographic processes, past and current techniques, as well as black and white and multi-color processes.

### **ART 90A, Internship** **1 unit**

Transfer: CSU

Please see "Internships" section.

### **ART 90B, Internship** **2 unit**

Transfer: CSU

Please see "Internships" section.

### **ARTS 88A, Independent Studies in the Arts** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **ARTS 88B, Independent Studies in the Arts** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

## **Art History**

### **AHIS 1, Western Art History I** **3 units**

Transfer: UC, CSU

C-ID: ARTH 110.

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Formerly Art 1.

A survey of the chronological development of Western art from the Stone Age to the Gothic Period with emphasis on the cultural, political, and social factors that influenced this evolution. This includes: Near-Eastern, Egyptian, Greek, Roman, Byzantine, Romanesque and Gothic art and architecture.

### **AHIS 2, Western Art History II** **3 units**

Transfer: UC, CSU

C-ID: ARTH 120.

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Formerly Art 2.

This course is a survey of the chronological development of Western art from the Renaissance to the mid 19th Century with emphasis on the cultural, political, and social factors that influenced this evolution. This includes: Renaissance, Baroque, Rococo, Neoclassicism, Romanticism and Realism painting, sculpture and architecture.

### **AHIS 3, Western Art History III** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Formerly Art 8.

A focused survey of the chronological development of art and architecture from Impressionism to the present day. This course will cover the major movements of modern and contemporary art while examining their historical, cultural and philosophical context. Specific attention will be given to art theory and its part in shaping conversations about art history and the contemporary.

### **AHIS 5, Latin American Art History 1** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Art)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the art, architecture, and visual culture of Latin America from pre-history up until European contact. Art objects and monuments from select ancient civilizations of Mexico, Central America, and South America will be placed within their historical, cultural, social, and political contexts.

### **AHIS 6, Latin American Art History 2** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Art)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is an introductory survey of the art, architecture, and visual culture of Latin America from the colonial to the contemporary period. The course examines the introduction and adaptation of European artistic models in the Americas as well as the transformation of American art as a result of the conquest, analyzing a variety of materials and media including urban planning, religious and secular architecture, painting, sculpture, manuscript drawings and prints from the colonial period (1492-1820). Students study materials from the 19th century-- examining the role of the arts in building independent nations--and from the 20th

and 21st centuries, focusing on modern and contemporary art.

### **AHIS 11, Art Appreciation: Introduction to Global Visual Culture** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts and Humanities)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Formerly Art 79.

An introduction to artistic practices by exploring the myriad manifestations of visual culture in our world through a cross-cultural thematic approach. This course examines themes in art like Religion, Power, Reproduction and Sexuality, and traces them across cultures and time periods. Emphasis will be placed on learning the language of visual culture both in terms of the formal elements of design as well as the content of style and subject matter and finding connections and differences. Students will explore the various media of art from drawing, sculpture, fresco, oil, photography, motion pictures, architecture to contemporary advertising and design and investigate how various cultures have used specific media and themes. This course is designed to introduce Fine Art and Art History simultaneously providing a unique opportunity to explore these fields as well as to prepare students for a course of study in Fine Art and Art History.

### **AHIS 15, Mexican Art History** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*

Formerly Art 9.

This course covers the historical development of Mexican art from its pre-Columbian past to the present with a review of painting, sculpture, architecture, and their social, political, religious, and economic relevance.

### **AHIS 17, Arts of Asia – Prehistory to 1900** **3 units**

Transfer: UC, CSU

C-ID: ARTH 130.

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Formerly Art 5.

This course is a survey of the chronological development of Asian art from earliest times to modern times with emphasis on the cultural, political, and social factors which influenced this evolution. The course includes the art of India, China, Japan, Korea, Thailand, Cambodia, and Indonesia.

### **AHIS 18, Introduction to African Art History** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

History and appreciation of the arts of Africa and The African Diaspora. Examines the continent of Africa within historical, cultural, religious, socio-political, and aesthetic contexts, the impact of African art in Europe and the Americas, and contemporary African art.

**AHIS 21, Architectural History: Ancient to 1850 3 units**

Transfer: UC, CSU  
 IGETC AREA 3A (Arts)

- Prerequisite: None.

Formerly Art 6.

A survey of the chronological development of Western architecture from prehistory to the Romanticism of the late 18th and early 19th Centuries. It includes art history and architecture with a worldwide introduction to the history of architecture. The contributions of technology, organizing methodology, intellectual thought, social conditions, and general artistic sensibilities will be addressed. Additionally, historic examples are related to specific, current architectural work.

**AHIS 22, Architectural History and Theory – 1850 to Present 3 units**

Transfer: UC, CSU  
 IGETC AREA 3A (Arts)

- Prerequisite: None.

Formerly Art 7.

Through the use of lectures, slides, and field trips, architecture will be studied from the mid-19th Century social and industrial conditions to current sensibilities represented by various creative individuals, movements and buildings. Cross references will be made to ideas of other arts, socio-political theory, and society in general.

**AHIS 52, History of Photography 3 units**

Transfer: UC, CSU  
 IGETC AREA 3A (Arts and Humanities)

- Prerequisite: None.

Formerly Art 73.

This is a historical survey of the evolving nature of photography from the early 1800's to the present digital age. *AHIS 52 is the same course as Photography 52. Students may receive credit for one, but not both.*

**AHIS 71, African American Art History 3 units**

Transfer: UC, CSU  
 IGETC: 3A (Arts)

- Prerequisite: None.

Formerly Art 71.

This course is a survey of the chronological development of African American art and iconography from the advent of slavery in the United States to the present. It includes Craftsmanship, Painting, Sculpture, Vernacular, and Contemporary Architecture.

**AHIS 72, American Art History 3 units**

Transfer: UC, CSU  
 IGETC AREA 3A (Art)  
 Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Art 72.

A survey of the chronological development of painting, sculpture, and architecture in the United States from its pre-colonial past to the end of World War II. The contributions and influences of a variety of ethnic groups to the diversity of art in the United States will be addressed. The artistic contribution of Native American, African Americans, Asian Americans, Chicano/Latino Americans and European Americans will be studied in the larger context of American society, history, and culture.

**AHIS 90A, Internship in Art History 1 unit**

Transfer: CSU  
 Please see "Internships" section.

## Astronomy

**ASTRON 1, Stellar Astronomy 3 units**

Transfer: UC\*, CSU  
 IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

\*Maximum credit allowed for Astronomy 1 and Astronomy 3 is one course (4 units).

This course provides a comprehensive introduction to the fascinating subject of astronomy with an emphasis on the study of the Sun and other stars. Topics covered include the motions of the sky, a survey of the history of astronomy from Kepler to Einstein, gravity, radiation and matter, astronomical instrumentation, the Sun, stars, star formation, stellar evolution, galaxies and cosmology.

**ASTRON 2, Planetary Astronomy 3 units**

Transfer: UC\*, CSU  
 IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

\*Maximum credit allowed for Astronomy 2 and Astronomy 4 is one course (4 units).

This course provides a comprehensive introduction to the fascinating subject of astronomy with an emphasis on the study of the Earth and the other planets in the solar system. Topics covered include the motions of the sky, a survey of the history of astronomy from the Greeks to Einstein, phases of the moon, eclipses, gravity, the formation of the solar system, the Earth, Terrestrial and Jovian planets, their moons, asteroids, meteoroids, comets and a discussion of extrasolar planets around other stars.

**ASTRON 3, Stellar Astronomy with Laboratory 4 units**

Transfer: UC\*, CSU  
 IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: None.

\*Maximum credit allowed for Astronomy 1 and Astronomy 3 is one course (4 units).

This survey course covers the same material as Astronomy 1 but has a laboratory portion covering astronomical observations. The laboratory portion includes the use of star charts, celestial globes, spectroscopes, optical benches, occasional visits to the planetarium, and computer simulations.

**ASTRON 4, Planetary Astronomy with Laboratory 4 units**

Transfer: UC\*, CSU  
 IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: None.

\*Maximum credit allowed for Astronomy 2 and Astronomy 4 is one course (4 units).

This survey course covers the same material as Astronomy 2, but includes a laboratory section covering astronomical observations. The laboratory portion includes the use of star charts, celestial globes, optical benches, and occasional visits to the planetarium, and computers for computer simulations. It is a one semester survey introduction to the origin and evolution of solar systems, including planetary



atmospheres, interiors, surface features, moons, and their interaction with comets, asteroids, and the solar wind.

### **ASTRON 5, Life in the Universe** 3 units

Transfer: UC, CSU

*IGETC AREA 5A (Physical Sciences, non-lab)*

- *Prerequisite: None.*

This course surveys the latest ideas concerning the origin and evolution of life on earth and discusses how these ideas are influencing our search for life on other planets in our solar system and elsewhere in the Universe. Topics covered include the chemical and biological basis of life, the search for life on Mars, extrasolar planets and the search for extraterrestrial intelligence (SETI).

### **ASTRON 6, Archaeoastronomy** 3 units

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course will stress naked-eye astronomy and the historical development of astronomical thought, from the stone age to modern times. Students will learn about celestial motions and how these motions have shaped various cultural views, and how cultural beliefs and values shaped interpretations of the phenomena seen. We will see how eclipses of the sun and moon helped mark important epochs of time, and how solar and lunar motions were used to help create calendars. The class will study the development of astronomy in western European cultures, American cultures (North America, Mesoamerica, and South America), and non-western cultures (Asia, Africa).

### **ASTRON 7, Cosmology** 3 units

Transfer: UC, CSU

*IGETC AREA 5 (Physical Sciences, non-lab)*

- *Prerequisite: None.*

This course explores how our ideas surrounding the origin, evolution and future of the universe have developed from earliest times until present day. Topics discussed include creation mythology, gravity, matter and radiation, relativity, cosmic expansion and acceleration, the Big Bang, dark matter and dark energy, the cosmic microwave background, inflation and the multiverse.

### **ASTRON 8, Introduction to Astrophysics** 3 units

Transfer: UC, CSU

*IGETC AREA 5A (Physical Sciences, non-lab)*

- *Prerequisite: Math 2.*

A rigorous quantitative introduction to the physics of astronomy for prospective majors and mathematically-minded enthusiasts. The course employs graphing techniques, systems of equations, and geometric analysis to survey a wide range of astronomical phenomena including stellar evolution, planetary physics, and extragalactic cosmology. Emphasis will be placed upon deploying expedient methods of approximation to solve problems in emerging frontiers of research such as exoplanets, brown dwarfs, neutron stars, black holes, quasars, dark matter, and gamma-ray bursts. This curriculum provides an extraordinary opportunity for the motivated student to experience the thrill of applied math in the cosmic context of 21st century astrophysics.

### **ASTRON 9, Astrophysics with Calculus** 3 units

Transfer: UC, CSU

*IGETC AREA 5A (Physical Sciences, non-lab)*

- *Prerequisite: Math 8; and Physics 8 or Physics 21.*

A robust calculus-based treatment of Astrophysics suited for science majors and mathematically-minded enthusiasts. The course makes use of methods in quantitative analysis including dynamical physics, differential and integral calculus, trigonometry and advanced graphing techniques to address a wide range of astronomical phenomena including stellar properties, interior structure, stellar evolution, variable stars, planetary atmospheres and gaseous nebulae, and the large-scale structure of the Universe. Emphasis will be placed on finding analytic solutions to problems in emerging areas of research such as exoplanetary systems, red giants, white dwarfs, supernovae, neutron stars, pulsars, black holes, the interstellar medium, dark matter, active galactic nuclei, gamma-ray bursts, dark energy and big bang nucleosynthesis. This curriculum provides a remarkable opportunity for the motivated student to experience the power of applying calculus-based physics to the frontiers of contemporary astrophysical problems.

### **ASTRON 10, Exploration of the Solar System** 3 units

Transfer: UC, CSU

- *Advisory: Astronomy 2 or 4 or Geology 1 or 4.*

This course provides a geologic and astronomic view of solar system exploration. Current knowledge of the geology of other planets, natural satellites and asteroids is discussed. Current studies in planetary science and how to access and utilize data collected from modern and historic planetary missions and Earth-based studies are also examined.

*Astronomy 10 is the same course as Geology 10. Students may earn credit for one, but not both.*

## **Automotive Technology**

### **AUTO 40, Automotive Maintenance and Operation** 3 units

- *Prerequisite: None.*

This course is an introductory course dealing with the maintenance and operation of the modern automobile. The course familiarizes the student with career opportunities in the automotive industry. Also covered are tools and equipment and safe working practices in the automotive industry.

### **AUTO 45, Automotive Braking Systems** 3 units

- *Prerequisite: None.*

This is a theoretical and practical course in automotive braking systems. It includes operating principles, component description, diagnosis, and service.

### **AUTO 46, Automotive Electrical Systems** 3 units

- *Prerequisite: None.*
- *Skills Advisory: Auto 40 or equivalent.*

This course covers basic electricity and automotive electrical systems such as battery, starting, charging, and electronic ignition. Test equipment and computer systems will also be covered.

**AUTO 47, Suspension and Steering** **3 units**

- *Prerequisite: None.*

This is a course in the principles of automotive suspension, steering systems, and four-wheel suspension alignment. Topics include the two types of steering systems that are widely used in today's consumer vehicles: rack-and-pinion steering, and "recirculating ball" or "worm gear" steering, also known as conventional. This course prepares students for entry-level positions or advanced training in automotive suspension and steering systems, with the opportunity to acquire marketable skills in wheel alignment, and the testing, diagnosis, and repair of steering and suspension systems.

**AUTO 50, Emerging and Alternative Auto Technology** **3 units**

- *Prerequisite: None.*

Students will gain an understanding of the current state of vehicle technology in the U.S. In addition, they will study the impact of alternative fuels, hybrid-electric drives, and other technology emerging in the transportation marketplace. Emissions, fuel economy benefits and regulations, and safety and service requirements will be examined. The interaction of issues such as economic viability, energy independence, the regulatory environment, infrastructure, and the consumer environment will be examined from the standpoint of the ability of each technology to solve transportation-related energy and air pollution problems. The global impact of the automobile will be studied.

**AUTO 90A, Automotive Internship** **1 unit**

- *Prerequisite: Instructor approval required.*

*Students must arrange an approved internship prior to enrolling in this Class. F-1 students must see the Immigration Coordinator at the International Education Center before enrolling.*

The internship program is designed to provide the advanced student with on-site, practical experience in the automotive field. Learning objectives and exit internship evaluation are required.

## Bicycle Maintenance - Noncredit

The following courses are noncredit and free. They do NOT carry academic credit.

**BCYCLE 901, Bicycle Maintenance Level 1** **0 units**

This course provides a basic understanding of bicycle maintenance and adjustments and techniques to fix most common problems. Topics include technical and mechanical skill development, tool selection and use, drive-train systems, wheel and hub systems, brake systems, suspensions, handlebar and stem assemblies. Career pathways in the bicycle industry at the local, national and international levels will be explored.

**BCYCLE 902, Bicycle Maintenance Level 2** **0 units**

This course provides a foundation for those who wish to pursue a career in the bicycle industry including owning their own shops, working at a local bicycle shop, starting their own bicycle-related business, or finding employment in the bicycle industry. Topics in shop operations include

customer service, sales, inventory management, customer segment focus, computer system selection, cash flow projections, establishing and developing vendor relationships, insurance, service ticket writing, pricing, and labor rates.

## Biological Sciences

Students must be present for the first session of biological science classes to be assured of admission to limited laboratory spaces. Students who wish to enroll in a Life Sciences course must demonstrate that they have met the prerequisites for the course prior to enrollment. Continuing students must complete prerequisite courses with a C or better. If currently enrolled in a prerequisite course at SMC at the time of enrollment, students will be admitted to subsequent courses based upon midterm placement results, but will be dropped if the prerequisite course is not completed with a C or better. Students who have successfully completed one or more prerequisite courses (earning a grade of C- or better in both the lecture and lab courses and an average of C (2.0) or better overall) at another institution may be able to verify having met the prerequisites by submitting a transcript and course description and course syllabus for the prerequisite courses.

**ANATMY 1, General Human Anatomy** **4 units**

Transfer: UC, CSU

C-ID: BIOL 110B.

*IGETC AREA 5B (Biological Sciences, + LAB)*

- *Prerequisite: English 1.*

This course is an intensive study of the gross and microscopic structure of the human body including the four major types of tissue and their subgroups, and the following organ systems: integumentary, skeletal, muscular, circulatory, respiratory, digestive, urinary, reproductive, endocrine, nervous, and sensory. Functions of the organ systems are included at the introductory level to prepare students for a course in Human Physiology. Laboratory assignments develop the skills of observation, investigation, identification, discovery and dissection. The use of actual specimens, including cat dissection and observation of a human cadaver, is emphasized to assure that students learn the relative structure, functions, textures and variations in tissues not incorporated in models. Supplemental materials such as models, photographs, charts, videotapes, and digitized images are also provided. This course is required for students preparing for many Allied Health professions including, but not limited to, Nursing, Respiratory Therapy, Physical Therapy, Physical Education and Kinesiology Training, and Physician's Assistant and is a prerequisite for Human Physiology 3.

**ANATMY 2, Advanced Human Anatomy** **4 units**

Transfer: UC, CSU

*IGETC AREA 5B (Biological Sciences, + LAB)*

- *Prerequisite: Anatomy 1.*

This course emphasizes developmental, comparative, gross anatomy as applied to various disciplines such as clinical medicine, anthropology, art, illustration, kinesiology and pathology in order to demonstrate practical and professional applications of anatomy. The laboratory experience includes individualized instruction in dissection of the human body. Students prepare seminars on specific anat-

omy topics for presentation to faculty and other students. Guest lecturers and field trips may be included.

### **BIOL 2, Human Biology** **3 units**

Transfer: UC, CSU

*IGETC AREA 5B (Biological Sciences non-lab)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This survey course explores the principles of biology using humans as examples. It includes introductions to the scientific method, cell biology, heredity, evolution, human ecology, behavior, and the major concepts of structure, function and pathology of most organ systems. The course may serve as an introduction to the future study of biology, including anatomy and physiology, or stand by itself as a non-lab life science course for general education students.

### **BIOL 3, Fundamentals of Biology** **4 units**

Transfer: UC\*, CSU

*IGETC AREA 5B (Biological Sciences, + LAB)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

*\*No UC credit given for Biology 3 if taken after Biology 21, 22 or 23.*

This general biology course is for transfer students who are not biology majors. Topics include basic molecular and cellular biology, genetics, the anatomy and physiology of plants, animals and humans, the diversity of life, evolution, and ecology. Current environmental issues and new developments in biological science are discussed. Laboratory experiences are integrated and stress scientific methodology and thinking.

*Credit is allowed for either Biology 3 or Botany 1, but not both.*

### **BIOL 9, Environmental Biology** **3 units**

Transfer: UC, CSU

*IGETC AREA 5B (Biological Sciences, non-lab)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

*This course satisfies Santa Monica College's Global Citizenship requirement.*

This survey course covers ecological principles including ecosystem structure and function, population dynamics and the interdependence of living organisms. Current environmental issues and controversies such as global warming, biodiversity and species extinction, habitat destruction, food and energy resources and pollution will be explored. Strategies for sustainable living will be emphasized.

### **BIOL 15, Marine Biology with Laboratory** **4 units**

Transfer: UC\*, CSU

*IGETC AREA 5B (Biological Sciences, + LAB)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

*\*Total of four units credit for Biology 15 and Biology 15N is transferable.*

This survey course of marine organisms and their relationships to their environment emphasizes intertidal and offshore life forms. Included is an investigation of behavior, ecology, morphological and physiological adaptations and environmental relationship to humans. This course is three hours each of lecture and laboratory work.

### **BIOL 15N, Marine Biology (Non-Laboratory)** **3 units**

Transfer: UC\*, CSU

*IGETC AREA 5B (Biological Sciences, non-lab)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

*\*Total of four units credit for Biology 15 and Biology 15N is transferable.*

This survey course of marine organisms and their relationships to their environment emphasizes intertidal and offshore life forms. Included are investigation of behavior, ecology, morphological and physiological adaptations and environmental relationship to humans. This course includes three hours of lecture per week.

### **BIOL 21, Cell Biology and Evolution** **4 units**

Transfer: UC\*, CSU

*IGETC AREA 5B (Biological Science, + Lab)*

- *Prerequisite: Chemistry 11.*
- *Skills Advisory: Eligibility for English 1.*

*\*No UC credit for Biology 3, Botany 1 or Zoology 5 if taken after Biology 21, 22 or 23.*

This is the first course of a three-course lecture and laboratory sequence for Biology majors, including Biology 21, 22, and 23. It describes how scientists approach the scientific method to generate scientific knowledge; studies the history, evidence, and mechanisms of evolution; identifies the chemistry of four classes of macromolecules; elucidates the cell principle including cell structure, function, and physiology; describes general energy metabolism; and illustrates the processes of growth and reproduction through mitosis, meiosis, development, and life cycles. Students are required to perform at least two experiments that require data collection, computer-based data management and graphing, and scientific analysis and interpretation of data. The course is designed to meet the needs of students transferring to upper division biology study.

### **BIOL 22, Genetics and Molecular Biology** **4 units**

Transfer: UC\*, CSU

*IGETC AREA 5B (Biological Science, + Lab)*

- *Prerequisite: Biology 21 and Chemistry 11.*
- *Skills Advisory: Chemistry 21 and Eligibility for English 1.*

*\*No UC credit for Biology 3, Botany 1 or Zoology 5 if taken after Biology 21, 22 or 23.*

This is the second course of a three-course lecture and laboratory sequence for Biology Majors, Biology 21, 22 and 23. It focuses on the structure, function and transmission of genes from the perspectives of genetics and molecular biology. A strong foundation in genetics and its relationship to molecular biology is developed through problem solving. Students perform experiments that require data analyses and demonstrate interpretations in laboratory reports. Application of Internet databases for bioinformatics is used to show relationships between DNA and protein sequences. The course is designed to meet the needs of students transferring to upper division biology study.

*It is strongly recommended that students also enroll in Chemistry 21 which is required for transfer.*

### **BIOL 23, Organismal and Environmental Biology** **5 units**

Transfer: UC\*, CSU

*IGETC AREA 5B (Biological Sciences, + LAB)*

- *Prerequisite: Biology 22.*
- *Skills Advisory: Eligibility for English 1.*



\*No UC credit for Biology 3, Botany 1 or Zoology 5 if taken after Biology 21, 22 or 23.

This is the third of a three-course lecture and laboratory sequence for biology majors. Organisms at and above the cellular level of organization are examined, with plants, invertebrates, and vertebrates receiving equal attention. Topics emphasized include morphology, physiology, systematics, ecology, evolution, and behavior. Additionally, each student must complete a term project which includes lab or fieldwork and library research. Transfer credit is limited if students enroll in other overlapping Biology courses or Zoology 5.

### **BIOL 45V, Natural History and Marine Biology of Belize** 1 unit

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Formerly known as British Honduras, and located 350 miles south of Cancun, Belize is famous for its natural wonders including the second largest Great Barrier Reef in the world. This course presents an opportunity to study firsthand the plant and animal forms of the land and under the sea of this tranquil corner of the Caribbean Basin. Students will analyze the tropical flora, fauna, ecology history and culture of the area including visits to Mayan archaeological sites. On-site lectures will be held in the field, on the shoreline, on the river cruise, and during snorkeling dives. Introductory lectures and a final evaluation meeting will take place on the Santa Monica College campus.

### **BIOL 46A, Field Studies in Natural History** 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

See *Schedule of Classes* for current offerings.

This series of courses is designed to combine classroom and laboratory studies with actual field studies in biology. Students will be introduced to the flora and fauna of particular habitats, biomes, or ecological communities and the ecological relationships of these areas using a field biology approach. Identification of unknown organisms and use of standard field sampling techniques are emphasized. Courses in this series allow students to study and visit such diverse areas as Belize, China, Tahiti, the Amazon, and the Galapagos Islands, and specific habitat-types such as California Deserts, California Mountain ranges, and wetlands of Southern California.

### **BIOL 46G, Natural History and Marine Biology of Costa Rica** 1 unit

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course presents an opportunity to study firsthand the plant and animal forms of Costa Rica. Students will analyze the neotropical fauna and flora, biogeography, and the ecology of Costa Rica, including Central America's Cenozoic geology, volcanism, tropical rainforest canopies, and the history and impact of human inhabitation. Near shore and offshore marine ecosystems will be included in the course. Introductory lectures and a final evaluation meeting will take place on the SMC campus.

### **BIOL 88A, Independent Studies in Biological Sciences** 1 unit

Transfer: CSU  
Please see "Independent Studies" section.

### **BIOL 88B, Independent Studies in Biological Sciences** 2 units

Transfer: CSU  
Please see "Independent Studies" section.

### **BIOL 88C, Independent Studies in Biological Sciences** 3 units

Transfer: CSU  
Please see "Independent Studies" section.

### **BIOL 90A, Life Science Internship** 1 unit

Transfer: CSU  
Please see "Internships" section.

### **BIOL 90B, Life Science Internship** 2 units

Transfer: CSU  
Please see "Internships" section.

### **BIOL 94C, Cell and Molecular Biology Research Methods** 2 units

Transfer: UC, CSU

- *Prerequisite: Biology 21 or Science 10.*
- *Skills Advisory: Eligibility for English 1*

This course utilizes techniques of biochemistry and cellular and molecular biology to explore the actions of cellular proteins participating in pathways that are critical to the functioning of living organisms. Students examine the roles of a single vital protein or pathway. Through a survey of the scientific literature, students formulate hypotheses and determine appropriate methods for testing predictions. Students collect data, apply statistical methods, engage in comprehensive data interpretation, utilize computer-aided computational analyses of protein structure and searches of bioinformatics databases to evaluate experimental results, and generate new hypotheses. Comparisons between the normal function of the protein or pathway and the possible outcomes of dysfunctions are emphasized. Students report their findings in the format of a scientific journal article.

### **BOTANY 1, General Botany** 4 units

Transfer: UC\*, CSU  
*IGETC AREA 5B (Biological Sciences, + LAB)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

\*No UC credit for Botany 1 if taken after Biology 21, 22 or 23 and no credit for Biology 4 if taken after Zoology 5 or Botany 1.

This course provides an overview of photosynthetic organisms (the Plant Kingdom, photosynthetic Monerans and Protists) and Fungi. Flowering plants are emphasized. Topics covered include a survey of botanical life forms, taxonomy, the structure, development and function of cells, stems, roots leaves, flowers, and seeds; chemistry, photosynthesis, respiration, plant physiology, Mendelian and molecular genetics, genetic engineering, evolution, and ecology. Scientific thinking skills will be developed in laboratory exercises. One or more labs are field trips to local natural areas or Plant society meetings.



Credit is allowed for either *Biology 3* or *Botany 1*, but not both.

### **BOTANY 3, Field Botany** **4 units**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This introduction to the life habits, interrelationships, and classification of both native and introduced plants. Provides practice in identifying species by means of keys, manuals, and charts. Emphasis is on the field study of southern California plant communities, both terrestrial and marine. Other geographic regions may be explored. Field trips are taken to any combination of botanical gardens, parks, nurseries and a number of natural settings, including nature reserves, as well as state and national parks. It is designed to be of special interest to future teachers and recreational leaders, as well as to majors in botany, general agriculture, landscape architecture, forestry, and wildlife management.

### **MCRBIO 1, Fundamentals of Microbiology** **5 units**

Transfer: UC, CSU

IGETC AREA 5B (*Biological Sciences, + LAB*)

- *Prerequisite: Chemistry 19 (preferred) or Chemistry 10 or eligibility for Chemistry 11; and Physiology 3 or Biology 3 or 21.*
- *Skills Advisory: Eligibility for English 1.*

This course involves study of several types of microorganisms with emphasis on bacteria. Principles of microbiology, metabolism, genetics, immunology, and medical and nonmedical applications are considered. The laboratory includes aseptic transfer techniques, cultural characteristics, methods of microscopy, and analytical techniques for identifying microbial organisms. The course content is related to both general and clinical applications including recent molecular biological and serological techniques.

### **PHYS 3, Human Physiology** **4 units**

Transfer: UC, CSU

IGETC AREA 5B (*Biological Sciences, + LAB*)

- *Prerequisite: Chemistry 19 (preferred) or Chemistry 10 or eligibility for Chemistry 11; and Anatomy 1.*
- *Skills Advisory: Eligibility for English 1.*

This rigorous course provides a basic understanding of physiological mechanisms with a focus on the human body. Basic concepts of cellular physiology, including: molecular control; mechanisms of gene expression; ligand-binding site interactions; energy and cellular metabolism; membrane transport; membrane and action potentials; and cellular communication, including signal transduction, will be integrated within the concept of homeostasis involving the following body systems: nervous, sensory, endocrine, muscle, skeletal, cardiovascular, lymphatic, immune, respiratory, renal, digestive, reproductive, and integumentary. The course content includes both general and clinical applications and is intended to prepare students for advanced courses in Allied Health and Medical professions including Nursing, Physical Therapy, Respiratory Therapy, Physician's Assistant, Pharmacy, and Exercise Science/Kinesiology Training.

### **ZOOL 5, Introductory Zoology** **4 units**

Transfer: UC\*, CSU

IGETC AREA 5B (*Biological Sciences, + LAB*)

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

\*No UC credit for *Zool 5* if taken after *Biology 21, 22* or *23* and no credit for *Biology 4* if taken after *Zoology 5* or *Botany 1*.

This general zoology course deals with the major animal groups from protists through vertebrates. Consideration is given to animal form, function, natural history, and behavior. Comparisons are made between groups and are used to stress the principles of evolution, classification, morphology, cell biology, organ system function, genetics, and ecology. Critical and scientific thinking skills are illustrated and developed.

## **Botany**

Please see listing under "Biological Sciences."

## **Broadcasting**

Please see listing under "Media Studies."

## **Business**

### **BUS 1, Introduction to Business** **3 units**

Transfer: UC, CSU

C-ID: BUS 110.

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

An overview of the functional areas of business in a global society. Students will complete the course with knowledge of the general business environment, economic systems, business ethics, operations and project management, and technology and information systems. In addition, students will learn the fundamentals of economics, business ownership, entrepreneurship, finance, management, leadership, and marketing. Key themes woven throughout the course include exploration of career options and development of business problem-solving skills.

### **BUS 5, Business Law and the Legal Environment** **3 units**

Transfer: UC\*, CSU

C-ID: BUS 120 and BUS 125.

- *Prerequisite: None.*

\*Maximum UC credit allowed for ACCTG 26, BUS 5, BUS 6 is one course (3 units).

This course provides students with an overview of the fundamental legal principles pertaining to business transactions and related topics. It also encompasses introductory subjects concerning the U.S. legal system such as the court structure, sources of law, legal reasoning and case analysis. To give students a broad perspective on the various laws and areas impacting business, the following topics are also explored: criminal law, torts, civil procedure, administrative processes, contract law, ethics, constitutional law, agency and the legal principles pertaining to business entities.

### **BUS 6, Advanced Business Law** **3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

\*Maximum UC credit allowed for ACCTG 26, BUS 5, BUS 6 is one course (3 units). Formerly same course as ACCTG 26.

This course covers advanced topics in agency, partnerships, corporations, LLCs, torts, legal procedures, and other advanced topics.

### **BUS 8, Law for the Entrepreneur 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course navigates the current business environment and identifies the key legal challenges that an entrepreneur faces in starting and operating a business. It is ideal for business majors and for students who have an interest in starting their own businesses. A special emphasis is placed on protecting one's intellectual property and includes an analysis of the laws pertaining to trademark, copyright, patent and trade secrets. The following additional topics are explored: basic legal concepts, dispute resolution, tort liability, contracts, managing risk, employment law, agent liability, choosing a form of business and legal challenges with marketing.

### **BUS 11, Introduction to the Hospitality Industry 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides students with an introduction to the hospitality industry, explaining the interrelationships and history of key leisure industry segments. An emphasis is placed on the application of technology, sustainability, ethics, leadership, teams, critical thinking, and service standards for the restaurant, hotel, and travel-related businesses. The course examines career opportunities, operations management, human resource management, marketing, and financial considerations for each segment.

### **BUS 15, Introduction to Insurance with Code and Ethics 2 units**

Transfer: CSU

- *Prerequisite: None.*

The purpose of this course is to introduce students to the basic overview of the property/casual insurance system. It is designed for those students who have little or no knowledge of insurance. In addition, this course will enable students to understand and apply the proper ethical behavior and obligations related to the insurance field.

### **BUS 16, Personal Insurance 3 units**

Transfer: CSU

- *Prerequisite: None.*

In this course, students will learn the essentials of personal insurance coverages. Personal property and liability topics will include automobile, homeowners, and other residential insurance, such as earthquake, flood, marine and miscellaneous coverages. The basics of financial planning, life insurance and health insurance will also be covered.

### **BUS 17, Property and Liability Insurance 3 units**

Transfer: CSU

- *Prerequisite: None.*

In this course, students will learn the basics of property and liability insurance. It covers types of insurers, institutions that provide insurance, insurance regulation, and measurement of financial performance. It also covers insurance operations, including marketing techniques, underwriting, claims, insurance contracts, loss exposure and risk management.

### **BUS 18, Commercial Insurance 3 units**

Transfer: CSU

- *Prerequisite: None.*

In this course, students will learn the basics of commercial insurance. It covers commercial property insurance, business income insurance, commercial crime insurance, equipment breakdown insurance, inland and ocean marine insurance, commercial general liability insurance, commercial automobile insurance and miscellaneous commercial insurance coverage.

### **BUS 20, Principles of Marketing 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course introduces modern business marketing concepts and strategies and familiarizes the student with standards, procedures, and techniques used in marketing. Topics include marketing research; consumer behavior; target marketing; green marketing; and product, pricing, promotion, and distribution strategies.

### **BUS 21, Merchandising Principles 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides an introduction to retailing concepts and strategies used by contemporary merchandisers. Special attention will be given to the theory and practice involved in such merchandising activities as sales transactions, customer services, types of merchandising institutions, store operation and policies, store layout and fixtures, advertising, and display.

### **BUS 22, Introduction to Advertising 3 units**

Transfer: CSU

- *Prerequisite: None.*

Advertising psychology, strategies, and methods are covered in this introduction to the field. Topics include planning advertising campaigns for all types of media. Class projects give the student practice in creating and communicating ideas using advertising strategy and techniques.

### **BUS 23, Principles of Selling 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course explores the fundamental sales process of analyzing customer needs and satisfying those needs with a relevant product or service. Topics include prospecting and qualifying potential buyers, preparing for sales calls, delivering sales presentations, handling customer objections, negotiating sales transactions, closing sales, and providing effective follow-up.

### **BUS 25, Advertising Display 3 units**

Transfer: CSU

- *Prerequisite: None.*

This class surveys the techniques, styles and variations of presenting tangible merchandise in physical, print and electronic formats. Color theory, design principles and consumer psychographic interests blend with advertising and sales techniques to highlight how hard and soft goods are sold in the brick-and-mortar and virtual retail sectors.

**BUS 26, Marketing Research and Consumer Behavior****3 units**

Transfer: CSU

- *Prerequisite: None.*

The marketing research portion of the course includes the allocation and usage of secondary as well as primary data sources, the understanding of basic concepts, the collection of information, the proper analysis of the data acquired, and the screening of sample applications. The consumer behavior section of the course will introduce the student to knowledge, concepts, and models that use consumer behavior to generate explanations for the behavior of individual consumers and groups, the decisions they make, and the culture they live in. The final section of the course focuses on the application of marketing research and consumer behavior. The student will learn how these skills can help them in business, as well as how to build their own research study.

**BUS 27, Introduction to e-Commerce****3 units**

Transfer: CSU

*Formerly same course as CIS 27.*

Students will learn the technological and strategic aspects of electronic commerce essential to succeeding in today's internet-based economy. No background in e-commerce is necessary. This is a lecture and theoretical course which covers the key technologies used in e-Commerce, the history of internet and web technologies, infrastructure, and the economic forces behind e-Commerce. Business goals and constraints, technology and process tools, business strategies and tactics, and underlying economic theories relating to successful e-Commerce will be discussed.

**BUS 28, Marketing Promotion****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course addresses strategies marketers may use to best communicate with their customers and other stakeholders. By applying an Integrated Marketing Communications perspective to marketing promotion, all aspects of communication are pulled together, thereby providing a more complete treatment of advertising, sales promotion, direct marketing, personal selling, public relations, publicity, and interactive media.

**BUS 31, Business English Fundamentals****3 units**

Transfer: CSU

- *Skills Advisory: Eligibility for English 1.*

This course emphasizes the use of effective grammar, punctuation, sentence and paragraph structure in writing short business reports and other business documents.

**BUS 32, Business Communications****3 units**

Transfer: CSU

C-ID: BUS 115.

- *Prerequisite: English 1 or Business 31.*

This course surveys the principles and techniques of current and evolving business communication as a process in a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents using appropriate utilization of a variety of technological platforms, business related internet writing contexts, and web resources. Also, this course will incorporate a variety of internet-based communication tools relevant to doing

business in today's world. This course is designed for students who already have college-level writing skills.

**BUS 34, Introduction to Social Media Marketing****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides students with an introduction to social media marketing, including social communities, publishing, entertainment, and commerce. Opportunities and limitations of current social media platforms will be examined. The course will emphasize social media's strategic role in traditional marketing, how to build effective social media marketing strategies, and how to track their effectiveness.

**BUS 45, Individual Financial Planning****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides students with the tools to achieve their personal financial goals. It will help them make informed decisions related to spending, saving, borrowing, and investing. Topics covered include personal financial planning; money management; tax strategy and the decision processes and behaviors underlying consumer credit; purchasing decisions; insurance; investing in stocks, bonds, mutual funds, and real estate; retirement; and estate planning.

*Business 45 is the same class as Accounting 45. Students may earn credit for one, but not for both.*

**BUS 46, Introduction to Investments****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides a comprehensive view of securities, markets, and investment techniques, ranging from simple investment programs to advanced speculative market techniques.

**BUS 47, Personal Finance for Students****1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course provides students with the fundamental tools to make informed decisions that impact their short and intermediate-term finances. Topics covered include money management and the decision processes and behaviors underlying spending, saving, and borrowing.

*Business 47 is the same course as Counseling 47. Students may earn credit for one but not both.*

**BUS 50, Introduction to International Business****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course focuses on general business problems, theories, techniques and strategies necessary in the development of business activities in the global market place. The course is designed to promote an understanding of the impact that a country's culture and its political and economic environments have on a firm's international operations. The course covers the global perspective of business fundamentals as they relate to international management, communication, marketing, finance, ethics, etc.

**BUS 51, Intercultural Business Communication****3 units**

Transfer: CSU

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course is designed to heighten awareness of culture and its impact on successful business enterprises. The student will develop skills to identify areas where culture and business intersect by focusing on four subsets of American culture (European Americans, Chicano/Latinos, African Americans and Asian Americans) as well as on international cultures. Emphasis will be placed on how a firm's success is affected by both domestic and global issues influencing intercultural communication.

### **BUS 52, International Marketing** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course focuses on marketing management problems, techniques and strategies necessary to incorporate the marketing concept into the framework of the world marketplace. This course is designed to promote an understanding of the impact that a country's culture and environment have on the marketing mix as well as the problems of competing in markets having different cultures.

### **BUS 53, Importing and Exporting** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course presents an overview of importing and exporting as drivers of globalization. It is designed to help students explore the benefits, costs, and risks of importing and exporting as well as the trade regulations involved, the documentation and licensing required, and the public and private sources of financing and other assistance available. It stresses cross-cultural comparisons of foreign business, legal and political practices, trade patterns, and markets as a means of implementing successful import/export plans. Currency exchange, sources and methods of market research, terms of payment, broker services, insurance, letters of credit, transportation and barriers to entry will also be covered.

### **BUS 54, International Management** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course focuses on issues faced in international management. Techniques and strategies for leading business activities in the world marketplace are examined. The course is designed to promote an understanding of global trends and the decision-making process involved in all aspects of the multinational organization, such as planning, organizing, and human resource management.

### **BUS 55, Southern California's International Connections** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides an overview of Southern California's economy, its people, and its role in the global economic system. Using a variety of tools, students will be introduced to the vital commercial, financial, and personal connections that make Southern California one of the most diverse and globally connected places in the world. Special attention is devoted to key regional institutions that mediate the region's global connections, and to a comparison of Southern California with other major global cities.

### **BUS 62, Human Relations and Ethical Issues in Business** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides concrete guidance in using human relations skills in the workplace that will promote working effectively with others. Strategies are integrated throughout the course that will enable students to apply human relations theories and applications to the real world of work. Ethical issues in business are addressed where students will learn an explicit process of ethical reasoning that will aid in defining and dealing with dilemmas in the workplace. Current events and case studies will be used to develop critical skills as students apply theories and principles.

### **BUS 63, Principles of Entrepreneurship** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course covers the fundamentals of how to organize, finance, and operate a small business. Topics to be covered include business plan development, financing, legal and ethical issues, marketing, entrepreneurial team development, and business models.

### **BUS 64, Business Protocol and Professionalism** **1 unit**

Transfer: CSU

- *Prerequisite: None.*

To become successful and competitive in an ever-changing business environment, individuals must be proficient in business etiquette and protocol. Through lecture, role-playing and participation, students will become proficient in the basics of business interaction. Topics covered include introductions and handshakes, conversational skills, telephone manners, nonverbal communication, business dress, workplace relationships, cross-cultural understanding, and dining manners.

### **BUS 65, Management Principles** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course introduces the student to management concepts and strategies used by modern businesses. The course is designed to familiarize student with the accepted standards, procedures, and techniques employed by top, middle, and supervisory level managers. Further, the course provides students with an understanding of the role of management and how to develop plans and execute strategies in pursuit of organizational goals.

### **BUS 67, Business Strategies** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is designed to provide students with an introduction to the "management of strategy" in the business enterprise. A case-oriented format has been adopted to focus attention on what a firm should do in an actual business situation, and to provide students with numerous opportunities to develop and exercise their analytical and decision-making skills.

### **BUS 72, Organizational Management and Leadership** **3 units**

Transfer: CSU

- *Skills Advisory: Business 62.*



This course examines the special case of detailed planning and implementation of management decisions in strategic business units. Attention is focused on three areas: developing action plans and implementation strategies; developing awareness of the contingencies to be considered in taking strategic actions, and investigating how different academic disciplines interpret the leadership phenomenon. This course highlights key criteria used in assessing the viability of an organizational action plan, and the role of leadership in managing constructive change processes.

**BUS 76, Human Resources Management 3 units**

Transfer: CSU

- *Prerequisite: None.*

Human resource management encompasses those activities designed to provide for and coordinate the human resources of an organization. This course is fashioned to emphasize both the theoretical and practical aspects of human resource management. Topics of special interest include equal employment opportunity; staffing the organization; training and developing employees; employee compensation; understanding unions; and organizational maintenance, communication, and information systems.

**BUS 79, Bargaining and Negotiations 3 units**

Transfer: CSU

- *Prerequisite: None.*

Managerial negotiation, a feature central to labor-management relations, is a common everyday activity that most people use to influence others and to achieve personal objectives. This course integrates theoretical research from the field of social psychology, the literature on collective bargaining from the arena of labor relations, and the "how to do it" writings of popular works on negotiations, and applies them to managerial negotiation. Of particular interest are the areas of persuasion and attitude change, power, conflict management, and justice in organizations. A variety of experientially-based role plays, simulations, questionnaires, and cases are adopted to highlight key aspects of the negotiation process.

**BUS 80, Principles of Logistics 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides an overview of how firms use distribution intermediaries to gain a competitive advantage in local and global markets through the integration of logistics and supply chain management. The management of the physical flow of products and information throughout the entire supply chain is examined, including physical distribution, transportation, warehousing, customer service, materials management, third-party and global logistics, systems planning, and operations and management of the supply chain.

**BUS 81, Transportation Management 3 units**

Transfer: CSU

- *Prerequisite: None.*

The class provides an overview of the alternative modes, systems, rates, services, and regulations in global transportation. Transportation systems and providers will be examined including ocean, air, and surface carriers, as well as intermodal and special carriers.

**BUS 82, Supply Chain Management 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is an overview of the entire supply chain and its key elements. Students are exposed to concepts, models, and terminology used in demand planning, inventory planning, material planning, distribution planning, fulfillment planning, and related components of a supply chain are examined.

**BUS 83, Operations Management 3 units**

Transfer: CSU

- *Prerequisite: None.*

Introduces concepts and techniques related to the design, planning, control, and improvement of manufacturing and service operations. The course examines operations and the coordination of product development, process management, and supply chain management. Students are exposed to topics in the areas of process analysis, materials management, production scheduling, quality management, and product design.

**BUS 88A, Independent Studies in Business 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**BUS 88B, Independent Studies in Business 2 units**

Transfer: CSU

Please see "Independent Studies" section.

**BUS 88C, Independent Studies in Business 3 units**

Transfer: CSU

Please see "Independent Studies" section.

**BUS 90A, Business Internship 1 unit**

Transfer: CSU

Please see "Internships" section.

**BUS 90B, Business Internship 2 units**

Transfer: CSU

Please see "Internships" section.

**BUS 90C, Business Internship 3 units**

Transfer: CSU

Please see "Internships" section.

**BUS 91A, Marketing Internship 1 unit**

Transfer: CSU

Please see "Internships" section.

**BUS 91B, Marketing Internship 2 units**

Transfer: CSU

Please see "Internships" section.

**BUS 95, International Business Internships 2 units**

Transfer: CSU

Please see "Internships" section.

## Business - Noncredit

The following courses are noncredit and free. They do NOT carry academic credit.

**BUS 901, Introduction to Business Basic 0 units**

This course provides an overview of the business environment. The experience in this course will enable you to develop a better understanding of what business is all about, how a business operates and which business functions are needed in any business enterprise. The topics include Management, Accounting/Finance, Production, Distribution, Research and Development, Regulations and Labor.

**BUS 902, Introduction to Business Mindset 0 units**

In order to succeed in business, individuals need to have the right mindset. This course provides an overview of the entrepreneurial mindset that individuals often acquire in order to succeed in business and can apply to other aspects of their lives. Topics include Inside the Mindset, Mindset and Leadership and Changing Mindsets.

**BUS 911, Customer Service Level 1 0 units**

This course highlights the key principles, attitudes, and techniques needed to provide excellent customer service in today's global business environment. Major topics covered include (1) defining and understanding the importance of quality customer service to build a competitive advantage for a business and strong relationships with the business's customers; (2) developing communication skills so that students have the knowledge, skills, and abilities to meet or exceed customers' expectations; (3) managing one's attitudes, motivation, stress, and time to promote positive day-to-day interactions on the job; and (4) identifying potential customer service breakdowns in order to recover the service relationship and build customer loyalty. Throughout the course attention will be given to developing students' emotional intelligence, leadership abilities, and career opportunities.

**BUS 912, Customer Service Level 2 0 units**

This course highlights the key principles and techniques needed to provide excellent customer service in today's global business environment. Major topics covered include (1) developing skills in the 5 key areas of Emotional Intelligence: Self-Awareness, Self-Regulation, Motivation, Empathy, and Social Management; (2) building positive, customer focused relationships; (3) identifying customer service breakdowns; (4) demonstrating the skills necessary to recover the customer after a breakdown; (5) communicating with customers to build their loyalty; and (6) demonstrating Cultural Intelligence when communicating with customers. Throughout the course attention will be given to building students' emotional intelligence, leadership abilities, and career opportunities.

## Chemistry

Students must be present at the first lab session of a chemistry course to be assured of admission to limited lab spaces.

Students who wish to enroll in a chemistry course must demonstrate that they have met the prerequisites for the course prior to enrollment. Continuing students must complete prerequisite courses with a C or better. If currently enrolled in a prerequisite course at SMC at the time of enrollment, students will be admitted to subsequent courses based upon midterm placement results, but will be dropped if the prerequisite course is not completed with

a C or better. Students who have successfully completed one or more prerequisite courses (earning a grade of C- or better in both the lecture and lab courses and an average of C (2.0) or better overall) at another institution may be able to verify having met the prerequisites by submitting a transcript and course description and course syllabus for the prerequisite courses.

**CHEM 9, Everyday Chemistry 5 units**

Transfer: UC\*, CSU

IGETC AREA 5A (Physical Sciences + LAB)

Satisfies Global Citizenship

\*UC gives no credit for Chemistry 9 if taken after Chemistry 11. Maximum UC credit for Chemistry 9 and 10 combined is one course.

This course fulfills the general education requirements for a laboratory science course. Students who successfully complete this course will understand basic chemical principles and how these principles relate to the Earth's natural systems and cycles, with emphasis on humanity's impact on Earth's natural environments. Students will gain a scientific understanding of the impact of human activity on natural systems and sustainability. Students will also learn common laboratory techniques, including the safe handling of chemicals and the proper use of laboratory equipment, as they analyze environmental problems and solutions. *Students enrolling in this course should have math skills equivalent to those entering Math 31. This course does not fulfill the prerequisite for Chemistry 11.*

**CHEM 10, Introductory General Chemistry 5 units**

Transfer: UC\*, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Math 31 or Math 49.

\*UC gives no credit for Chemistry 10 if taken after Chemistry 11. Maximum UC credit for Chemistry 9 and 10 combined is one course.

Chemistry 10 is an introductory laboratory course. It introduces principles, laws, and nomenclature of inorganic chemistry and organic chemistry. Chemistry 10 prepares students to take the General Chemistry sequence (Chemistry 11 and Chemistry 12). It additionally serves as a basic chemistry course for the allied health majors (such as nursing and nutrition). It also serves to fulfill general education requirements. Students who successfully complete this course will understand basic chemical principles and will have practiced quantitative reasoning and problem solving skills. Students will also have learned various lab techniques, including the safe and competent handling of chemicals and laboratory equipment.

**CHEM 11, General Chemistry I 5 units**

Transfer: UC, CSU

C-ID: CHEM 110.

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Chemistry 10 and Math 20.

*Students seeking waiver of the Chemistry 10 prerequisite should take the Chemistry 10 Challenge Exam. Students taking Chemistry 11 and 12 must have access to the Internet to complete class assignments.*

This course is the first semester of a two-semester, standard first year college chemistry course (Chemistry 11 and Chemistry 12). It introduces the fields of physical, analytical, inorganic, and organic chemistry. Topics to be discussed include atomic structure, chemical bonding, common types

# CHEMISTRY COURSE SEQUENCE

## General Education

## Allied Health

Nursing, Respiratory Therapy,  
and Others

## Life Science, Physical Science, Engineering

Pre-Med, Pre-Dental, Pre-Pharm

Higher Level/STEM

Non-science major  
Transfer to 4-year  
Institution

Enter Nursing or other  
Allied Health Program

When preceded by Chem 11 + 12, some combination of these courses can meet transfer requirements for Chemistry, Biochemistry or Chemical Engineering majors, and will serve as prerequisites for Medical, Dental, or Pharmacy School.

### CHEMISTRY 31

Biochemistry I  
with Laboratory

### CHEM 22/24 \*

Organic Chemistry II  
with Laboratory

\*Lecture and lab  
may be taken  
separately

### CHEMISTRY 21

Organic Chemistry I  
with Laboratory

### CHEMISTRY 12

General Chemistry II  
Prerequisite: Math 2

Chem 11 and 12 meet  
the requirements for  
Physics Majors and most  
Engineering majors

### CHEMISTRY 11 \*

General Chemistry I  
Prerequisite: Math 20

\*Eligibility for Chem 11  
Established by Placement  
with CCDT or by HS  
Chemistry AP Exam Score  
of 3, 4, 5.

Freshman Level/STEM

### CHEMISTRY 9

Everyday Chemistry  
with Laboratory

Best option for all non-science  
majors seeking GE credit.

Elementary Algebra skills  
are recommended.

### CHEMISTRY 19

Fundamentals of General,  
Organic, and Biological  
Chemistry, with Laboratory

Prerequisite:  
Math 31 or Math 49

### CHEMISTRY 10

Introductory General  
Chemistry with Laboratory  
Prerequisite:  
Math 31 or Math 49

No credit given at transfer  
institutions when followed  
by Chem 11.

Preparatory Basics

Course Descriptions

of reactions, stoichiometry, thermochemistry, and the properties of gases, liquids, and solids.

### **CHEM 12, General Chemistry II** 5 units

Transfer: UC, CSU

*IGETC AREA 5A (Physical Sciences, + LAB)*

- *Prerequisite: Chemistry 11 and Math 2.*

*Students taking Chemistry 11 and 12 must have access to the Internet to complete class assignments.*

This course is a continuation of Chem 11. Topics covered include kinetics, equilibrium, acid-base chemistry, precipitation reactions, coordination chemistry, thermodynamics, and electrochemistry.

### **CHEM 19, Fundamentals of General, Organic, and Biological Chemistry** 5 units

Transfer: UC, CSU

*IGETC AREA 5A (Physical Sciences, + LAB)*

- *Prerequisite: Math 31 or Math 49.*

This one-semester course is designed for students preparing for studies in nursing or related allied health professions. Topics include measurements, unit conversions, atomic and molecular structure, chemical reactions and equations, gases, solutions and acid/base chemistry. There will be a special emphasis on properties and reactions of biologically relevant compounds.

*This course is NOT equivalent to CHEM 10 and does NOT meet the prerequisite requirement for CHEM 11.*

### **CHEM 21, Organic Chemistry I** 5 units

Transfer: UC, CSU

C-ID: CHEM 150.

*IGETC AREA 5A (Physical Sciences, + LAB)*

- *Prerequisite: Chemistry 12.*

This course is a systematic introduction to the chemistry of carbon compounds. It encompasses theory and reactions of hydrocarbons and functional group derivatives. Included are bonding and structure, nomenclature, stereochemistry, synthesis, mechanism, and spectroscopic analysis. The laboratory work focuses on techniques of synthesis, isolation, purification, and analysis.

### **CHEM 22, Organic Chemistry II** 4 units

Transfer: UC\*, CSU

*IGETC AREA 5A (Physical Sciences)*

- *Prerequisite: Chemistry 21.*

*\*Maximum UC credit for Chemistry 22 and Chemistry 24 combined is 5 units.*

This course is a continuation of Chem 21, with emphasis on the remaining functional groups and types of reactions. Also included is an introduction to the organic chemistry of biochemical compounds. Chem 22 includes lecture and discussion. The second semester of organic chemistry laboratory is a separate course, Chem 24. Chem 21 and 22 constitute two semesters of organic chemistry with one semester of organic chemistry laboratory. Chem 21, 22, and 24 constitute two semesters of organic chemistry with two semesters of laboratory.

### **CHEM 24, Organic Chemistry II Laboratory** 2 units

Transfer: UC\*, CSU

*IGETC AREA 5A (Physical Sciences lab)*

- *Prerequisite/Corequisite: Chemistry 22.*

*\*Maximum UC credit for Chemistry 22 and Chemistry 24 combined is 5 units.*

This course is the second semester of organic chemistry laboratory. The laboratory work involves microscale and miniscale synthesis, structure determination, investigation of reaction mechanism, and qualitative analysis. The lectures will discuss the theory and techniques that relate to the experiments that are performed, including NMR, IR, organic qualitative analysis, and various methods of analysis, separation, and purification of mixtures.

### **CHEM 31, Biochemistry I** 5 units

Transfer: UC, CSU

*IGETC AREA 5A (Physical Sciences, + LAB)*

- *Prerequisite: Chemistry 21.*
- *Skills Advisory: Chemistry 22.*

This course is a survey of biochemistry, introducing the student to the structures and functions of important classes of biochemical compounds as well as to the central reactions of metabolism. The main topics include the structure and function of proteins, carbohydrates and lipids; the catalysis, kinetics and regulation of enzymes; and the reactions of glycolysis, the citric acid cycle, electron transport/oxidative phosphorylation, and gluconeogenesis. The laboratory section of the course provides an introduction to biochemistry lab procedures including titration, peptide analysis, spectroscopy, spectrophotometry, column chromatography, gel-electrophoresis, the kinetic analysis of enzyme-catalyzed reactions, and internet based informatics tools.

### **CHEM 88A, Independent Studies in Chemistry** 1 unit

Transfer: CSU

Please see "Independent Studies" section.

### **CHEM 88B, Independent Studies in Chemistry** 2 units

Transfer: CSU

Please see "Independent Studies" section.

## **Chinese**

Additional hours to be arranged in the Modern Language Lab for Elementary Chinese. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

### **CHNESE 1, Elementary Chinese 1** 5 units

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

Using an audio-lingual approach, this course teaches pronunciation, vocabulary, and grammar fundamentals as essential elements in reading, writing, and understanding elementary Chinese. The course also covers necessary culture, customs, philosophy, and history which serve as keys to studying the Chinese language. Language lab is required.

### **CHNESE 2, Elementary Chinese 2** 5 units

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Chinese 1\*.*

This course is a continuation of Chinese 1, which covers elementary grammar. It provides students with further basic oral and writing skills while acquainting them with



the language. It also includes the reading of simplified texts with emphasis on oral expression and further study of Chinese history and culture. Language lab is required. This course is taught in Chinese except in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to two years of high school Chinese.*

### **CHNESE 3, Intermediate Chinese 1** **5 units**

Transfer: UC, CSU

*IGETC AREA 3 (Humanities)*

- *Prerequisite: None.*
- *Advisory: Chinese 2\*.*

This course builds on language skills developed in Chinese 1 and 2. The course will complete and review basic grammar and key sentence patterns of Chinese, provide practice in the appropriate use of idiomatic expressions, and further develop skill in reading and writing Hanzi (Chinese characters). It will also build vocabulary, expand reading comprehension, and encourage more extensive conversation in Chinese. It will cover additional aspects about Chinese culture and history. This course is taught in Chinese except in cases of linguistic difficulty as determined by the professor..

*\*The advisory for this course is comparable to three years of high school Chinese.*

### **CHNESE 4, Intermediate Chinese 2** **5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language UC only*

- *Prerequisite: None.*
- *Advisory: Chinese 3 or equivalent.*

This course builds on language skills developed in Chinese 3. The course will review and expand on elementary Chinese grammar, provide practice in the appropriate use of set phrases and idioms, and further develop skills in reading and writing. It will enrich vocabulary, further develop reading comprehension, improve conversation and basic writing skills; and it will encompass aspects of Chinese culture and history. This course is taught in Chinese except in cases of linguistic difficulty as determined by the professor.

### **CHNESE 8, Conversational Chinese** **2 units**

Transfer: UC, CSU

- *Prerequisite: Chinese 2 or equivalent skills.*

This course provides an opportunity to acquire better speaking skills in Chinese with the emphasis on natural, colloquial usage. New vocabulary and idiomatic phrases will be emphasized and the student will hold conversations in Chinese during each class meeting. The course is taught in Chinese except in cases of linguistic difficulty as determined by the professor.

### **CHNESE 9, Chinese Culture and Tradition** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Arts and Humanities)*

- *Prerequisite: None.*

This course encompasses the accomplishments of Chinese civilization. From pre-historical beginnings to the early twentieth century, the fundamentals of Chinese philosophy, religion, art, literature, and language are covered and provide an understanding and appreciation of the world's oldest continuing culture. The course is taught in English.

## **Cinema**

*Please see listing under "Film Studies."*

## **Communication**

*Please see listing under "Media Studies."*

# **Communication Studies**

### **COM ST 9, Introduction to Communication Studies** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*

This course is a survey of the discipline of communication studies that emphasizes the history, interest areas, major theories, and contemporary and emerging issues in the field. This course will specifically cover interpersonal, group, intercultural, mass and health communication in addition to an overview of public speaking.

### **COM ST 11, Elements of Public Speaking** **3 units**

Transfer: UC, CSU

C-ID: COMM 110.

*IGETC AREA 1C (Oral Communication)*

- *Prerequisite: None.*

*Formerly Speech 1.*

This is a course in public speaking for students learning to prepare and deliver platform speeches. Assignments include speeches of description, exposition, and persuasion. Techniques for controlling tension, building self-confidence, and effective listening are emphasized.

### **COM ST 12, Persuasion** **3 units**

Transfer: UC, CSU

C-ID: COMM 190.

*IGETC AREA 1C (Oral Communication) or 3B (Humanities)*

- *Advisory: Communication Studies 11.*

*Formerly Speech 2.*

This course focuses on the development of persuasion in rhetorical perspective, with an emphasis on balancing logic, emotion and credibility in public speaking. The history of classical rhetoric in Ancient Greece and Rome, as well as great speakers in American history, are emphasized.

### **COM ST 13, Voice and Diction** **3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly Speech 3.*

This course focuses on improvement in voice and articulation. It features analysis of the student's voice and articulation problems and offers specific strategies for improvement. Techniques in relaxation, breath control, articulation, vocal variety and pronunciation are emphasized. In addition, students learn skills in oral interpretation, public speaking, and transcription of the International Phonetic Alphabet.

### **COM ST 14, Oral Interpretation: Performing Literature Across Cultures** **3 units**

Transfer: CSU

C-ID: COMM 170.

*Satisfies Global Citizenship*

- *Advisory: Communication Studies 11.*

*Formerly Speech 4.*

This course focuses on the oral interpretation of poetry and prose, with a special emphasis on literature by and about cultural groups in the United States including African-Americans, Asian-Americans, European-Americans, Jewish-Americans, Latino/a-Americans, Arab-Americans, Indigenous peoples of the United States and others. Through the process of oral interpretation, students will analyze works of literature, discover a personal connection to the material, and share their emotional and intellectual creation—using voice and body—with an audience. By studying and performing multicultural literature, students will learn to appreciate the similarities and differences among cultures and how culture affects the author's voice.

### **COM ST 16, Fundamentals of Small Group Discussion** **3 units**

Transfer: UC, CSU

C-ID: COMM 140.

*IGETC AREA IC (Oral Communication)*

- *Skills Advisory: Eligibility for English 1.*

*Formerly Speech 6.*

This course focuses on the identification and analysis of processes and challenges of communication as affected by small group interactions. This course helps students develop competence and confidence as a group member and leader through a combination of theoretical and practical knowledge of small groups in everyday life. The course focuses on the principles of communication theory as they apply to the small group setting with an emphasis on practical application through study and practice in various group activities.

### **COM ST 21, Argumentation** **3 units**

Transfer: UC, CSU

C-ID: COMM 120.

*IGETC AREA 1C (Oral Communication).*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

*Formerly Speech 11.*

Principles of argumentative discourse applied to contemporary issues are studied in this course. An analysis of the relationship between evidence and the process of reasoning is included.

### **COM ST 22, Introduction to Competitive Speech and Debate** **2 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly Speech 22.*

This class provides the training, rehearsal, and performance practice to develop speech and debate skills necessary to participate on a competitive collegiate speech and debate team. Students will have the option to choose areas of interest and to compete on the SMC Speech and Debate Team.

### **COM ST 30, Introduction to Communication Theory** **3 units**

Transfer: UC, CSU

C-ID: COMM 180.

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*

- *Skills Advisory: Eligibility for English 1.*

This course introduces the major theoretical approaches to, applications of, and issues in Communication Studies. Examining and analyzing theories from the various areas of the field, such as interpersonal, group, organizational, rhetorical, intercultural, mass, and health communication, students will apply communication theories and concepts to everyday communication phenomena.

### **COM ST 31, Research Methods for Communication Studies** **3 units**

Transfer: UC, CSU

*IGETC Area 4 (Social and Behavioral Sciences)*

- *Skills Advisory: Eligibility for English 1.*

This course introduces the tenets and methods of social science research in general, and communication research in particular. The course provides an overview of both quantitative and qualitative research methods. Particular attention is given to experimental design, survey research, content analysis, and field research. The goal of this course is to prepare students for reading empirical research reports as well as prepare them for upper division research.

### **COM ST 35, Interpersonal Communication** **3 units**

Transfer: UC, CSU

C-ID: COMM 130.

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*

*Formerly Speech 5.*

Techniques for effective interpersonal communication are studied with emphasis on developing awareness of one's own actions and their impact on relationships. Verbal and nonverbal communication styles are analyzed and practiced in one-to-one and small group situations. Lecture, discussion, and class participation are utilized to demonstrate a variety of skills including listening conflict resolution, and the effective use of language in personal and professional interactions. In addition, exercises in body language, role playing, and self-disclosure and positive/negative thinking help students understand the power of the communication process.

### **COM ST 36, Gender and Communication** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None*

Exploring the role, influence, effects, and significance of gender on our everyday communication interactions, this course critically analyzes issues of gender and communication by examining the theoretical perspectives used to explain gender phenomena, gender socialization, and male and female interactions and stereotypes. With an emphasis on improving communication skills, we will explore the relationship between gender and communication as it pertains to the nature of gender(s), the language of gender, and gender differences in verbal and nonverbal communication.

### **COM ST 37, Intercultural Communication** **3 units**

Transfer: UC, CSU

C-ID: COMM 150.

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Skills Advisory: Eligibility for English 1.*

*Formerly Speech 7. This course satisfies Santa Monica College's Global Citizenship requirement.*

This course focuses on the identification and analysis of processes and challenges of communication as affected by different cultures, especially as it affects communication among the various cultures found within the United States (e.g. African American, Asian American, Latino/a, Middle Eastern, Native American, European American and Gay/Lesbian cultures) and among the various cultures throughout the world. The course focuses on the principles of communication theory as they apply to the intercultural setting with an emphasis on the effects of differences in beliefs, values, attitudes, socio-political organization, role expectations, language and nonverbal behavior, etc.—all of which are interrelated.

**COM ST 88A, Independent Studies in Debate 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**COM ST 88B, Independent Studies in Debate 2 units**

Transfer: CSU

Please see "Independent Studies" section.

**COM ST 310, Organizational and Small Group Communication 3 units**

Transfer: CSU

- *Prerequisite: English 2 and Admission to the SMC baccalaureate degree program.*

In this course students discuss and apply organizational communication theories with an emphasis on small group dynamics, particularly in diverse workplace environments. Students will investigate numerous theories about organizational communication and case studies to explore the experiences of diverse groups in different workplace environments in history and in contemporary society. Students will identify the problems that diverse groups may face in organizational settings and design programmatic solutions to such problems. The readings and course materials will be used to enhance students' intercultural awareness and understanding of organizational communication theory in practice.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

## Computer Information Systems

Keyboarding skills of 25 words per minute or enrollment in OFTECH 1A or 9 are recommended for computer applications classes.

**CIS 1, Computer Concepts with Applications 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

*\*No UC credit for CIS 1 or 4 if taken after CS 3.*

This beginning course covers the broad use of personal computers. Topics include a description of microcomputer components, input and output devices, networking, and microprocessing concepts. Beginning word processing, spreadsheet, database, Internet, Windows, and programming concepts are introduced. Hands-on experience is provided in a microcomputer lab. Note: Programming,

computer science or engineering students should enroll in Computer Science 3.

*This course uses Microsoft Word 2016 and Windows 10.*

**CIS 4, Business Information Systems with Applications 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

*This is not a beginning computing course. It is recommended that students take CIS 1 prior to CIS 4. Ability to keyboard 25 words per minute is recommended. \*No UC credit for CIS 1 or 4 if taken after CS 3.*

This course introduces students to information systems and their role in business. Topics include information systems, database management systems, networking, e-commerce, ethics and security, computer systems, hardware systems, and application software (word processing, spreadsheet, database, and presentation graphics). In this course, students develop computer-based solutions to a variety of business problems.

*This course teaches Word 2016, Excel 2016, Access 2016, PowerPoint 2016, and Windows 10.*

**CIS 9A, Technology Project Management I 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 3 or CIS 1.*

This course covers the fundamentals of Project Management theory, implementation, and best practices. It is aimed at students who work mostly in the Technology sectors covering software and website development, and other areas of computer science or information systems. Students will learn the theory, as well as the use of Project Management software to plan, track and manage project resources. Topics covered include project life cycles, tasks, schedules, resources, and costs.

*CIS 9A is the same course as CS 9A. Credit may be earned for one, not both.*

**CIS 9B, Technology Project Management II 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 9A or CS 9A.*

This course covers advanced topics of Project Management theory and practice. Students will learn how to manage projects with changing tasks and schedules, and to adjust their resources and budgets. Also covered are leadership and communication skills. Students will complement the theory with case studies and the use of Project Management software.

*CIS 9B is the same course as CS 9B. Credit may be earned for one, not both.*

**CIS 30, Microsoft Excel 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 4.*

This course includes a detailed study of business applications using Microsoft Excel spreadsheet package. Topics include the commands, formats, and functions of Excel with emphasis on its use as a problem solving and financial analysis tool. Students will also learn to create macros, customize ribbons and tabs, and integrate Excel with other applications and the World Wide Web. Students will also have an introduction to writing Visual Basic code.

*This course uses Microsoft Excel 2016 Professional.*

### **CIS 32, Microsoft Access 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 4.*

This course presents an introduction to relational database management systems using Microsoft Access. It is designed to familiarize the student with Microsoft Access and its application in the business world. Topics include: designing, maintaining and querying a database; creating forms, reports, and macros; and an introduction to writing Visual Basic code. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the MOS certification in Access.

*This course uses Microsoft Access 2016.*

### **CIS 34, Advanced Excel with Visual Basic for Applications 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 30.*

This course provides Excel users with the knowledge, skills and techniques needed to write macros using Visual Basic for Applications (VBA) within the Excel environment. The course helps users to automate repetitive tasks, customize Excel menus, buttons and screens, and create user friendly interface for input and output. The course covers basic programming techniques used in Visual Basic and VBA.

*This course uses Microsoft Excel 2010.*

### **CIS 35, QuickBooks 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 1 or 4 and Accounting 1 or 21.*

*Formerly same course as Accounting 35.*

This course provides the student with a realistic approach to computerized, integrated accounting principles using QuickBooks software package. Students will work with the various components of an accounting system in an ongoing business, as well as set up an accounting system for a new company. Topics include the creation of a QuickBooks company, and the analysis of financial statements, reports and graphs. Students will gain experience in the creation and use of invoices, purchase orders, inventory, bank accounts, and payroll. In addition, students will be able to complete the entire accounting cycle including recording adjusting entries and making corrections on the transactions as needed. Hands-on experience is provided in a microcomputer lab.

*This course uses Quickbooks Accountant 2017.*

### **CIS 36C, Spreadsheet – Short Course 1 unit**

Transfer: CSU

- *Prerequisite: None.*

This short introductory course in Excel spreadsheet software acquaints the student with basic features of the software including creating, editing, formatting, and printing of electronic worksheets. It is offered as a brief overview of the software.

### **CIS 36F, Introduction to Windows – Short Course 1 unit**

Transfer: CSU

- *Prerequisite: None.*

This hands-on course covers the basic to intermediate features of the Microsoft Windows operating system—from personalizing your Windows environment to finding files and data. Students will learn how to organize files and search for information using Windows Explorer.

*This course uses Windows 10.*

### **CIS 36G, Introduction to Internet – Short Course 1 unit**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Working knowledge of Windows.*

This hands-on course on the Internet provides students with the opportunity to learn basic and advanced features of the Internet. Topics include browsing, navigating, proper use of Favorites, effective searching for information, creating web pages and using e-mail. Students will learn about the development of the Internet, proper netiquette and social and ethical issues. Additional topics include finding and downloading graphics, freeware and shareware programs from the Internet.

### **CIS 36I, Microsoft Access – Short Course 1 unit**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Working knowledge of Windows.*

This short introductory course in Access software acquaints the student with basic features of the software, including creating, retrieving, and printing electronic databases. It is offered as a brief overview of the software.

### **CIS 36J, Word Processing – Short Course 1 unit**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Working knowledge of Windows.*

This short introductory course in word processing (Microsoft Word) acquaints the student with basic features of the software including creating, revising, storing, and printing documents. It is offered as a brief overview of the software.

### **CIS 36P, Microsoft PowerPoint – Short Course 1 unit**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Working knowledge of Windows.*

This hands-on short course on presentation software teaches the use of Microsoft PowerPoint for business applications. Presentations, handouts, and speaker notes are designed, created, and formatted, using PowerPoint. Students will use graphics, templates, and objects to enhance presentations. Hands-on experience is provided in a microcomputer lab.

*This course uses Microsoft PowerPoint 2016.*

### **CIS 36T, Introduction to Turbo Tax – Short Course 1 unit**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Accounting 15 or prior tax preparation experience.*

This course will teach students how to prepare Federal income tax returns and California individual income tax returns using Turbo Tax software.

### **CIS 37, Microsoft Word 3 units**

Transfer: CSU

- *Prerequisite: None.*



- *Skills Advisory: CIS 1 and ability to type 25 wpm.*

Through the use of Microsoft Word software, skills are developed in creating, revising, formatting, storing, and printing a variety of business documents. Skills are developed from basic functions and editing tools through intermediate features such as AutoText, columns, custom tab settings, charts and graphs, graphics, envelopes, labels, and headers/footers. Emphasis is placed on professional quality production of documents. Students also learn to increase productivity through the use of automated features and multiple windows. Students develop problem-solving skills through the use of document revisions and trouble-shooting assignments. Additionally, students develop advanced skills in areas of interest ranging from legal applications to brochures and newsletters. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the MOS and Expert certification in Word.

*This course uses Microsoft Word 2016.*

### **CIS 38, Microsoft PowerPoint 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 1.*

Through the use of Microsoft PowerPoint software, skills are developed in planning, creating, formatting, enhancing and delivering presentations for business applications. Topics include audience analysis, selection of presentation media, and the creation and presentation of slides, transparencies, and posters. The use of animation, sound and other special effects, as well as Web publishing techniques, will also be covered. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the MOS certification in PowerPoint.

*This course uses Microsoft PowerPoint 2016.*

### **CIS 39, MS Outlook – Comprehensive Course 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 1.*

Microsoft Outlook has become a primary means of office communication and task management. In this course the student will learn to effectively use all features of Outlook e-mail, calendar, contacts, tasks, and notes; create and manage Outlook folders; collaborate with others for scheduling meetings and resources; configure and customize Outlook; integrate Outlook with Microsoft Word Mail Merge and Collaboration features; and convert e-mail attachments to Adobe Acrobat format. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the MOS certification in Outlook.

### **CIS 40, InDesign 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 4, English 1 or Business 31.*

Digital publishers design and produce everything from newsletters and brochures to books and magazines for their clients and employers. In this class, students will develop the skills to integrate text and graphics to design high-quality business publication documents and layouts. Students will create and edit graphics, scan text and images and prepare projects for print or for the Web. This class covers the objectives necessary for the Adobe InDesign certification.

*This course uses Adobe InDesign CC.*

### **CIS 50, Internet, HTML, and Web Design 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 1.*

This hands-on course provides all the skills necessary to navigate, create and manage content on the World Wide Web. Students will become familiar with the Internet and its underlying technology and security. The course also covers the principles of Web page design, the use of graphics and other media files, and the creation of linked documents. Students will use both HTML and a Web authoring program to create and edit Web pages and will have the opportunity to put their Web sites online by publishing to a Web server.

### **CIS 51, HTML5, CSS3, and Accessibility 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 50.*

HTML5 is the next generation HTML. This hands-on course will explore the differences between HTML5 and XHTML, validating pages to current Web standards and using Cascading Style Sheets (CSS) exclusively to control the look and feel of a site. Students will create and enhance Web pages with links, graphics, tables, and forms. Proper use of HTML5 and CSS3 can provide true separation of content, structure, and presentation in Web pages, making them structurally sound, easier to maintain, and more consistent with legal requirements for accessibility.

*Students should have a working knowledge of Windows.*

### **CIS 54, Web Development and Scripting 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 51 or CIS 59A or Graphic Design 66.*

This hands-on course introduces students to Web development using the newest features in client-side markup languages to create modern day visual front-ends. Following responsive Web design practices, students will learn how to make front-ends dynamically react to the user by using features such as floating windows, animations, carousels and sliders, nifty widgets, drop down menus, parallax scroll effects, single page applications and simple games. Students will also learn various client-side techniques for working with data, form data validation, and data collection using Web services, XML, and AJAX to process user input such as product orders. Technologies included in instruction are the current versions of HTML, CSS, JavaScript, JQuery, XML, JSON, and AJAX.

### **CIS 55, Advanced WebPage Development and Scripting 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CIS 54.*

This course is for web designers who want to expand their knowledge of creating script-based Web pages. Students will learn the more advanced techniques used in today's websites. This course assumes a good foundational knowledge of HTML 4, JavaScript and a server-side scripting language such as ASP, PHP, CFM, or ASP.NET. Students will learn how to extend JavaScript to create interactive, dynamic Web pages using Dynamic HTML, incorporate cookies, hidden fields, create animations, write search functions, and interface with databases. MySQL or Microsoft

Access will be used to create data driven applications, such as a shopping cart, or a mailing list. At the completion of this course, students will be proficient in designing and developing interactive Web sites.

### **CIS 56, Web Media Production** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 59A and CIS 60A.

Web media is a woven combination of text, graphics, sound, animation, and video elements. The course is designed to provide students who are familiar with creating Web experiences, the skills to add the dimensions of time, sound, motion, and interactivity to their experience designs, including Internet and mobile technologies, via a variety of authoring tools. Through lectures, demonstrations, and projects, students will complete solid portfolio Web experiences.

### **CIS 57, Website Planning and Production** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 51 or CIS 59A.

This course provides the knowledge, skills, and hands-on experience needed to deliver successful commercial websites. Students will learn the many pitfalls of website planning and production and how to overcome them. This includes understanding what is wanted, and learning how to create the website in a speedy and efficient manner. Students will learn how to manage the project and the client, and perfect techniques in design. Learning how to design for the intended audience, obtain content, select a proper navigation, incorporate various media (graphics, database, animations, etc.), deploy and maintain the website are the key elements covered. This is a hands-on course and the students will utilize newly learned skills to build a website for a client which can be added to their portfolio.

### **CIS 58, Designing Accessible Websites** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 51.

Web accessibility benefits everyone—those with and those without disabilities, through increased usability and interoperability of Web-based materials. The law requires government Web sites to be accessible, and several states have adopted the standards (California included). The requirement will expand exponentially as the law continues to be defined. This class will prepare the developer to deliver legal and accessible Web sites. Topics will include Section 508 guidelines, assistive technologies, and universal design principles. This class is structured to allow learners to explore the area of Web accessibility using a hands-on, project-based approach.

### **CIS 59A, Dreamweaver I** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 50.

This is an introductory course in learning Web page design with Dreamweaver. Students will learn techniques for designing Web pages and expand their knowledge of HTML, Dynamic HTML, and JavaScript. Students will learn to integrate images, sound, and other multimedia using Dreamweaver. This course covers Web site creation and

management features including Web file management, navigation bars, formatting text styles, Cascading Style Sheets, and content management. Upon completing this course, students will be ready to plan, build, upload, and maintain a professional Web site.

*This course uses Adobe Dreamweaver CC.*

### **CIS 59B, Dreamweaver II** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 59A.

This course examines advanced Web development techniques and concepts utilizing the Dreamweaver toolset. Topics covered include site architecture, Web project management, integration with dynamic Web development tools, code management and site enhancements. Students will learn to enhance the development of Dreamweaver Web pages utilizing server-side includes, dynamic XHTML & XML, and intelligent use of graphics and color schemes. Additional topics will include the CSS toolset, site management utilizing cascading templates & libraries, including cutting edge technologies (RSS, podcasting), and dynamic content design with XML tools. Dreamweaver extension manager and use of extensions will also be covered.

*This course uses Adobe Dreamweaver CC.*

### **CIS 60A, Photoshop I** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 1.

This course is for the non-design student interested in learning Photoshop. Students will learn image creation and editing using Adobe Photoshop. Students learn to create, repair and modify images, scan photos, plan composite images and create special effects for use in a variety of applications. Hands-on experience is provided in a micro-computer lab. This class covers the objectives necessary for the Visual Communication using Adobe Photoshop (ACA) certification.

*This course uses Adobe Photoshop CC.*

### **CIS 60B, Photoshop II** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 60A.

This course is for non-design students who are experienced Photoshop users interested in learning the advanced techniques and new features in Photoshop. Students will learn to apply advanced image creation and editing techniques using industry related cases. Students will be able to complete projects by creating and modifying images and photographs; create text using different filters and colors adjustments tools; create special effect by applying production tricks and techniques to Photoshop documents; create various components for the WEB as well as a variety of other applications. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the Adobe Photoshop certification.

*This course uses Adobe Photoshop CC.*

### **CIS 61, Fireworks** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 50.

This hands-on course provides in-depth coverage of Fireworks features. Students will learn to create and understand graphics projects, Web Vector Objects. Topics include working with Web page objects using Vector Tools, importing, modifying and creating graphics, skinning Flex components, building Web and RIA prototypes, and extending Fireworks. Students will learn how to modify pixels on a Bitmap and manipulate images. This course covers masks, color, interactivity, creating animation, and creating sophisticated Web page navigation. Upon completion of this course, students will be ready to plan, build, modify, and optimize graphics designed for Web and AIR deployment.

### **CIS 62A, Flash I** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 50.

In this course students who are not design majors will learn to use Flash. Topics will include the creation of graphic elements using Flash's unique drawing tools, turning graphic elements into animation, and introduction to ActionScripting techniques for the creation of interactive movies.

### **CIS 62B, Flash II** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 62A.

In this course, students who are non-design majors will learn to take their Flash skills to the next level by taking advantage of its scripting language, ActionScript, which offers a more robust programming model and better object-oriented programming support. Topics will include learning how ActionScript can control graphic, sounds, and text. To create user-interface elements, and learn how Flash communicates with outside applications such as Web browsers.

### **CIS 64, Illustrator** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 60A.

This course is for the non-design students interested in learning Adobe Illustrator using Personal Computers for Windows. Students will develop the skills and use a variety of tools to create sophisticated illustrations, logos, advertisements, and other business media graphics for the Web. This class covers the objectives necessary for the Adobe Illustrator certification.

*This course uses Adobe Illustrator CC.*

### **CIS 65, Flash Catalyst** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 51 and one of the following: CIS 60A, CIS 64, or CIS 61.

This hands-on course provides students with the skills to create expressive interfaces using Adobe Flash Catalyst. Students will learn how to convert static artwork into interactive components, such as sliders, scroll panels, buttons, and input boxes. They will graphically edit and create animated transitions between pages or states of components. Other learning objectives include rapid prototyping, testing interactivity, choreographing motion, creating acces-

sible SWF files, blending objects, creating widgets, and handling dynamic data, touch screen and mouse events.

### **CIS 67, WordPress** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 54 and CIS 60A.

WordPress is the world's most popular Content Management System (CMS) platform, powering personal blogs, some of the largest community/society websites, eCommerce web stores and fan sites built with cutting edge technology. This course provides students with the knowledge, skills, and hands-on experience to create, enhance, and maintain a successful WordPress site. Students learn the necessary skills to install WordPress, design, and build a WordPress website, create and sustain a blog, populate the site with content aggregation, and build a content management system. Students will be able to edit the site, integrate analytics, optimize for Search Engine Optimization (SEO), and build for multiple contributors. The design and integration of WordPress themes, widgets, and plugins will be emphasized.

### **CIS 70, Social Media Applications** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CIS 50 or Graphic Design 65.

Social media provides an avenue for individuals and business of all sizes to reach global audiences. Armed with the skills to build podcasts, video galleries, photo streams, Facebook pages, content management systems, and to post information with blogs, wikis, micro-blogging, and RSS feeds one person has the ability to share a multifaceted message with millions worldwide. This course will provide the knowledge and skills to integrate all of the pieces, strategies and tactics with the tools of the social web to create a successful online community that includes interactivity, sharing, and collaboration.

### **CIS 88A, Independent Studies in CIS** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **CIS 88B, Independent Studies in CIS** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

### **CIS 88C, Independent Studies in CIS** **3 units**

Transfer: CSU

### **CIS 90A, Internship in Computer Applications** **1 unit**

Transfer: CSU

Please see "Internships" section.

### **CIS 90B, Internship in Computer Applications** **2 units**

Transfer: CSU

Please see "Internships" section.

## **Computer Science**

Keyboarding skills of 25 words per minute or enrollment in OFTECH 1A or 9A are recommended for computer programming classes.

**CS 3, Introduction to Computer Systems 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

\*No UC credit for CIS 1 or 4 if taken after CS 3.

This is a beginning course intended for students who plan to take additional computer programming or computer science courses. Emphasis in the course is divided between a broad survey of the field of computer information systems and the acquisition of computer skills necessary for more advanced classes. Such skills would involve use of the operating system, file management techniques, use of an editor, and an introduction to programming.

**CS 5, Programming Logic 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is designed to prepare the student for a programming course. It concentrates on problem solving using: Simple Sequence, Selection, Dowhile, Case, and Dountil Control Structure. It covers Structure chart, Flowchart and Pseudocode.

**CS 6, Virtual Worlds and Game Programming 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 3.*

Using Alice, an authoring tool, students will build interactive, animated 3-D virtual worlds. Virtual worlds are interactive, simulated environments that accept human input and provide output in the form of images, sounds, and forces. The software students create will enable them to move around in the virtual world and see it from different angles. Students will create interactive "virtual worlds," games and simulations that can be viewed in a web page. By building these virtual worlds, students will learn the basics of Object-Oriented programming and basic programming logic.

**CS 7, Programming for Non-Computer Science Majors 3 units**

Transfer: UC (pending), CSU

This introductory course covers programming concepts and techniques applicable to those with no computer science background. The course is designed to assist those in non-computer science fields to develop small-scale projects. Topics covered include computer organization, data representation, variables, branching, loops, procedures, external access and the web. Tools used include HTML5, CSS3, Javascript, and JQuery.

**CS 8, Systems Analysis and Design 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Any computer programming course.*

*This advanced course requires students to be proficient in programming. Students with little programming experience are encouraged to take additional programming courses before enrolling in this course.*

In this course students learn how to design a software system from data collection, analysis and design to final output including forms, flowcharts, and documentation. It covers the tools and techniques used in analysis, design, and project management, such as the preparation of systems specifications, detail system designs, Gantt charts, and data-flow diagrams. In this course students develop a

complete system; however this course does not cover any programming concepts.

**CS 9A, Technology Project Management I 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 3 or CIS 1.*

This course covers the fundamentals of Project Management theory, implementation, and best practices. It is aimed at students who work mostly in the Technology sectors covering software and website development, and other areas of computer science or information systems. Students will learn the theory, as well as the use of Project Management software to plan, track and manage project resources. Topics covered include project life cycles, tasks, schedules, resources, and costs.

*CS 9A is the same course as CIS 9A. Credit may be earned for one, not both.*

**CS 9B, Technology Project Management II 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 9A or CIS 9A.*

This course covers advanced topics of Project Management theory and practice. Students will learn how to manage projects with changing tasks and schedules, and to adjust their resources and budgets. Also covered are leadership and communication skills. Students will complete the theory with case studies and the use of Project Management software.

*CS 9B is the same course as CIS 9B. Credit may be earned for one, not both.*

**CS 15, Visual Basic Programming 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 3.*

This introductory course covers basic programming constructs and techniques using VB.Net. Students will learn how to plan, create and debug code based on Object Oriented Programming design and analysis techniques. Topics covered include Data Types, Variables, Decision Statements, Loops, Arrays Input/Output, and basics of Object Oriented Programming using Classes and Objects. *VB .NET complier software is included in course material. This course helps students pass Microsoft Certification Exams.*

**CS 17, Assembly Language Programming 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 50.*

Assembly Language allows the programmer to fully utilize all of the special features of the computer in the most efficient manner. It also aids the high-level language programmer in writing subroutines. The student will write Assembly Language programs that utilize the Intel Pentium chip architecture.

*Students must have access to a Pentium-chip compatible computer system. Software included in course material.*

**CS 18, Advanced Assembly Language Programming 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*



- *Advisory: CS 17.*

This course is a continuation of Assembly Language Programming. The student will write complex assembly programs utilizing the full range of the computer's features. Problem solving through planning coding, testing, and debugging will be emphasized.

*Students must have access to a Pentium-chip compatible computer system. Software included in course material.*

### **CS 19, Advanced Visual Basic Programming 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 15.*

This course covers advanced programming techniques using Visual Basic .NET. Topics include Structures, Classes, Events, Inheritance, and Polymorphism, Overloading, Dynamic Binding, Multiple Document Interface, Windows API, Collections, and Exception Handling. Students also learn how to interface to Databases and build Web forms. *VB. NET compiler software is included in course material. This course helps students pass Microsoft Certification Exams.*

### **CS 20A, Data Structures with C++ 3 units**

Transfer: UC, CSU

- *Prerequisite: CS 52.*

This advanced programming course will use the C++ language to teach methods of representing and manipulating data within a computer. Topics include stacks, queues, trees, sorting, searching, modeling, and dynamically created storage spaces. Students will learn the problem solving skills necessary to write complex computer programs and to make important software design and maintainability decisions.

*Software included in course material.*

### **CS 20B, Data Structures with Java 3 units**

Transfer: UC, CSU

- *Prerequisite: CS 56.*

This course is an introduction into the study of computer algorithms and data structures. This advanced programming course will use the Java language to teach methods of representing and manipulating data within a computer. Topics include stacks, queues, trees, sorting, searching, modeling, and dynamically created storage spaces. Students will learn the problem solving skills necessary to write complex computer programs and to make important software design and maintainability decisions.

### **CS 22, Introduction to Mobile Robots 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 3.*

This course describes the hardware, software, and operation of mobile robots that interact with changing environments. Hardware includes computers and other controllers, motors and artificial muscles, arms, grippers, ultrasonic sensors, whiskers, and cameras. Using a graphical interface on a PC, students will learn to program and operate a robot that can recognize objects and speech, talk back, and navigate around a cluttered room.

### **CS 25, Embedded Systems 3 units**

Transfer: CSU

- *Prerequisite: None.*

- *Advisory: CS 3.*

This is an introductory course on embedded systems design- the use of computers in devices (cell phones, cars, wrist watches, home security systems, etc.) rather than as stand-alone units. Students are directed to design solutions for real world applications using hardware and software. We will discuss the characteristics that define an embedded system and contrast those against that of a stand-alone computer. Students will also look at a variety of applications utilizing embedded processors (microcontrollers). Finally, students will write programs that interact directly with external hardware utilizing a Stamp microprocessor development board.

### **CS 30, MATLAB Programming 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Math 7.*

MATLAB is a scientific computing tool for data modeling and analysis, image processing, and other data intensive applications. This class is designed for science major students. It covers the basics of programming using MATLAB and uses numerical methods as an application to help students learn how to accelerate simple and complex numerical data modeling and analyses.

### **CS 32, Database Programming in Visual Basic.Net 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 15.*

VB.Net is an object-oriented programming language that is part of the .Net Microsoft suite. It provides a graphical programming environment used to create applications for Microsoft Windows and the Web. This course covers advanced concepts for VB .NET that relate to interfaces to databases. Topics include Object Oriented Programming, database interfaces programming, SQL query language, using LINQ and EM, and applying security measures in connections.

*VB .NET compiler software is included in course material.*

### **CS 33, C # Programming 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 19 or CS 50.*

C # (read as C-Sharp) is a modern object-oriented language that enables programmers to quickly build solutions for the Microsoft.NET platform. In this class, programmers will learn to build C# components for use by Web and Windows-based applications. Students will generate MSIL (Microsoft Intermediate Language) code and PE (Portable Executable) files that utilize the services of the CLR (Common Language Runtime) which are all part of the Microsoft.NET platform. *Software included in course material. This course helps students in passing Microsoft Certification Exams.*

### **CS 34A, Game Programming 1 3 units**

Transfer: CSU

- *Advisory: CS 3.*

This course explores how to develop video games using software tools with underlying programming capabilities. Students learn the beginning skills needed to employ code to script the many game components necessary and use 2D and 3D physics, menu systems, and animations in test-

driven development. The course also covers navigation and mobile touch.

### **CS 36, Fortran Programming** 3 units

Transfer: UC, CSU

- *Advisory: CS 3.*

FORTTRAN is a high level language used predominantly in mathematical and scientific applications. Upon completion of CS 36, students will understand the syntax and semantics of FORTRAN, be able to apply the fundamental principles of top down algorithmic design (using pseudocode and flowcharts) to the solution of computer problems, and know how to code, test, and debug programs in this language.

### **CS 37, Web Programming in VB .Net** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 15.*

VB.Net is an object-oriented programming language that is part of the .Net Microsoft suite. This course covers web application development, including the use of ASP and VB .NET. Topics include ASP .NET, Web forms and controls, web data access, state management, web services, using AJAX and security measures implementation.

### **CS 40, Operating Systems** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 17.*

This course provides a functional understanding of operating systems. Topics include memory and process management under multiprogramming, devices and file systems, and user interfaces. Foundation concepts reviewed at the outset include hardware architecture, CPU instruction sets and machine language, number systems, and data structures. UNIX is used to demonstrate concepts, commands, and programming languages.

### **CS 41, Linux Network Administration** 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 50.*

This is a foundation course in the Linux operating system. Booting a Linux machine is dissected, from BIOS firmware to authenticated user shell. Use of shell commands, editors, programming tools, and GUIs are emphasized. Students learn to write shell script programs and install applications using the open source software distribution model. Unix process creation is detailed and a 20-line tutorial shell is developed. Local administration tasks are covered, including user account management, backup, task scheduling, logging, and clock time synchronization. As time allows recompilation of the kernel from source code will be performed.

### **CS 42, Computer Architecture** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Math 20.*

This course provides an introduction to fundamental operations and components that make computers possible. Topics include: number systems; Boolean algebra and logic gates (AND, OR, NOT, XOR, and NAND); simplification of Boolean functions; combination logic; sequential logic;

design of the adder, subtractor, ROM, decoder, and multiplexer; register transfer logic; and processor logic, control logic, and microcomputer system design.

### **CS 43, Windows Network Administration** 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 70.*

This course provides students with the knowledge necessary to understand and identify the tasks involved in supporting Microsoft Windows Networking Operating Systems. It covers topics such as installing and configuring Windows Servers to create File, Print, Web, and Terminal servers, and manage and support a network infrastructure that uses the Microsoft Windows Server products. The course also focuses on Windows Active Directory services, implementing Group Policy and performing the Group Policy related tasks that are required to centrally manage users and computers.

### **CS 50, C Programming** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 3.*

This course will include a review of the concepts of structured programming, error checking, sorting, searching, data types, advanced array handling methods, pointers, and data structures. Applications in business, mathematics, and science will be discussed.

### **CS 51, Visual C++ Programming** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 52.*

C++ handles large programs by packaging sections of interrelated code into discrete, independent parts named objects. Visual C++ adds the Microsoft Foundation Class library making it a powerful Windows programming tool. This course will cover Dynamic Link Libraries, advanced view handling, customizing status bars, operator overloading OLE containers and servers, the Microsoft Foundation class library, serialization, windows timers, graphics, meta-files, multiview programs, graphics display controls, and screen capture.

*Software included in course material.*

### **CS 52, C++ Programming** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 50.*

This course is a continuation of C language programming using the C++ superset of C. C++ offers the following enhancements to C: operator and function overloading, information hiding, inheritance, and virtual functions. C++ will be used in the context of both traditional and object-oriented programming.

*Software included in course material.*

### **CS 53A, iOS Development with Swift** 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 50.*

Swift is an object-oriented language designed for iOS, Apple's advanced mobile platform. In this course, students will learn the syntax and semantics of Swift, be able to

apply fundamental principles of top-down algorithmic design to solve computer problems, and learn how to code, test and debug programs in this language using the XCode, the Apple integrated development environment.

*Students will need access to Intel-based Mac computers, but do not need to have a mobile device such as an iPad or iPhone. Students will be provided XCode to download, if needed.*

### **CS 53B, iOS Mobile App Development 3 units**

Transfer: CSU

- *Prerequisite: CS 53A.*

This course teaches how to design, develop, test and debug applications that run on Apple iOS, a software stack for Apple mobile devices that includes an operating system, middleware and key applications. Topics include the Cocoa Multi-Touch programming framework, the Model-View-Controller design paradigm, application structure, strings, graphics, user interfaces and storage.

*Students will need access to Intel-based Mac computers, but do not need to have a mobile device such as an iPad or iPhone. Students will be provided XCode to download, if needed.*

### **CS 54, Object-Oriented Analysis and Design 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 19 or 52 or 55.*

This course covers the major object-oriented modeling methodologies: UML, OMT and BOOCH. The course explores the use of these methodologies in the context of designing and implementing object-oriented software application.

*Software included in course material.*

### **CS 55, Java Programming 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 19 or 50.*

Java is a general-purpose language for writing platform-independent, robust, secure programs. This course is intended for students who have completed a course in C programming. Students will learn how to develop Java applications and applets. Topics covered include the Java programming language, object-oriented programming (OOP), the Java applications programming interface (API), and graphical user interfaces (GUI's).

### **CS 56, Advanced Java Programming 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 55.*

Java is a general-purpose language for writing platform-independent robust, secure programs. This course continues where CS 55 leaves off in developing mastery of the use of Java programming language and its extensive APIs. Topics covered include exceptions, multithreading, multimedia, Input/Output, Java Database Connectivity (JDBC), Servlets, Remote Method Invocation (RMI), and networking.

### **CS 60, Database Concepts and Applications 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 3 and one programming course.*

This course introduces modern database concepts while emphasizing the relational database model. Topics include design methodologies, normalization of tables to reduce redundancies, supertypes and subtypes to reduce nulls, data integrity, referential integrity, and using locks and other techniques for concurrency control in a multi-user database. Factors that should be balanced during the design of a database are described. To document databases, entity relationship diagrams, relational schemas, and data dictionaries are described. Principles are applied by performing exercises using MySQL or other database management system. SQL and other languages are used to create and fill tables, retrieve data, and manipulate it by stored programs.

### **CS 61, Microsoft SQL Server Database 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 3.*

Microsoft SQL Server is a popular midrange relational database management system (DBMS) that is used in client/server systems and as a personal DBMS. It can be accessed through the Internet. Topics covered in this course include installing the software, principles of relational databases; creating databases, tables, indexes, and views; inserting, deleting, and updating raw data; updating transactions; and querying the database. With the Transact-SQL extensions, topics include creating functions, procedures, and triggers stored in the database.

### **CS 65, Oracle Programming 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 3 and one programming class.*

This course is a practical, hands-on overview of the Oracle Database Management System to store, retrieve, and manipulate data. Oracle is a widely used database that runs on PC's, minicomputers, and mainframes, and Oracle programmers and developers are very much in demand. Oracle's SQL is used to create and alter tables with various constraints. Data is retrieved and manipulated by using SELECTS that can group data and retrieve data from several tables by joining them or by using set operations. Views are created. PL/SQL, with its variables, symbolic constants, IF statements, and loops is used to program stored functions, stored procedures, and triggers. Cursors and error handling (exceptions) are introduced.

### **CS 66, Advanced Oracle 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 65.*

This course expands on topics covered in the basic Oracle course. The topics include SQL, SQL\*Plus, Developer 2000, and DBA tasks. In addition, it will cover in detail the varied aspects of Designer 2000, a software suite instrumental in analyzing, designing, and building large scale Oracle applications.

### **CS 68, Oracle Database Administrator 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 65.*

This course offers hands-on experience as a Database Administrator (DBA) using an Oracle server. Topics include

a DBA's responsibilities, Oracle architecture, installing Oracle software, configurational options, managing RAM and disk space, managing database changes, managing transactions, tuning and monitoring database resources such as space, transactions, memory, and file usage.

### **CS 70, Network Fundamentals and Architecture 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: One programming course.*

This course offers a broad introduction to networking concepts and analyzes different network architectures. Introductory topics include network topologies, media and signaling, protocols, addressing, and distributed networks. The varied ways to connect computers are explored as are the resulting architectures. The course explores subnetting, both physical and virtual and internetworks are constructed in the lab. Server programs are introduced to demonstrate their signature socket-API structure. Specific real-world services such as the apache web server, BIND name server, NFS and Samba file system servers, DHCP address server, and others are discussed.

### **CS 71, Introduction to Windows NT Workstation 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 70.*

This course is an introduction to the Windows NT Operating System. Topics include installation and configuration of the Windows NT Workstation, files and directories, security structures, TCP/IP and NetWare connectivity, printing, performance tuning, and troubleshooting.

### **CS 73, Computer Security Concepts 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 3 or CIS 1.*

In this introductory course students will learn how to defend and protect critical computer assets from various security threats including computer worms and viruses. This course will describe fundamental techniques and principles for modeling and analyzing security. Students will learn how to express security requirements, translate requirements into policies, implement mechanisms that enforce policy, and ensure that these policies are effective. Current industry best practices for safeguarding computer resources will be discussed. Various case studies will outline the typical way that security failures get exploited by attackers and how these attacks can be discovered, understood, and countered.

### **CS 74A, Security in VB.NET Applications 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 15.*

This course provides students with the tools needed to implement security in designing and developing applications written in Microsoft Visual Basic .NET. Topics include encryption, security practices, securing remote applications such as ASP and remote databases. Upon completion of this course, students will be able to develop applications that can handle threats and respond to them more securely.

### **CS 74B, Security in J2EE Applications 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 55.*

This course provides students with the tools needed to implement security in designing and developing applications utilizing the Java 2 Platform. Topics include encryption, security practices, securing remote applications such as secure web servers and remote databases. Upon completion of this course, students will be able to develop applications that can handle threats and respond to them more securely.

### **CS 75, Network Protocols and Analysis 2 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 70.*

This course introduces major protocols and their roles in protocol suites with emphasis on TCP/IP. Detailed coverage is given to at least one protocol at each layer, the main application level protocols and at least one security protocol. Analytic programs such as ping, traceroute, and packet capture are studied and applied as tools to protocol analysis. The Wireshark packet capture and protocol decoder program is centrally utilized.

### **CS 78, Secure Server Installation and Administration 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: CS 70.*

In this course students will study network service administration. This course covers physical BIOS and bootloader security, password strength and cracking, file system permissions, authentication mechanisms, remote backup and logging, and installation strategies as machine-level security considerations. A variety of particular service applications like Apache (web service) and BIND (name service) are then studied, emphasizing their strengths, weaknesses, and how to configure them for security through wrappers, file system access jails, and other mechanisms.

### **CS 79A, Introduction to Cloud Computing 3 units**

Transfer: CSU

- *Prerequisite: CS 3.*

This course introduces cloud computing which shifts information systems from on-premises computing infrastructure to highly scalable internet architectures. The course provides a solid foundation of cloud computing technologies and provides students with the understanding required to effectively evaluate and assess the business and technical benefits of cloud computing and cloud applications. Students analyze a variety of cloud services (storage, servers and software applications) and cloud providers. Case studies will be used to examine various industry cloud practices and applications. The course also surveys cloud careers and discusses industry demand for cloud skills.

### **CS 79B, Database Essentials in Amazon Web Services 3 units**

Transfer: CSU

- *Prerequisite: CS 79A.*

This course addresses cloud database management which supports a number of different approaches for storing data. In the course, students define, operate and scale both



SQL and noSQL data storage solutions. This course considers factors that should be balanced during the design of a storage solution. Principles are applied by performing exercises using Amazon RDS and SQL to create and fill tables, retrieve and manipulate data. Object-based APIs are used to serialize objects to Amazon DynamoDB for noSQL solutions. Topics include automated backups, transaction logs, restoration and retention.

### **CS 79C, Compute Engines in Amazon Web Services** **3 units**

Transfer: CSU

- *Prerequisite:* CS 79A; and (CS 55 or CS 87A or CS 83R or CS 85).

In this course, students explore how cloud computing systems are built using a common set of core technologies, algorithms, and design principles centered around distributed systems. Students will use the Amazon Web Services (AWS) Management Console to provision, load-balance and scale their applications using the Elastic Compute Cloud (EC2) and the AWS Elastic Beanstalk. The course discusses, from a developer perspective, the most important reasons for using AWS and examines the underlying design principles of scalable cloud applications.

### **CS 79D, Security in Amazon Web Services** **3 units**

Transfer: CSU

- *Prerequisite:* CS 79A.

This course focuses on protecting the confidentiality, integrity and availability of computing systems and data. Students learn how Amazon Web Service (AWS) uses redundant and layered controls, continuous validation and testing, and a substantial amount of automation to ensure the underlying infrastructure is continuously monitored and protected. Students examine the AWS Shared Responsibility Model and access the AWS Management Console to learn more about security tools and features provided by the AWS platform.

### **CS 80, Internet Programming** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CS 3.

This course covers the basic technologies used to program Web-based applications. Topics include: HTML5, Cascading Style Sheets (CSS), XML and JavaScript, along with a basic survey of the latest extensions on JS.

### **CS 81, JavaScript and Dynamic HTML** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CS 80.

This introductory programming course teaches the fundamentals of computer programming with the JavaScript language, the standard for client-side Web programming. It offers a thorough treatment of programming concepts with programs that yield visible or audible results in Web pages and Web-based applications. It shows how to use Core and Client-Side JavaScript and the Document Object Model to build interactive, high-performance Web sites. *This course uses JavaScript which is open-source (free) software.*

### **CS 82, ASP.NET Programming in C#** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CS 33.

Server-side Web programming allows programmers to create content and process data supplied in Web forms to create websites. These applications process data submitted from Web forms and access backend databases to dynamically generate Web pages. Students will design and write web pages using ASP 2.0 (Active Server Pages), Visual Studio. NET and the C# programming language.

### **CS 83, Server-Side Java Web Programming** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CS 55 and CS 81.

This course teaches how to design and write applications that extend Web servers. These applications process data submitted from Web forms and access backend databases to dynamically generate Web pages. This course covers the Java Servlets and JavaServer Pages (JSP) server-side technologies.

### **CS 83R, Server-Side Ruby Web Programming** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* Computer Science 60 and 80 and one of the following: CS 15 or 52 or 53A or 55.

This course teaches how to design and write applications utilizing Ruby on Rails, an open-source web application framework based on the Ruby programming language. In this course, students will create applications that gather information from a web server, query databases and render results.

### **CS 84, Programming with XML** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CS 80 and CS 55 or CS 52 or CS 33.

XML (Extensible Markup Language) is a flexible way to create "self-describing data" and to share both the format and content on the World Wide Web, intranets and elsewhere within an enterprise. In this advanced course, students will use XML and learn to tag and transform XML documents so that they can be processed by web browsers, databases and other XML processors. With the industry-standard SAX and DOM API standards, students will create XML applications that read, write and modify XML documents.

*This course assists students in passing Microsoft Certification Exams.*

### **CS 85, PHP Programming** **3 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* CS 81.

This course teaches how to design and write applications that extend Web servers. These applications process data submitted from Web forms and access back-end databases to dynamically generate Web pages. This course covers the PHP server-side technology. PHP, which stands for "PHP: Hypertext Preprocessor" is a widely-used, Open Source, general-purpose scripting language that is especially suited for Web development and can be embedded into HTML. *This course uses PHP and MySQL which are open-source (free) software.*

**CS 86, Android Development****3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: CS 56.*

This course teaches how to design, develop, test, and debug applications that run on Android, a software stack for mobile devices that includes an operating system, middleware and key applications. Topics include the Android Software Development Kit (SDK), design principles, application structure, strings, graphics, user interfaces, animation, storage, networking, telephony, Location-Based Services (LBS), multimedia, 3D graphics, notifications, and services.

**CS 87A, Python Programming****3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: CS 3.*

This course introduces the Python programming language. Students will learn how to write programs dealing in a wide range of application domains. Topics covered include the language syntax, IDE, control flow, strings, I/O, classes and regular expressions. Students may use either a PC (Windows) or a Mac (Linux) to complete their programming assignments.

**CS 88A, Independent Studies in Computer Science****1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**CS 88B, Independent Studies in Computer Science****2 units**

Transfer: CSU

Please see "Independent Studies" section.

**CS 88C, Independent Studies in Computer Science****3 units**

Transfer: CSU

Please see "Independent Studies" section.

**CS 90A, Internship in Computer Science****1 unit**

Transfer: CSU

Please see "Internships" section.

**CS 90B, Internship in Computer Science****2 units**

Transfer: CSU

Please see "Internships" section.

## Cosmetology

Upon completion of the courses, students are prepared to take and pass the California State Board of Barbering and Cosmetology exam to become a licensed cosmetologist, esthetician or manicurist. Courses may lead to an associate degree in cosmetology and/or a certificate of achievement. Students may attend the programs on a full or part time basis.

**COSM 10A, Related Science 1A****1 unit**

- *Prerequisite: None.*

This course provides essential Cosmetology-related theory carefully formulated to prepare a student to pass the written Cosmetology, Skin Care and Manicure State Board Examinations. Basic concepts of bacteriology, sanitation,

health and safety, and physiology pertaining to the head, face, hands and arms, are included in this course.

**COSM 10B, Related Science 1B****1 unit**

- *Prerequisite: None.*

This course provides essential Cosmetology-related theory carefully formulated to prepare a student to pass the written Cosmetology, Skin Care and Manicure State Board Examination. Concepts of the State Board of Cosmetology Act and Regulations will be included as well as health and safety.

**COSM 11A, Hair Cutting 1****0.5 unit**

- *Prerequisite: None.*

This is the first hair cutting class required for all entering students who wish to be licensed for Cosmetology by the state of California. This course is designed to teach beginning students basic techniques of haircutting to create a variety of hair designs.

**COSM 11B, Hair Styling 1****0.5 unit**

- *Prerequisite: None.*

This is the first hairstyling class required for all entering students who wish to be licensed for Cosmetology by the State of California. This course is an introduction to hairstyling. The students will learn how to create hairstyles to pass the state board of cosmetology with the technique of rollers, pin curls, and finger waving.

**COSM 11C, Hair Coloring 1****0.5 unit**

- *Prerequisite: None.*

This is the first hair coloring class required for all entering students who wish to be licensed for Cosmetology by the state of California. The student will learn hair coloring and bleaching techniques and applications. This class is required to pass the California State Board of Cosmetology exam.

**COSM 11D, Permanent Wave 1****0.5 unit**

- *Prerequisite: None.*

This is the first permanent wave class required for all entering students who wish to be licensed for Cosmetology by the state of California. This course is designed to educate the students on permanent waving techniques and applications. It will provide a complete foundation for all permanent wave procedures. This class will enable the students to pass the California State Board of Cosmetology exam.

**COSM 11E, Curly Hair Techniques 1****0.5 unit**

- *Prerequisite: None.*

*Formerly COSM 14A.*

This is the first curly hair technique class required for all students who wish to be licensed for Cosmetology by the State of California. This course is an introduction to curly hair care. Students will learn thermal hair straightening techniques using the basic manipulative skills and proper application of thermal hair processing on curly and excessively curly hair.

**COSM 16, Nail Care 1****0.5 unit**

- *Prerequisite: None.*

This is the first nail care class required for all entering students who wish to be licensed for Cosmetology or Manicuring by the state of California.

**COSM 18, Skin Care 1** **0.5 unit**

- *Prerequisite: None.*

This is the first skin care/esthetician class required for all entering students who wish to be licensed for Cosmetology or Skin Care/Esthetics in the state of California. This course is an introduction to the principles and practice of esthetics (skin care). The course includes health and safety concerns: sanitary practice, safe use of tools and equipment. Basic concepts of anatomy and chemistry related to the skin care profession, manipulations, masks, packs, client consultation, skin analysis, conditions, disease and introduction to basic eyebrow arching are included.

**COSM 20, Related Science 2** **1 unit**

- *Prerequisite: None.*

This class is required for all entering students who wish to be licensed for Cosmetology, Manicuring, or Esthetics by the state of California. This course provides essential cosmetology related theory carefully formulated to prepare a student to pass the written State Board examination. Students are instructed in the basic concepts of health, safety and related chemistry.

**COSM 21A, Hair Cutting 2** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 11A.*

This is the second hair cutting class required for all entering students who wish to be licensed for Cosmetology by the State of California. This course is the continuation of Cosmetology 11A. The students will learn more advanced techniques of haircutting with the use of many different types of cutting tools.

**COSM 21B, Hair Styling 2** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 11B.*

This is the second hair styling class required for all entering students who wish to be licensed for Cosmetology by the state of California. This course is a continuation of Cosmetology 11B. Students will continue to learn more hairstyling techniques and proper use of blow drying and electric curling iron.

**COSM 21C, Hair Coloring 2** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 11C.*

This is the second hair coloring class required for all entering students who wish to be licensed for Cosmetology by the state of California. The student will learn how color affects our lives. They will learn the different types of hair color, including henna, tints, and bleaches. They will have hands on workshops and will learn salon foiling techniques. This class provides a complete foundation for color and bleaching procedures.

**COSM 21D, Permanent Waving 2** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 11D.*

This is the second permanent waving class required for all entering students who wish to be licensed for Cosmetology in the State of California. This course is a continuation of Cosmetology 11D. This course provides an approach to advanced permanent waving techniques using real products in a hands on workshop.

**COSM 21E, Curly Hair Techniques 2** **0.5 units**

- *Prerequisite: None.*
- *Advisory: Cosmetology 11E.*

*Formerly COSM 14B.*

This class is required for all students who wish to be licensed for Cosmetology by the State of California. This course is the second class in curly hair care. Students will learn chemical and thermal hair straightening, soft perm techniques using the basic manipulative skills and proper application of thermal hair processing, curling, and chemical relaxing for excessively curly hair.

**COSM 26, Nail Care 2** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 16.*

This is the second nail care class required for all entering students who wish to be licensed for cosmetology or manicuring by the State of California. The student will learn State Board Rules and regulations, safety techniques and sanitation for Nails Care as well as the application of nail tips, nail wraps, manicures and pedicures.

**COSM 28A, Skin Care 2A** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 18.*

This is the second course required for Skin Care/Esthetician and Cosmetology licensing. The students will demonstrate the application of both individual and strip eyelashes, and the proper method of hair removal, waxing, and makeup as required by the state of California.

**COSM 28B, Skin Care 2B** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 18.*

This course is required for Skin Care and Cosmetology licensing. The student will learn to perform electrical and chemical facials and to demonstrate the use of electrical facial machines.

**COSM 30, Related Science 3** **1 unit**

- *Prerequisite: None.*

This class is required for all students who wish to be licensed for Cosmetology or Esthetics by the state of California. This course provides essential Cosmetology related theory carefully formulated to prepare a student to pass the written State Board Examination. Students are instructed in basic concepts of electricity (galvanic/sinusoidal), sanitation and disinfectant techniques.

**COSM 31A, Hair Cutting 3** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 21A.*

This is the third hair cutting class required for all entering students who wish to be licensed for Cosmetology by the state of California. This course is a continuation of 21A. The student will learn more advanced salon techniques for the latest trends of haircutting.

**COSM 31B, Hair Styling 3** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 21B.*

This is the third hair styling class required for all entering students who are preparing to be licensed for cosmetology by the State of California. This course provides an approach to different blow drying methods. Students will learn the

fundamentals of blow drying long, medium, and short hair techniques, when used alone or in combination, can create many different hair designs.

### **COSM 31C, Hair Coloring 3** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 21C.*

This is the third hair coloring class required for all entering students who wish to be licensed for Cosmetology by the state of California. This course is a continuation of 21C. The students will learn how to formulate color to achieve the desired results the first time; learn about bleaching products, color applications and procedures, and advanced hair color and foil techniques.

### **COSM 31E, Curly Hair Techniques 3** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 21E.*

Formerly COSM 24.

This is the third curly hair styling class required for all entering students who wish to be licensed for cosmetology by the state of California. This course is a continuation of Cosmetology 21E. The student will learn wet and thermal styling which includes blow dry styling and pressing and curling the hair. This class is required to pass the California state Board of cosmetology exam.

### **COSM 36, Nail Care 3** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 26.*

This is the third nail care class required for all entering students who wish to be licensed for cosmetology or manicuring by the State of California. The student will learn State Board Rules and regulations, safety techniques and sanitation for Nails Care as well as the application of acrylics, French manicures.

### **COSM 38, Skin Care 3** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 28.*

This is the third skin care class required for all entering students who wish to be licensed for Cosmetology or Esthetics by the state of California. This course is a continuation of 28B. The students will learn more advanced techniques for chemical and electrical facials with galvanic current, high frequency, and many European massage techniques.

### **COSM 38B, Mechanical Exfoliation** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 38.*

This is an advanced skin care class for students and licensed Estheticians. This class is a continuation of COSM 38. The students will learn more advanced techniques for skin analysis, record keeping, advanced anatomy and physiology to determine the protocol for microdermabrasion treatments.

### **COSM 38C, Chemical Exfoliation** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 20, 38.*

This is an advanced skin care class for students and licensed Estheticians. This class is a continuation of COSM 38B. The class will focus on the chemistry of exfoliation products, the pH scale and skin analysis to determine which chemical exfoliate should be used.

### **COSM 40, Related Science 4** **1 unit**

- *Prerequisite: None.*

This class is required for all students who wish to be licensed for Cosmetology by the state of California. This course provides essential Cosmetology related theory carefully formulated to prepare a student to pass the written State Board Examination. Students are instructed in rules and regulations, basic concepts of health and safety, and chemistry.

### **COSM 41A, Hair Cutting 4** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 31A.*

This is the fourth class required for all entering students who wish to be licensed for Cosmetology by the State of California. This course is a continuation of 31A. The student will learn more advanced salon techniques using different tools for the latest hair cutting trends.

### **COSM 41B, Hair Styling 4** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 31B.*

This is the fourth class required for all entering students who wish to be licensed for Cosmetology by the State of California. This course provides an advanced approach to hair styles, including up-do's with styling techniques for different lengths of hair.

### **COSM 41C, Hair Coloring 4** **0.5 unit**

- *Prerequisite: Cosmetology 31C.*

This course provides the student the opportunity to learn advanced techniques of hair color including slicing, foiling, weaving, singles and ribbons.

### **COSM 42, Men's Hair Styling** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 31A.*

This class is required for all students who wish to be licensed for Cosmetology by the state of California. This class is designed to teach the many techniques of designing men's hair which will include wet and dry cuts, finger cutting, scissors over comb, clipper over comb, beard trims, mustache and eyebrow shaping, and blow drying.

### **COSM 46, Nail Care 4** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 36.*

This is the fourth nail care class required for all entering students who wish to be licensed for cosmetology or manicuring by the State of California. The student will learn State Board Rules and regulations, safety techniques and sanitation for Nail Care as well as the application of gel nails, pedicures, Spa manicures/pedicures and 3-D art.

### **COSM 48, Skin Care 4** **0.5 unit**

- *Prerequisite: None.*
- *Advisory: Cosmetology 38.*

This is the fourth skin care class required for all continuing students who wish to be licensed for Esthetics and Cosmetology by the state of California. This course will be a combination of theory and practical application. It will prepare the student to take the State Board examination required to obtain a license in Skin Care.



**COSM 48B, Advanced Make-Up 0.5 unit**

- *Prerequisite:* None.
- *Advisory:* *Cosmetology 28A.*

This class is required for all students who wish to be licensed for Esthetics and Cosmetology by the state of California. This is an intense class in make-up application. This course will include color theory, blending make-up, the use of concealers, highlighters and contours. The application of blush, powders, lip liners and lipstick, eye makeup techniques, and the application of new trends will also be covered. Students will learn how to determine face shapes, the correct way to tweeze, wax eyebrows, and work with brow pencils. Students will learn evening glamour and high fashion make-up, hair removal, special bridal looks, coordination of the wedding party make-up, and how to conduct a wedding party consultation. Make-up techniques for color and black-and-white film and work with studio lighting are included.

**COSM 50A, Related Science 5 2 units**

- *Prerequisite:* None.
- *Advisory:* *Completion of at least 800 hours in Cosmetology.*

This class is required for all students who wish to be licensed for Cosmetology by the state of California. This course provides essential Cosmetology related theory carefully formulated to prepare a student to pass the written State Board Examination. Students are instructed in basic concepts of record keeping, facials, wet styling, scalp treatment, haircutting, perms, relaxing, hair color, thermal treatments, manicuring, and artificial nails.

*COSM 50A is mandatory for Cosmetology students. Esthetician students may take COSM 50A after completing 400 hours.*

**COSM 50B, Practical Preparation for State Board Exam 1.5 units**

- *Prerequisite:* None.
- *Advisory:* *Completion of at least 1000 hours in Cosmetology.*

The State Board Practical-Prep class is a class that will prepare the student to take the California State Board practical exam required to obtain a cosmetology license. The state board procedures include: wet hairstyling, thermal pressing and curling with Marcel iron, haircutting, finger waving, roller placement, pin curls, manicure, pedicure, acrylic nails, nail repair, (silk and paper), facial (chemical facial, dermal light facial, plain facial) Hair removal, (tweezers and wax), soft perm (ammonium thioglycolate), hair straightening (sodium hydroxide), cold wave (permanent wave), hair coloring, bleaching, P.D. test (predisposition test), disinfection, sanitation and safety procedures.

**COSM 50C, Written Preparation for State Board Exam 1 unit**

- *Prerequisite:* None.
- *Advisory:* *Completion of at least 1000 hours in Cosmetology.*

This theory course is designed to successfully prepare the student to take the written portion of the California State Board exam required to obtain a cosmetology license. State Board written testing includes: wet hairstyling, thermal pressing and curling with Marcel iron, haircutting, finger waving, roller placement, pin curls, manicure, pedicure, acrylic nails, nail repair, (silk and paper), facial (chemical

facial, dermal light facial, plain facial, hair removal (tweezers and wax), soft perm (ammonium thioglycolate), hair straightening (sodium hydroxide), cold wave (permanent wave), P.D. test (predisposition test), disinfection, sanitation and safety procedures.

**COSM 50E, Written Preparation for Esthetician State Board Exam 1 unit**

- *Prerequisite:* None.
- *Advisory:* *Completion of at least 400 hours of Esthetician coursework.*

This theory course is designed to successfully prepare the student to take the written portion of the National-Interstate Council of State Boards of Cosmetology (NIC) exam required to obtain an esthetician license. Written testing includes: disinfection, sanitation, health and safety, rules and regulations, bacteriology, anatomy and physiology, manual facials, chemical facials, electrical facials, advanced techniques of skin care, eyebrow tweezing, waxing and makeup procedures.

**COSM 50N, Written Preparation for Nail Care State Board Exam 1 unit**

- *Prerequisite:* None.
- *Advisory:* *Completion of at least 300 hours of Nail Care coursework.*

This theory course is designed to successfully prepare the student to take the written portion of the National-Interstate Council of State Boards of Cosmetology (NIC) exam required to obtain a Manicuring license. Written testing includes: disinfection, sanitation, health and safety, rules and regulations, bacteriology, anatomy and physiology, manicuring, pedicuring, nail tips, acrylic and gel nails.

**COSM 64, Salon Management 2 units**

- *Prerequisite:* None.

This course presents an opportunity for a student/licensee to learn clientele building, choosing the right salon, types of leases and rent agreements, business permits, how to handle supplies, labor related laws, and key points for operating a salon as well as how to write a resume.

**COSM 88A, Independent Studies in Cosmetology 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**COSM 95A, Salon Experience 1 unit**

- *Prerequisite:* *Completion of all beginning courses. Cosmetology students must have completed at least 300 classroom hours; Skin Care students must have completed 60 classroom hours; Nail Care students must have completed 40 classroom hours.*

*COSM 95 is a variable unit course offered in four modules -A, B, C, or D. Students should sign up for the module that best fits their course schedules to maximize hours earned.*

This course is a module of a variable unit, variable hour, open-entry/open-exit experience provides the opportunity to obtain practical salon training working on patrons. The practical work is as close to actual beauty salon experience as possible. Students will earn hours toward the required practical hours and operations to be eligible to take the California State Board of Barbering and Cosmetology exam, under the supervision of faculty. The student has fulfilled the salon requirement upon completion of 650-700

hours and has successful demonstration of all required operations.

### **COSM 95B, Salon Experience** **2 units**

- *Prerequisite: Completion of all beginning courses. Cosmetology students must have completed at least 300 classroom hours; Skin Care students must have completed 60 classroom hours; Nail Care students must have completed 40 classroom hours.*

*COSM 95 is a variable unit course offered in four modules-A, B, C, or D. Students should sign up for the module that best fits their course schedules to maximize hours earned.* This variable unit, variable hour, open-entry/open-exit experience provides the opportunity to obtain practical salon training working on patrons. The practical work is as close to actual beauty salon experience as possible. Students will earn hours toward the required practical hours and operations to be eligible to take the California State Board of Barbering and Cosmetology exam under the supervision of faculty. The student has fulfilled the salon requirement upon completion of 650-700 hours and has successfully demonstrated all required operations.

### **COSM 95C, Salon Experience** **3 units**

- *Prerequisite: Completion of all beginning courses. Cosmetology students must have completed at least 300 classroom hours; Skin Care students must have completed 60 classroom hours; Nail Care students must have completed 40 classroom hours.*

*COSM 95 is a variable unit course offered in four modules-A, B, C, or D. Students should sign up for the module that best fits their course schedules to maximize hours earned.* This course is a module of a variable unit, variable hour, open-entry/open-exit experience provides the opportunity to obtain practical salon training working on patrons. The practical work is as close to actual beauty salon experience as possible. Students will earn hours toward the required practical hours and operations to be eligible to take the California State Board of Barbering and Cosmetology exam, under the supervision of faculty. The student has fulfilled the salon requirement upon completion of 650-700 hours and has successful demonstration of all required operations.

### **COSM 95D, Salon Experience** **4 units**

- *Prerequisite: Completion of all beginning courses. Cosmetology students must have completed at least 300 classroom hours; Skin Care students must have completed 60 classroom hours; Nail Care students must have completed 40 classroom hours.*

*COSM 95 is a variable unit course offered in four modules-A, B, C, or D. Students should sign up for the module that best fits their course schedules to maximize hours earned.* This course is a module of a variable unit, variable hour, open-entry/open-exit experience provides the opportunity to obtain practical salon training working on patrons. The practical work is as close to actual beauty salon experience as possible. Students will earn hours toward the required practical hours and operations to be eligible to take the California State Board of Barbering and Cosmetology exam, under the supervision of faculty. The student has fulfilled the salon requirement upon completion of 650-700 hours and has successful demonstration of all required operations.

## **Counseling**

Formerly listed as Human Development.

The Counseling Department offers courses which assist students with student success strategies, learning and study skills, AA degree and transfer planning, career development and internships, conflict resolution skills and behavior management. Disabled Student Services offers several such courses and more which provide specialized information for disability-related concerns.

Students may apply a maximum of 4 units of Counseling courses to the AA degree. The following courses are exempt from this unit limitation: Counseling 12, 20 and 30.

### **COUNS 1, Developing Learning Skills** **1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with counseling.*

This course is designed to help students at all academic levels to improve their study skills in time management, goal-setting, lecture and textbook note-taking, textbook reading, exam preparation, and test-taking to increase their academic success. This course is offered on a pass/no pass basis only.

### **COUNS 11, Orientation to Higher Education** **1 unit**

Transfer: CSU

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with counseling.*

This course introduces higher education and the Master Plan for Higher Education in California. Emphasis is on curricula available at community colleges, state and independent colleges and universities, and the University of California. Included will be discussion of non-curricular areas in higher education and general educational policies, student government and its role in education, and environmental differences in the various institutions of higher learning, especially in California. This course should prove especially useful to international students or others unfamiliar with the structure and philosophy of higher education, both public and private. Offered on a credit/no credit basis only.

### **COUNS 12, Career Planning** **1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course is designed to inform and assist students in making appropriate and satisfying career choices. Using self-evaluation instruments, students identify interests, abilities, values, and goals. Skills necessary for future career investigation and decision-making are included.

### **COUNS 13, Personal and Social Awareness** **1 unit**

- *Prerequisite: None.*

The course presents the theoretical foundations and techniques of group processes. Through group interaction, the student gains greater self-awareness, sensitivity to others and more effective communication skills.

### **COUNS 15, Job Search Techniques** **1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

The objective of this course is to teach skills necessary for successful job hunting by students. Skills identification, interviewing techniques, researching the job market, and resume writing are explored.

**COUNS 16, Job Success Skills 1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with counseling.*

This entry-level employment course provides the skills that new employees need to retain their jobs. These skills include communicating skills; getting along with employers, supervisors, and customers; exhibiting positive attitudes and behaviors; adapting to the company culture; and surviving the initial months on the job.

**COUNS 19, Orientation Seminar 0.5 unit**

Transfer: CSU

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This nine hour course for new students will provide a comprehensive introduction to the college environment by focusing on Santa Monica College's programs and services and on the development of essential college survival skills. The orientation provides an overview of college policies and an insight into faculty expectations. It also includes an introduction to the structure of higher education systems, degree and transfer requirements, math and English/ESL assessment and interpretation, study skills, and financial aid information. Students will also develop and file a Student Educational Plan in consultation with a counselor.

**COUNS 20, Student Success Seminar 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course provides an exploration of intellectual, psychological, social and physical factors that impact lifelong learning, well-being and success. Topics include motivation and self-efficacy; critical thinking, academic integrity and active study strategies; health issues and lifestyle choices; relating to others as a global citizen; written and oral communication; time management; career exploration; and educational planning.

**COUNS 47, Personal Finance for Students 1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course provides students with the fundamental tools to make informed decisions that impact their short and intermediate-term finances. Topics covered include money management and the decision processes and behaviors underlying spending, saving, and borrowing. *Counseling 47 is the same course as Business 47. Students may earn credit for one but not both.*

**COUNS 88A, Independent Studies in Counseling 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**COUNS 90A, General Internship 1 unit**

Transfer: CSU

Please see "Internships" section.

**COUNS 90B, General Internship 2 units**

Transfer: CSU

Please see "Internships" section.

**COUNS 90C, General Internship 3 units**

Transfer: CSU

Please see "Internships" section.

**COUNS 90D, General Internship 4 units**

Transfer: CSU

Please see "Internships" section.

## Counseling: Disabled Student Services - Noncredit

The following courses are noncredit and free. They do NOT carry academic credit.

**COUNS 910, ABI Connections 0 units**

- *Prerequisite: None.*

This course is taught in community settings for adults with acquired brain injuries. The course instructs students in retraining and increasing cognitive skills. Caregivers will be included in the instruction when desirable.

**COUNS 912, Basic Living Skills 0 units**

- *Prerequisite: None.*

This course is designed for developmentally disabled/slow learners. The curriculum includes development of basic skills in the areas of meal planning and preparation, shopping, money management, social behavior, leisure and pre-vocational skills.

**COUNS 921, Learning Skills 0 units**

- *Prerequisite: None.*

This class provides individualized instruction to students who require specialized training in any of the following areas: 1) the use of adapted equipment or technology, 2) the acquisition of skills necessary to adapt to the college environment, or 3) the identification of learning strengths and weaknesses toward the development of an individual educational plan.

**COUNS 912W, Developing Occupational Skills 0 units**

- *Prerequisite: None.*

The Developing Occupational Skills Class is designed for developmentally disabled/slow learners. The program curriculum includes development of basic skills in the areas of meal planning and preparation, shopping, money management, sex education, social behavior, leisure, and pre-vocational skills.

## Counseling: Disabled Student Services

The Center for Student with Disabilities is a program designed to ensure that students with disabilities have equal access to all programs and activities on campus. Our primary goal is to encourage and promote independence in students so they may achieve their full potential. We



strive to provide the highest quality programs and services to our students with disabilities including a variety of classes to support their academic success.

### **COUNS 1H, Study Skills Lab** **0.5 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course introduces specific learning and study strategies that assist students in meeting the academic demands of their college courses. Each class covers in depth only one area of study skills each 8 weeks. These classes are designed to target specific areas of weakness.

### **COUNS 2H, Study Skills Lab** **0.5 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course introduces specific learning and study strategies that assist students in meeting the academic demands of their college courses. Each class covers in depth only one area of study skills each 8 weeks. These classes are designed to target specific areas of weakness.

### **COUNS 12H, Career Planning** **1 unit**

Transfer: CSU

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course is designed to inform and assist students in making appropriate and satisfying career choices. Using self-evaluation instruments, students identify interests, abilities, values, and goals. Skills necessary for future career investigation and decision-making are included.

### **COUNS 13H, Personal and Social Awareness** **1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course is designed for students who wish to gain greater self-awareness, become more sensitive to others, and improve their communication skills through group interaction.

### **COUNS 15H, Job Search Techniques** **1 unit**

- *Prerequisite: None.*
- *Advisory: Counseling 12H.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

The objective of this course is to teach skills necessary for successful job hunting. Skills identification, interviewing techniques, researching the job market, and resume writing are explored. Emphasis is placed on understanding legal rights of a person with a disability under federal and state laws.

### **COUNS 21H, Adapted Computer Technology** **1 unit**

- *Prerequisite: None.*

In the context of word processing, students receive instruction in the assistive technology needed to provide computer access for completion of written academic assignments. This course is designed for the Disabled Students Program and students must enroll through the Disabled Students High Tech Center. Students must be concurrently enrolled in an academic class at Santa Monica College.

### **COUNS 22H, Adapted Computer Technology, Internet Skills for Academic Success** **1 unit**

- *Prerequisite: None.*

In the context of the appropriate assistive technology and ergonomics, students learn Internet skills and resources helpful for academic coursework. This class is designed for students eligible for the Disabled Students Program, and students must enroll through the Disabled Students/High Tech Center. Students must be concurrently enrolled in academic classes at SMC. Experience with basic word processing skills is strongly suggested.

### **COUNS 25H, Adapted Computer Technology, Technology Tools for Academic Success** **0.5 unit**

- *Prerequisite: None.*

In the context of the appropriate assistive technology and ergonomics, students learn software programs relevant to their academic success. Programs address academic strategies and reference tools, (e.g., brainstorming, organizing information, planning, spelling and homonym checking, dictionaries and thesauri), text to speech technology, and the fundamentals of industry-standard applications used in mainstream courses (e.g., Excel, Access, Photo Shop). This class is designed for students eligible for the Disabled Students Program, and students must enroll through the Disabled Students/High Tech Center. Students must be concurrently enrolled in academic classes at SMC. Experience with basic word processing skills is strongly suggested.

### **COUNS 26, Technology Literacy for Academic Success** **1 unit**

- *Prerequisite: None.*

In the context of the appropriate assistive technology and ergonomics, students learn features of industry-standard applications (e.g., formatting a research paper in Word, creating a multimedia PowerPoint presentation) professors expect students to use for their course assignments. Students will use these technologies to create a short research paper and a PowerPoint presentation relevant to their academic coursework and/or learning strategies. This open-entry, self-paced course is designed for students eligible for the Disabled Students program, and students must enroll through the Disabled Students/High Tech Center. Students must be concurrently enrolled in academic classes at SMC.

### **COUNS 41H, Independent Living Skills** **2 units**

- *Prerequisite: None.*

This course is designed for those physically disabled students who wish to function more independently in their activities of daily living (ADL). Emphasis will be placed on skill acquisition in both home and community activities through an application of problem-solving methods and a learning hierarchy. Assessments of functional performance will be administered in order to provide behavioral feedback information and encourage skill improvement. Skills necessary for successful community and college adaptation will be included in instruction. Principles of consumer advocacy and a historical framework of the disabled in the U.S. and California will be included.

### **COUNS 51, Test Taking/Memory Strategies** **1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*



This course is designed to teach specific learning strategies in the areas of test taking and memory. Students will learn to be more successful in taking various types of academic tests by applying specific strategies for studying for tests, retaining and recalling information, answering test questions, and learning from mistakes. This course is designed for students with learning disabilities.

### **COUNS 52, Textbook/Memory Strategies 1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course is designed to teach specific learning strategies in the areas of textbook study and memory. Students will learn to improve comprehension of textbooks in various subject areas by reading actively, to create a variety of study tools from textbooks, and to apply techniques for remembering what has been read. This course is designed for students with learning disabilities.

### **COUNS 53, Phonics, Spelling and Vocabulary Development 1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course helps students develop strategies to improve phonetic and rule-based spelling. This course also helps students develop vocabulary through understanding of word morphology. This course is designed for students with learning disabilities.

### **COUNS 54, Organizational Strategies 1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

The primary emphasis of this class is time management and task analysis. Students are taught how to break academic assignments down into individual steps and how to schedule these and other tasks on daily, weekly, and monthly calendars. Goal setting, prioritizing, procrastination, and evaluation of study time and environment are part of this planning process. Also covered are organization of materials and information, preferred learning styles, and sensory modalities. This class is designed for students with learning disabilities and especially attention deficit disorders.

### **COUNS 55, Student Success Strategies 1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course is designed to assist students with learning disabilities in developing specific learning and study strategies in order to meet the academic demands of their college level coursework.

### **COUNS 56, Written Language Strategies 1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course incorporates the use of computers and software to implement and support the step-by-step stages of writing strategies. This course is designed for students with learning disabilities.

### **COUNS 57, Listening, Note Taking and Memory 1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course is designed to improve a student's ability to actively listen, take lecture notes, and to employ memory strategies. The class is specifically for students with learning disabilities. Assistive technology for note taking is also explored.

### **COUNS 58, Math Strategies 1 unit**

- *Prerequisite: None.*

*Maximum credit of AA applicable counseling courses may be limited; check with Counseling.*

This course teaches students with learning disabilities strategies to improve how they learn mathematics and solve mathematical problems.

### **COUNS 59, Textbook Strategies Using Technology 1 unit**

- *Prerequisite: None.*

Students learn to apply technology-based study strategies to enhance comprehension and retention of instructional materials. Students will apply the strategies with consideration for their learning styles and the types of materials they are reading. Comprehension strategies such as patterns of organization and skimming techniques are also covered. This course is designed for students with learning disabilities.

## **Counseling - Noncredit**

The following courses are noncredit and free. They do NOT carry academic credit.

### **COUNS 906, American Sign Language Level 1 (Beginner) 0 units**

- *Prerequisite: None.*

This introductory course is designed for the student with little or no previous knowledge of American Sign Language (ASL). ASL is taught using an interactive approach, which includes classroom conversation, games and exercises. Students learn basic everyday communication skills, using signed words and finger spelling. Course content includes information about deaf culture and the deaf community.

## **Dance: Appreciation and History**

See also "Dance: Performance & Application"

These courses are presented in a lecture format. These are not movement classes. Please see Dance: Performance & Application courses.

### **DANCE 2, Dance in American Culture 3 units**

Transfer: UC, CSU

IGETC AREA 3A (Arts)

*Satisfies Global Citizenship*

- *Prerequisite: None.*

- *Skills Advisory: Eligibility for English 1.*

This course is a comparative and integrative study of world dance styles of the United States. Included is the study of

Native American, European American, African American, Chicano/Latin American, and Asian American dance styles from their historical origins to the present. The study of dance traditions from both the technical and cultural perspective is presented in relation to social, theatrical and artistic dance. Observation and descriptive skills are learned through films, live performances and lectures.

### **DANCE 5, Dance History 3 units**

Transfer: UC, CSU  
IGETC AREA 3A (Arts)

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is a historical survey course which covers dance as a religious expression, social form and a performing art. Theatrical, social, and sacred ritual is investigated in different historic periods and places, predominately within Western civilization. Time periods covered include Ancient Egypt, Classical Greek, Dark Ages, Middle Ages, Renaissance, Baroque, Rococo, Romantic, Neo-Classic, and 20th Century. Styles and schools of thought include ballet, modern dance, jazz and tap, and world dance forms. Attendance of dance productions for which students must purchase tickets is required.

### **DANCE 7, Music for Dance 3 units**

Transfer: UC, CSU  
• *Prerequisite: None.*

This course focuses on the relationship between music and dance. Students investigate and learn music fundamentals, music and dance styles, improvisational and compositional skills for today's artistic world. Attendance at dance productions for which students must purchase tickets is required.

## **Dance: Performance and Application**

See also "Dance: Appreciation & History"

### **DANCE 9, Dance Productions 3 units**

Transfer: UC, CSU  
• *Prerequisite: None.*

This lecture survey course addresses the many different requirements of putting on a production, providing the theoretical foundation that supports the production process, and building an information base of the specialized language and terminology, schedules and procedures necessary to produce a show. Students learn how to organize and prepare the different aspects of production, how to implement ideas, and how to communicate with specialists in the field.

### **DANCE 10, Fundamentals of Dance Technique 2 units**

Transfer: UC, CSU  
• *Prerequisite: None.*

This course places emphasis on the fundamental training necessary for success in a variety of dance and movement styles for dance students of all levels. Movement principles from sources including anatomy, biomechanics and rehabilitation will be utilized to improve body alignment, core stabilization, breath support and other aspects of technique in key dance movement patterns. Students will dem-

onstrate proper body alignment, learn human anatomy as it pertains to the moving body, analyze different principles of movement emphasizing time, space and effort as well as enhance the mind-body connection through somatic principles.

### **DANCE 11, Beginning Hip Hop Dance 2 units**

Transfer: UC (pending), CSU  
This introductory course will explore fundamental techniques of hip hop dance. Attention is placed on basic syncopation, isolations and rhythms with an emphasis on musicality, strength, flexibility and coordination. Improvisation or "freestyling" is introduced to develop the individual expression and style indigenous to the form. Critical analysis of hip hop choreography and an appreciation of hip hop dance including its cultural significance, history and origins as an art form are emphasized. Written assignments and attendance at Dance Department concerts are required.

### **DANCE 12, Intermediate Hip Hop Dance 2 units**

Transfer: UC (pending), CSU  
• *Advisory: Dance 11.*  
This course builds on the fundamental techniques of hip hop dance at an intermediate level. Attention is placed on syncopation, isolations and rhythms with an emphasis on musicality, strength, flexibility and coordination. Improvisation or "freestyling" is emphasized to further develop the individual expression and style indigenous to the form. Critical analysis of hip hop choreography and hip hop street dance, along with its cultural significance, history and origins as an art form are also emphasized. Written assignments and attendance at Dance Department concerts are required.

### **DANCE 14, Beginning Modern Jazz Dance 1 unit**

Transfer: UC, CSU  
• *Prerequisite: None.*  
This introductory course will explore the fundamental techniques of Jazz Dance. Attention is placed on basic jazz dance steps and vocabulary, with emphasis on musicality, strength and flexibility, expression, coordination and an appreciation of jazz dance as an art form. The technique also investigates the use of rhythm, dynamics, space, and energy while disciplining the body and developing motor skills as a tool for creative self expression. Written assignments on American jazz icons and attendance at the Departments Dance concerts are required.

### **DANCE 15, Intermediate Modern Jazz 1 unit**

Transfer: UC, CSU  
• *Prerequisite: None.*  
• *Advisory: Dance 14 or Equivalent Experience.*  
This course is a continuation of Dance 14, building on the intermediate jazz techniques and movement vocabulary. Students should be at the intermediate level. The class introduces new skills and movement variations from various jazz styles. The technique investigates the use of rhythm, dynamics, space, and energy while disciplining the body and developing motor skills as a tool for creative self expression. Written assignments on American jazz icons and attendance at the Dance concerts are required.

### **DANCE 16, Advanced Modern Jazz 1 unit**

Transfer: UC, CSU  
• *Prerequisite: None.*

- *Advisory: Dance 15 or Equivalent Experience.*

This course is a continuation of Dance 15, building on the advanced jazz techniques and movement vocabulary. The class focuses on advanced skills and movement variations from various jazz styles. Longer combinations further explore dance expression in jazz with more complex dance sequences and rhythmic phrasing. The technique also investigates the use of intricate rhythms, dynamics, space, and energy while disciplining the body and developing motor skills as a tool for creative self expression at an advanced level. Written assignments on American jazz icons and attendance at the Departments Dance concerts are required.

### **DANCE 17, Beginning Tap** **1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

This course introduces tap technique and styles (including rhythm tap and Broadway tap), information about the cultural and historical origins of tap, and current trends and applications of tap in concert dance and musical theater. Emphasis will be on fundamental skills and rhythms, time steps, flash footwork, short combinations, and styling.

### **DANCE 18, Intermediate Tap** **1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 17 or Equivalent Experience.*

This course presents a more in depth look at tap technique and styles. Students learn intermediate steps and techniques with a focus on more complex syncopated rhythms, tonal clarity and speed. Different musical styles will be introduced relating rhythms, time signatures, and musical structures to tap styles. Students will study historical tap dance figures, current trends, choreographic ideas and improvisation.

### **DANCE 19, Ballroom Dance** **1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

This course gives students the opportunity to learn various social dance forms. It is designed for students with no dance experience as well as experienced dance students who want to be introduced to dance forms new to them. Examples of dance forms that may be included are: Fox Trot, Waltz, Swing, Rumba, Cha Cha, Tango, and Samba. The course will focus on exploring the differences and similarities among styles and techniques while also developing coordination skills. Historical studies and individual choreography will enhance the student's knowledge of each dance form as well as encourage creativity.

### **DANCE 20, World Dance Survey** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

Both dance majors and non-majors learn specific world dance styles within a given semester; the study of the music, art, and costume of the particular style is also included. The dance techniques learned will serve as preparation for the World Dance Performance Course (Dance 57A). *Students may select either Middle Eastern/East Indian Dance or Salsa Dance. See specific course section listings.*

### **DANCE 21, Asian Pacific Dance Survey** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course introduces students to the theatrical, social, and religious traditions of Asian/Pacific Dance in its cultural context. The movement techniques of one or more forms will be studied in one semester, as well as the relationship of the dance to music, myth, and character.

*Dance 21 serves as preparation for Dance 57A, the Global Motion performance class.*

### **DANCE 22, Mexican Dance** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is a Mexican dance class which introduces techniques and styles of traditional Mexican dances. Movements are taught as students learn authentic regional dances and study indigenous and outside influences, historical impact, costumes and music. The dance techniques learned will serve as preparation for Global Motion World Dance Company performance classes (Dance 57A and Dance 57B).

### **DANCE 23, Intermediate Mexican Dance** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 22 or equivalent Experience.*

This course is an intermediate level course in the content and technique of traditional Mexican dance. Lecture topics include: the history of additional states of Mexico not included in beginning Mexican dance, the culture of those people past and present, European and African influences, impact on the indigenous people, the influence of religion, music, art, and popular styles. Dance technique topics include: placement, intermediate level footwork, rhythm patterns, intermediate level dances and choreography. The dance techniques learned will serve as preparation for the Global Motion World Dance Company performance courses (Dance 57A and Dance 57B).

### **DANCE 24, Flamenco Dance 1** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course introduces students to the movement and music of Flamenco Dance and its cultural, historic, and geographic origins. Dance techniques are studied in relationship to Cantos or Flamenco song, and compared to Spanish classical and folk dance.

*Dance 24 serves as preparation for Dance 57A, the Global Motion performance class.*

### **DANCE 25, African Dance** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is an introduction to the study of African dance with an emphasis on West African traditional and contemporary dances. Emphasis is on techniques of Ghana, Nigeria, Senegal, and Dunham Technique.

*Dance 25 serves as preparation for Dance 57A, the Global Motion performance class.*

### **DANCE 27, Brazilian Dance** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course surveys Brazilian dance with an emphasis on Afro-Brazilian technique and styles. Course content will

include dances of the Candomble Orixas, folkloric forms such as Maculele and Maracatu, Samba, and contemporary Brazilian choreographies. Instruction will also include lectures on the vital relationship between dance, drumming, song, costume, and legends of these living traditions. The impact of these dance forms on Brazilian society will also be presented in both lecture and movement technique.

*Dance 27 serves as preparation for Dance 57A, the Global Motion performance class.*

### **DANCE 27B, Intermediate Brazilian Dance 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 27 or equivalent Experience.*

This course offers an intermediate level of Brazilian dance with an emphasis on further developing aesthetic concepts and principles of traditional and contemporary Afro-Brazilian dance movement. Course content will include in-depth study of orixa dance movement, introduction to the Silvestre Technique, folkloric dances from the Northeastern region of Brazil, contemporary Afro-Bahian dances and further development of these living dance genres in performance. Correct body alignment and placement will be stressed with the goal of mastering new steps, more advanced footwork, rhythmic patterns and critical analysis of this global dance form.

### **DANCE 29, Middle Eastern/North African Dance 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course introduces students to the movement, music, and costumes of Middle Eastern/North African Dance. In this course students will examine historic culture and modern developments in this dance genre. Students will study the origins of Middle Eastern/North African dance techniques, rhythms, and terminology.

### **DANCE 31, Ballet I 1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is designed to introduce the concepts and principles of classical ballet technique to the beginning student with emphasis on body alignment/placement. Correct body alignment and stance will be stressed throughout the semester. Class will be taught in the classically accepted manner of learning ballet technique with movement phrases demonstrated by the instructor then practiced by the student to musical accompaniment. Movement vocabulary designed to improve and enhance each dancer's strength, coordination and flexibility will be included in each class.

### **DANCE 32, Ballet 2 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 31 or equivalent Experience.*

This course offers a beginning/intermediate level of classical ballet technique with an emphasis on further developing aesthetic concepts and principles of classical ballet technique learned in Dance 31. Correct body alignment and stance will continue to be stressed throughout the semester and technique combinations will be added with the goal of mastering new steps and terminology introduced in barre and centre sequences. Class will be taught in the classically accepted manner of learning ballet technique with

exercises demonstrated by the instructor then practiced by the student to musical accompaniment. Movement phrases to improve and enhance strength, flexibility and endurance will be included in each class.

### **DANCE 33, Ballet 3 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 32 or equivalent experience.*

This course is designed to introduce the concepts and principles of classical ballet technique at the intermediate level. Dance 33 is taught in the classically accepted manner of learning ballet technique. Exercises at the barre and centre will incorporate combinations of movements practiced to various musical rhythms and dynamics. This course facilitates students learning of other dance styles, and prepares the dancer for stage performance experience. This class is intended for dance majors.

### **DANCE 34, Ballet 4 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 33 or equivalent experience.*

This course is designed for students to continue to master concepts and principles of intermediate ballet technique with an emphasis on the development of improving technical ability. Exercises at the barre and the centre will continue to incorporate combinations of movements practiced to various musical rhythms and dynamics. This course will introduce concepts of dance kinesiology and injury prevention as well as prepare the dancer for stage performance experience. This class is intended for dance majors.

### **DANCE 35, Ballet 5 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 34 or equivalent experience.*

This course is designed for the students with a sound understanding and mastery of ballet technique at an intermediate/advanced level of ability. Extensive ballet terminology, complex combinations of movements, diverse musical rhythms and dynamics will be introduced throughout the semester. This course will emphasize strengthening the student's technical ability and preparing the student for study at the advanced level of ballet technique. Study of kinesiology and injury prevention will be included as well as preparation for stage performance experience. This class is intended for dance majors.

### **DANCE 36, Ballet 6 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 35 or equivalent experience.*

This course is designed for the student at the advanced level of ballet technique. Emphasis is placed on maintaining the advanced level of technique the dancer has achieved. Extensive ballet terminology, intricate movement combinations, diverse musical rhythms and dynamics will be centered both at barre and centre. This course will prepare students for auditions and stage performance experience in professional fields, as well as guide the student to devise the movement combinations for the class in anticipation of future teaching responsibilities. Study of kinesiology and injury prevention will continue to be included. Students



majoring in dance should prepare audition for transfer. This class is intended for dance majors.

**DANCE 37, Beginning Pointe 1 unit**

Transfer: UC, CSU

- *Prerequisite: Instructor approval required.*
- *Advisory: Dance 36 or equivalent experience.*

This course introduces the advanced ballet student to the basics of beginning pointe work. Topics covered include placement and strength-building exercises, selection of proper footwear, and barre and center work in soft shoes and en pointe.

**DANCE 38, Intermediate Pointe 2 units**

Transfer: UC, CSU

- *Prerequisite: Instructor approval required.*
- *Advisory: Dance 37 or equivalent experience.*

This course introduces advanced ballet students to the intermediate level of pointe work. Students work on placement, body alignment and barre and center work en pointe at the intermediate level. Students will learn selected classical variations necessary for transfer and professional auditions. This class is intended for dance majors.

**DANCE 41, Contemporary Modern Dance I 1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is a beginning level of modern dance technique with an emphasis on body alignment/placement, an introduction to body awareness, movement in space, and modern dance terminology. Technique, placement and creative experiences, along with correct body alignment and stance will be stressed throughout the semester. Stretching exercises to improve and enhance each dancer's strength, limberness and flexibility will be included.

**DANCE 42, Contemporary Modern Dance 2 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 41 or equivalent experience.*

This course offers a beginning/intermediate level of modern dance technique with an emphasis on further developing aesthetic concepts and principles of movement learned in Dance 41. Correct body alignment and stance will continue to be stressed throughout the semester and technique combinations will be added with the goal of mastering new steps and terminology. More complete use of body parts, complex movement phrasing and vocabularies, and new technical skills will be introduced in class.

**DANCE 43, Contemporary Modern Dance 3 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 42 or equivalent experience.*

This course is an intermediate level of contemporary modern dance technique with an emphasis on developing technical and compositional skills. Dance 43 will embrace increased range of motion, more complex phrases with various musicality, and more in depth analysis of movement and choreography. This course is intended for dance majors.

**DANCE 44, Contemporary Modern Dance 4 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

- *Advisory: Dance 43 or equivalent experience.*

This course is designed for students to continue to master concepts and principles of intermediate modern dance technique with an emphasis on the development of improving technical ability. Dance 44 introduces compositional skills, diverse movement phrases with different styles, changes of levels, and increased "air" skills with multiple turns. This class is designed to prepare students for stage performance experience. This class is intended for dance majors.

**DANCE 45, Contemporary Modern Dance 5 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 44 or equivalent experience.*

This course is an intermediate-advanced modern dance technique, continuation of dance 44. The ability to transfer, invert and do phrases in retrograde, as well as use dynamic physicality (high energy changes in levels and dynamics) is explored. Repertory excerpts are also included in this course. This class is designed to prepare students for stage performance experience. This class is intended for dance majors.

**DANCE 46, Contemporary Modern Dance 6 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 45 or equivalent experience.*

This course is designed for students at an advanced level of contemporary modern dance technique. Emphasis is placed on maintaining the advanced level of technique the dancer has achieved. The ability to transfer, invert and do phrases in retrograde, as well as use dynamic physicality (high energy changes in levels and dynamics) is explored. Original and traditional repertory excerpts are also included in this course. This class is designed to prepare students for stage performance experience. Students majoring in dance should prepare audition for transfer. This class is intended for dance majors.

**DANCE 55A, Dance Performance – Modern 3 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*
- *Corequisite: Any Ballet or Modern Dance Course (Dance 31-36, 41-46).*

The course offers performance experience and is organized as a modern dance company for concerts and dance productions. Students participate as dancers and choreographers. Students learn artistic expressions and movement composition from professional faculty, guest choreographers and student choreographers. Styles may include traditional modern, postmodern fusion, contemporary ballet, contemporary jazz, hip-hop, performance art and mixed media. Students develop new vocabulary and creativity from related dance-theatre forms for personal artistic expression. Students will participate in community outreach by performing in local schools, campus wide activities, as well as American College Dance Festival and other conferences. This performance class is intended for dance majors. Recommended dance experience in Dance 33-36, 43-46, 61-63.

**DANCE 55B, Dance Repertory – Modern 1 unit**

Transfer: UC\*, CSU

- *Prerequisite: Audition required.*

- *Advisory: Any Ballet or Modern Dance Course (Dance 31-36, 41-46).*

\*Maximum UC credit for Dance 55B and Dance 59A is 4 units.

This course offers students the opportunity to perform modern dance in repertory. Dance majors perform works in new and varied settings to a variety of audiences including the Jazz Music Series, Studio Stage Concerts, and community performances.

### **DANCE 55C, Modern Dance Staging Techniques 1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course provides on-site exploration and application of stage production skills (staging, lighting, make-up) for modern dance repertory performance. Students will also learn about the process of touring a production.

### **DANCE 57A, World Dance Performance 3 units**

Transfer: UC, CSU

*Satisfies Global Citizenship*

- *Prerequisite: Audition required.*
- *Corequisite: Any Ballet, World, or Modern Dance Course (Dance 21-36, 41-46).*

This course offers performance experience in a world dance company. World dance forms are learned, refined, and presented in order to experience cultural identity, preservation, and global citizenship. Students audition as dancers and choreographers. Students rehearse and perform styles of world dances which may include African, Mexican, Asian, European, American, Jazz, Tap, Middle Eastern, and Latin. Students work with faculty choreographers, as well as professional guest choreographers. Students will participate in community outreach by performing in local schools, campus wide activities, as well as American College Dance Festival and other conferences. This performance class is intended for dance majors. Recommended dance experience in Dance 15, 16 21-25, 27, 29, 33-36, 43-46.

### **DANCE 57B, Repertory World Dance 1 unit**

Transfer: UC, CSU

- *Prerequisite: Audition required.*
- *Advisory: Any Ballet, World, or Modern Dance Course (Dance 21-36, 41-46).*

This course offers students the opportunity to perform different world dance styles in repertory in a community outreach program. Dance majors perform works in new and varied settings to a variety of audiences and encourage and inform high school students who are potential college dance majors. Recommended dance experience in Dance 15, 16, 21-25, 27, 29, 33-36, 43-46.

### **DANCE 57C, World Dance Staging Techniques 1 unit**

Transfer: CSU

- *Prerequisite: None.*

Students will learn stage production (staging, lighting, scenery, make-up) for world dance performance. Students will also learn about the process of touring with a production.

### **DANCE 59A, Dance Performance – Ballet 3 units**

Transfer: CSU, UC\*

- *Prerequisite: Audition required.*
- *Advisory: Any Ballet Course (Dance 31-38).*

\*Maximum UC credit for Dance 55B and 59A is 4 units.

This course offers performance experience as a ballet dance company. Students audition, rehearse, and perform ballet. Students work with professional choreographers.

### **DANCE 60, Fundamentals of Choreography I 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course explores the process of using movement to give outward expression of inner sensations and feelings. It includes techniques of releasing tensions, developing, imagery, improvisation, and discussion of aesthetic concepts.

### **DANCE 61, Fundamentals of Choreography 2 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 60 or equivalent experience.*

This course is a continuation of Dance 60, further developing creative process and authentic movement. Emphasis is placed on the forming process, as well as developing and refining movement material. Individual studies and group improvisations are included.

### **DANCE 62, Fundamentals of Choreography 3 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 61 or equivalent experience.*

A continuation of Dance 61, this course focuses on the forming process and compositional craft. Solos, duets, and trios are created using guided imagery and improvisation, as well as experimental approaches. Students study design concepts and dance forms. New dances are showcased at the end of the term.

### **DANCE 63, Fundamentals of Choreography 4 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Dance 62 or equivalent experience.*

A continuation of Dance 62, this course emphasizes choreography for ensemble. Choreographers investigate the interplay of spatial design, timing, and movement elements in creating a dance for a group. Sound score and basic costume further support the intention of the finished work showcased at the end of the semester.

### **DANCE 70, Dance Staging Technique 1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course is designed to develop stage production skills for dance performances. Students will learn how to transfer a dance work from the rehearsal studios to a professional stage, using the elements of staging, lighting, scenery/props, and make-up for various styles of dance productions. Students will also learn about the process of touring with a production, site selection and fundamentals of arts management.

### **DANCE 75, The Teaching of Dance for Children 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course, the study of developmentally appropriate creative movement experiences for children, gives students methods to guide creativity in the pre-K and elementary classroom and to develop dance lessons tied to specific subject areas. Students gain knowledge of the movement

aspect of child development and how to use creative dance to research and teach subject matter across the pre- K and elementary curriculum. It covers the role of movement in developing children's physical, motor, emotional, and cognitive skills, and includes workshops and field experience in planning and implementing appropriate creative experiences with young children.

*Dance 75 and ECE 75 are the same course. Students may receive credit for one but not both.*

### **DANCE 79, Dance in New York City** **1 unit**

- *Prerequisite: Audition Required.*

This course provides a New York City study and lecture tour of dance schools, dance resources, and dance performances. Students will be introduced to one of the dance capitals of the world, attending backstage tours, company rehearsals and performances, and libraries and resource centers. They will also have the opportunity to attend dance classes, university transfer sites, and related arts events. This course covers information and experiences only available in New York City and is a valuable learning component for the career or university minded dance student.

### **DANCE 88A, Independent Studies in Dance** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **DANCE 88B, Independent Studies in Dance** **2 units**

Please see "Independent Studies" section.

### **DANCE 90A, Dance Internship** **1 unit**

Transfer: CSU

Please see "Internships" section.

### **DANCE 90B, Internship in Dance** **2 units**

Transfer: CSU

Please see "Internships" section.

## **Early Childhood Education**

Students taking Early Childhood Education and Education courses that include field work may be required to pay for Live Scan fingerprint processing and/or a TB test.

### **ECE 2, Principles and Practices of Teaching Young Children** **3 units**

Transfer: CSU

C-ID: ECE 120.

- *Skills Advisory: Psychology 11.*

An examination of the underlying historical contexts and theoretical principles of developmentally appropriate and best practices. Explore programs, environments, relationships, adult-child interactions, and teaching strategies in supporting children's development and learning. Map professional ethics, career pathways and professional standards. This class is appropriate for students wanting to work with young children in a variety of programs, including infant-toddler, preschool, transitional kindergarten, and kindergarten.

### **ECE 4, Language and Literature for the Young Child** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Psychology 11.*

This course provides a developmental framework for planning and implementing experiences that support and extend children's abilities to use language as a means of communication, as a medium of creative expression and as a tool in the development of logical thought. It introduces techniques for assessing children's language skills and for developing a program to meet those needs through individual interactions and group activities. The course reviews the current research pertaining to language acquisition and pre-reading skills development within a culturally sensitive framework. Students will review children's literature and obtain practice in story selection, reading and storytelling to young children.

### **ECE 5, Math and Science for the Young Child** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Psychology 11.*

This course applies child development principles to the planning of science and mathematics experiences for both typically and atypically developing young children. Emphasis is placed on understanding how children develop problem-solving skills, and on recognizing how teachers can facilitate inquiry-discovery experiences for young children with diverse learning styles and needs. Course work includes participation in experiments and field experiences in life sciences. Students are required to develop and provide developmentally and culturally appropriate activities in science and mathematics activities for young children.

### **ECE 8, Creative Experiences – Art, Music, and Movement** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Psychology 11.*

This course applies child development principles to planning multicultural art, music, and movement experiences for young children. It covers the role of art, music, and movement in developing children's physical-motor, social-emotional, and cognitive skills, with emphasis on providing conditions that encourage development of creativity and aesthetic awareness. Class work includes workshops and field experiences in planning and implementing appropriate creative experiences with young children.

### **ECE 9, Introduction to School-Age Child Care** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Psychology 11.*

This course focuses on the dynamics of school-age children participating in before and after school programs. Developmentally appropriate activities for a diverse group of children between the ages of five and twelve are covered including homework and study skills. State regulations, community resources, nutrition, behavior management, program planning, environment and staff development are covered within a culturally sensitive framework. The importance of literacy is stressed throughout the course.

**ECE 11, Child, Family and Community 3 units**

Transfer: UC, CSU

C-ID: CDEV 110.

*IGETC Area 4 (Social and Behavioral Sciences)**Satisfies Global Citizenship*

- *Advisory: Psychology 11.*

This course is an examination of the developing child in a societal context focusing on the interrelationship of family, school and community with an emphasis on historical and socio-cultural factors. Studies of family systems in contemporary society as they impact children and their individual heritage, diverse culture, ability and language will be examined highlighting at least three major American cultures (Latino American, African American, Asian American, Native American, and European American). The processes of socialization and identity development will be highlighted showing the importance of respectful, reciprocal relationships that support and empower families.

**ECE 17, Introduction to Curriculum 3 units**

Transfer: CSU

C-ID: ECE 130.

- *Prerequisite: None.*
- *Advisory: Psychology 11.*

Developmentally appropriate curriculum and environments for young children. Explores teaching strategies and curriculum development based on theoretical frameworks, observation, and assessment. Emphasizes the teacher's role in supporting development and learning across the curriculum, including all content areas.

**ECE 19, Teaching in a Diverse Society 3 units**

Transfer: CSU

C-ID: ECE 230.

*Satisfies Global Citizenship*

- *Prerequisite: None.*

Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Students will recognize and contrast cultural and historical perspectives of at least 3 American cultural groups (Latino American, African American, Asian American, Native American and European American) to promote understanding, knowledge, and skills for educating children in a pluralistic society. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. The course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

**ECE 21, Observation and Assessment 4 units**

Transfer: CSU

C-ID: ECE 200.

- *Prerequisite: Psychology 11, Early Childhood Education 2 and 11, and one of the following: Early Childhood Education 4, 5, 8, 17.*

This course is a supervised field experience which focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored.

Students are required to have a current TB test, Live Scan completed at SMC, and proof of immunizations. Students will also be required to complete 30 days of supervised field experience in an early childhood setting with a California Mentor or at a NAEYC Accredited Early Childhood Program (1 day equals 3 or more hours).

*The hours of this course may be applied toward the Experience Requirement of the Child Development Permit Matrix.*

**ECE 22, Practicum in Early Childhood Education 5 units**

Transfer: CSU

C-ID: ECE 210.

- *Prerequisite: Early Childhood Education 21.*

This course is a demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. Students are required to have a current TB test, Livescan completed at SMC, and proof of immunizations. Students will also be required to complete 40 days in an early childhood setting with a California Mentor (1 day equals 3 or more hours).

*The hours of this course may be applied toward the Experience Requirement of the Child Development Permit Matrix.*

**ECE 23, Practicum in Early Intervention 5 units**

Transfer: CSU

- *Prerequisite: Early Childhood Education 45 and 49.*

In a fieldwork setting and under the supervision of an early intervention specialist, students will gain practical experience in order to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of young children with special needs and their families. Focus on evidence-based practices in meeting the individualized needs of children in inclusive and natural environments will be stressed. Students will function in the role of an early intervention assistant in professional partnership with an interdisciplinary intervention team. Students will be required to complete 30 days (total 90 hours, 1 day equals 3 or more hours) in an early intervention program, early childhood special education setting or an early childhood setting that includes young children with special needs. Students must bring evidence of a current SMC livescan form or California Commission on Teacher Credentialing Certificate of Clearance or current CA Child Development Permit and a TB test clearance on the first day of class.

**ECE 24, Preschool and Early Primary Development 3 units**

Transfer: CSU

This course examines theories of development and the developmental processes focusing on children ages 3-6. Developmental benchmarks in the physical, cognitive, social, emotional, and language domains are identified, as well as the multiple influences that impact children's development. This course is designed for those working



with students in transitional kindergarten, kindergarten, and early education classrooms.

### **ECE 25, Assessment in Transitional Kindergarten and Kindergarten** **3 units**

Transfer: CSU

- *Prerequisite: ECE 2 and 24.*

This course explores the appropriate use of assessments to support students' development and learning. It covers various methods of observation and data collection, tools, and strategies including time management and legal and ethical responsibilities. The course emphasizes the use of findings to inform and plan differentiated instruction, classroom environments, and to provide the basis for family partnerships. The course is designed for those working with students in transitional kindergarten, kindergarten, and early education classrooms.

### **ECE 26, CA Preschool Foundations and Frameworks 1** **3 units**

Transfer: CSU

This course is an introduction to the California Preschool Learning Foundations and Curriculum Frameworks. Domains covered in this course include: Social/Emotional Development, Language/Literacy, English Language Development, Visual and Performing Arts. This course provides practical strategies for implementing the curriculum frameworks developed for each domain and may be used to satisfy required or professional development units for Child Development Permit holders, and/or preschool, transitional kindergarten, and early education teachers.

### **ECE 27, CA Preschool Foundations and Frameworks 2** **3 units**

Transfer: CSU

This course is an introduction to the California Preschool Learning Foundations and Curriculum Frameworks. Domains covered in this course include: History/Social Studies, Math, Science, Health, & Physical Development. This course provides practical strategies for implementing the curriculum frameworks developed for each domain and may be used to satisfy required or professional development units for Child Development Permit holders, and/or pre-school, transitional kindergarten, and early-primary teachers.

### **ECE 28, Practicum in Transitional Kindergarten Teaching** **3 units**

Transfer: CSU

- *Prerequisite: ECE 25 and (ECE 26 or ECE 27).*

Designed for students at the end of their Transitional Kindergarten certificate program. Student teachers will participate in 36 hours of supervised clinical practice in a transitional kindergarten classroom. Student teachers will be expected to demonstrate developmentally appropriate teaching competencies, making connections between theory and practice, and professional teaching behaviors. Relationships with children and families; play-based approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as students design, implement and evaluate experiences. Students are required to possess one of the following: a valid Multiple Subject credential, current Certificate of Clearance, or a LiveScan completed at SMC. In addition, all

students must show proof of negative TB test (within 365 days) and proof of immunizations.

### **ECE 29, Reflective Practice Seminar** **3 units**

Transfer: CSU

- *Prerequisite: ECE 22 or 23 or 28.*

This course is designed for teachers working in early childhood or transitional kindergarten settings. Students examine their teaching philosophy and engage in the reflective practice cycle process. Students use a variety of instructional strategies, including purposeful play, to assess and support children's learning and development. This course is the capstone course for the Transitional Kindergarten certificate.

### **ECE 30, Strategies for Working with Challenging Behaviors** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is appropriate for classroom teachers in various settings, students will identify developmentally appropriate behaviors, challenging behaviors and the various influences that effect children's behavior. Students will analyze children's behaviors and select strategies to make positive changes. Emphasizes the connection between children's social and emotional development and their success in the classroom, and how the teachers' perceptions, experiences, and behavior influence child behaviors.

### **ECE 32, Communicating with Families** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course will enhance the capacity of early childhood educators to communicate effectively with families about development and developmental concerns. Topics covered will include an overview of typical and atypical child development, parenting and social challenges faced by families of children with special needs, the importance of developmental screening and effective communication strategies for working with families. The ultimate goal of the course is to enhance the relationships between parents and the providers who serve them.

### **ECE 41, Administration 1: Programs in Early Childhood Education** **3 units**

Transfer: CSU

- *Prerequisite: Early Childhood Education 21.*
- *Advisory: Experience as an early childhood teacher.*

Introduction to the administration of early childhood programs. Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program. This course meets the requirements of the State Department of Social Services for directors of programs under their supervision.

### **ECE 43, Administration 2: Personnel and Leadership in Early Childhood Education** **3 units**

Transfer: CSU

- *Prerequisite: Early Childhood Education 41.*

Effective strategies for personnel management and leadership in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional

development, and reflective practices for a diverse and inclusive early care and education program.

### **ECE 45, Introduction to Children with Special Needs** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Psychology 11.*

This course introduces the variations in development of individuals with special needs, with special emphasis on children ages birth through eight and the resulting impact on families. It includes an overview of historical and societal influences, laws relating to children with special needs, and the identification and referral process. The course covers various categories of disability, including learning and physical disabilities, autism, mental retardation, behavioral disorders, communication disorders, visual and hearing impairments, attention deficit disorders and giftedness.

### **ECE 46, Infant and Toddler Development** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Psychology 11.*

This course provides an in depth analysis of the physical, social, emotional and cognitive development of infants and toddlers in the context of family. Further, it explores the crucial role that parents and family play in the day to day experiences that promote this primary relationship in a child's life. Content covered will include assessment measures and direct observations of infants and toddlers which assist teachers and parents in the early identification of children with special needs including making appropriate referrals and providing culturally consistent care.

### **ECE 47, Developing Family Childcare** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is designed to assist with planning and implementing a family child care business serving children from birth to school-age. Aspects of family childcare from both a care giving and business perspective will be addressed. Topics covered include environment, guidance, curriculum, legal implications, governing regulations, and business requirements. Another focus will be the development of a culturally sensitive and inclusive child-centered program. Effective communication methods between parents and providers as well as the connection of developmental theory to practice will be emphasized.

### **ECE 48, Adult Supervision and Mentoring in Early Education** **3 units**

- *Prerequisite: Early Childhood Education 21.*

*Completing this course is one of the steps required to become a California Mentor Teacher. It does not guarantee automatic selection as a California Mentor Teacher.*

Methods and principles of supervising student teachers, volunteers, staff, and other adults in early care and education settings. Emphasis is on reflective practice and the roles and development of early childhood professionals as mentors and leaders. California Commission on Teacher Credentialing requires this course for Master Teacher, Site Supervisor and Program Director Permits Option One. California ECE Mentor Teacher program requires this course in order to apply to the Mentor program. As a component of course work, this class requires 4 hours of time

to complete an infant/toddler or preschool live observation using a standard assessment tool and creation of a plan for mentoring.

### **ECE 49, Curriculum and Strategies for Children with Special Needs** **3 units**

Transfer: CSU

- *Prerequisite: Early Childhood Education 45.*

This course covers curriculum and intervention strategies for working with children with special needs in partnership with their families. Focus is on the use of observation and assessment, accommodations, and curriculum modifications in meeting the individualized needs of children in inclusive and natural environments. Included is the role of the culturally competent teacher in professional partnership with families and collaboration with interdisciplinary teams.

### **ECE 51, The Reggio Approach** **3 units**

Transfer: CSU

- *Prerequisite: None.*

In cooperation with the State Commission of Teacher Credentialing, this course will focus on the theories, research, and practical application of the Reggio Emilia Approach as applicable to early childhood education in the U.S. The key concepts of collaboration between parents, teachers and children; observation of how children construct theories; documentation and reflection of the learning process; the expanded role of the teacher as a co-creator of knowledge, and the examination of the impact of the environment in facilitating children's learning will be studied.

### **ECE 54, Documentation: Making Learning Visible** **3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly ECE 52.*

This course highlights documentation as a process focusing on children's experiences, thoughts and ideas during the course of their investigations, experiences, play, and relationship building. Documentation sharpens and focuses teacher's own awareness of their role in further supporting children's experiences and development. Pedagogical documentation is about the ongoing process of reflection and being intentional. Students will be introduced to the forms, tools, and uses of documentation as well as the elements by which effective documentation can make learning visible to children, parents and teachers.

### **ECE 55, Environment As The Third Teacher** **3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly ECE 53.*

This course highlights the elements that can stimulate, sustain, enhance, or detract from living and learning in an early childhood classroom or outdoor space. This course includes principles of architecture and design based on the elements of Rating Observation Scale for Inspiring Environments tool. The elements of the environment as they support relationships, engage senses, help create connections, promote literacy, and numeracy support problem solving, and provide intellectual and physical challenges, will be explored. In addition environments will be evalu-

ated for elements including osmosis, sensory integration, flexibility, transparency, and narration.

### **ECE 61, Teacher/Child Interactions 3 units**

Transfer: CSU

- *Prerequisite: None.*

The early childhood years are critical for children to gain knowledge and skills that provide the foundation for later learning. Young children learn through the interactions they have with their teachers. This course is intended to increase students' knowledge about the vital role that teacher-child interactions play in learning and skill acquisition. Because language and early literacy skills are the gatekeepers for later school success, this course will also provide students with the knowledge they need to effectively implement language and literacy curricula through meaningful and intentional teacher-child interactions.

### **ECE 64, Health, Safety, and Nutrition for Young Children 3 units**

Transfer: CSU

C-ID: ECE 220.

- *Prerequisite: None.*

Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health safety and nutrition. The key components that ensure physical health, mental health and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Focus on integrating the concepts into everyday planning and program development for all children.

### **ECE 70, The Hanen Language Program 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course teaches the methods of the Hanen Centre's "Learning Language and Loving It" research based program designed to facilitate language acquisition skills in young children. It provides students with a step-by-step approach to promoting children's social, language and literacy development within everyday activities in early childhood settings. Students will learn how to create enriched interactive language-learning environments that include children with special needs, second language learners and those who are typically developing. This class requires students to have ongoing access to young children (any age from birth to 8) in a family child care or early childhood education program. Students will need access to a digital video camera in order to document their interactions with young children.

### **ECE 71, Infants and Toddler Education and Care 3 units**

Transfer: CSU

- *Advisory: Early Childhood Education 46.*

This course applies current theory and research to the care and education of infants and toddlers in group settings. It examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months. It will include basic principles of care giving, arrangement and equipping the environment; working with other staff, parents and the community; identifying children with special needs and making appropriate referrals, and providing culturally consistent care.

### **ECE 75, The Teaching of Dance for Children 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course, the study of developmentally appropriate creative movement experiences for children, gives students methods to guide creativity in the pre-K and elementary classroom and to develop dance lessons tied to specific subject areas. Students gain knowledge of the movement aspect of child development and how to use creative dance to research and teach subject matter across the pre-K and elementary curriculum. It covers the role of movement in developing children's physical, motor, emotional, and cognitive skills, and includes workshops and field experience in planning and implementing appropriate creative experiences with young children.

*ECE 75 and Dance 75 are the same course. Students may receive credit for one but not both.*

### **ECE 88A, Independent Studies in Early Childhood Education 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **ECE 88B, Independent Studies in Early Childhood Education 2 units**

Transfer: CSU

Please see "Independent Studies" section.

## **Early Childhood Education – Noncredit**

The following courses are noncredit and free. They do NOT carry academic credit.

### **ECE 900, Early Childhood Education Communication Skills 0 units**

This course provides additional assistance to students pursuing Early Childhood Education careers.

### **ECE 901, Introduction to Early Care and Education 0 units**

This course is designed to introduce students to the stages of child development from birth through five years of age, best practices in supporting healthy growth and development, and an overview of family and community resources to support children's diverse needs. The course emphasizes effective communication and guidance strategies for working in a diverse early care and education setting.

### **ECE 902, Culturally Relevant Curriculum 0 units**

This course provides an introduction to developmentally appropriate and culturally relevant curriculum for children from birth through age five. Course content emphasizes developing age appropriate activities and creating effective learning environments for children in a diverse early care and education setting.

### **ECE 903, Early Care Licensing and Workforce Readiness 0 units**

Introduction to requirements for obtaining a license as a family home care provider. Review of the National Association for Education of Young Children (NAEYC) code of ethical conduct and California's licensing regulations.

Emphasis on professionalism, health and safety in early care and education environments.

## Economics

Some of the courses listed in this section are accompanied by Supplemental Instruction. Supplemental Instruction (SI) is an academic assistance program that utilizes free peer-assisted weekly study sessions to help students learn the most difficult course content. For more information, please see the SI website at [smc.edu/si](http://smc.edu/si).

### **ECON 1, Principles of Microeconomics** 3 units

Transfer: UC, CSU

C-ID: ECON 201.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: MATH 31 or MATH 49 and Eligibility for English 1.

This course introduces students to the supply and demand model, the concept of elasticity, productivity and cost structures. Within the Supply and Demand framework, the class studies the impact of government intervention on markets. The class evaluates alternative market structures in terms of prices, efficiency, and the role of the government. Students may take Econ 1 and Econ 2 in any order, or even at the same time.

### **ECON 2, Principles of Macroeconomics** 3 units

Transfer: UC, CSU

C-ID: ECON 202.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: MATH 31 or MATH 49 and Eligibility for English 1.

This course introduces students to measurement of economic aggregates, economic models, and economic policy. Measures of economic aggregates include: GDP, the unemployment rate, the GDP Deflator, and the Consumer Price Index. The Great Depression is used as an introduction to macroeconomic policy. The course covers the tools of fiscal and monetary policy and their impact on aggregate demand, prices, income and interest rates. Additionally, the course introduces students to following models: Classical, Keynesian, Monetarist, and Supply Side with their corresponding policy implications and recommendations. Students may take Econ 1 and Econ 2 in any order, or even at the same time.

### **ECON 5, International Political Economy: Introduction to Global Studies** 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Science)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course offers an interdisciplinary introduction to the fields of Global Studies and International Political Economy. Students will analyze critically the role of national governments, international organizations, nongovernmental organizations, and multinational corporations, in regard to phenomena such as, international markets and production regimes, monetary and trade policy, international and global conflict, and environmental degrada-

tion. Contending theoretical and ideological perspectives regarding international systems, processes, and trends will be applied and evaluated.

*Economics 5 is the same course as Political Science 5 and Global Studies 5. Students may earn credit for one, but not both.*

### **ECON 6, Contemporary Economic Problems** 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course stresses the application of economic theory to important current problems with special emphasis on the role of government and public policy in their resolution. Problems emphasized may include resource management, the environment, government expenditures, public programs, issues of growth and development, and various market irrationalities. This problem-oriented course allows for a detailed examination of significant 21st century domestic and global economic problems and provides students with the opportunity for extensive supervised research.

### **ECON 15, Economic History of the U.S.** 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences) OR 3B (Humanities)

+ satisfies CSU U.S. History graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course offers a chronological study of American economic history by major areas including agriculture, industrial development, money, banking, and transportation. The roles of business, labor, and government are given a particular emphasis. *Economics 15 is the same course as History 15. Students may earn credit for one, but not both.*

### **ECON 88A, Independent Studies in Economics** 1 unit

Transfer: CSU

Please see "Independent Studies" section.

### **ECON 88B, Independent Studies in Economics** 2 units

Transfer: CSU

Please see "Independent Studies" section.

### **ECON 90A, Internship in Economics** 1 unit

Transfer: CSU

Please see "Internships" section.

### **ECON 90B, Internship in Economics** 2 units

Transfer: CSU

Please see "Internships" section.

## Education

Students taking Early Childhood Education and Education courses that include field work may be required to pay for Live Scan fingerprint processing and/or a TB test.

There is a limitation of 6 units in Education that are transferable to the CSU. Please note, EDUC 1 and EDUC 2 are the courses recommended to students who wish to become teachers.



**EDUC 1, Career Choices in Education 3 units**

Transfer: UC, CSU

The course provides an introductory overview of the Early Childhood through 12th grade teaching profession. It will explore the philosophy, history and sociology of the American educational system with an emphasis on elements unique to the state of California. In addition, qualities of effective educators, elements and purposes of a professional portfolio, and critical issues in diverse contemporary classrooms will be addressed. Students will record school site observations that will be archived to a professional e-portfolio. Portfolio training will be provided within the course.

*Students will perform up to 20 hours of field work in a school classroom.*

**EDUC 2, The Early Childhood through 12th Grade Teaching Experience 3 units**

Transfer: UC, CSU

This course builds upon the foundation of Education 1. Students will gain actual tutoring experience with K through 12th graders and document observations of their experiences. Special attention to teaching strategies, observation techniques, and engaging children with diverse learning styles and needs will be emphasized. Examination of personal suitability for the teaching profession, preparation for state teacher exams and transfer to four year institutions to complete teaching credentialing will be discussed. The professional E-portfolio training will be continued from Education 1.

*T.B. Test and fingerprint clearance required for class participation (fingerprint fee TBA).*

## Energy Efficiency

**ENERGY 1, Introduction to Energy Efficiency 3 units**

- *Prerequisite: None.*

This course will present basic energy concepts, lighting fundamentals and identification of opportunities for efficiency changes in buildings. Topics include scientific principles of energy, light and heat, energy codes and standards, metering and monitoring. Students will examine the economic, regulatory, and infrastructure issues affecting implementation of energy efficiency measures as well as their potential for solving energy and environmental problems.

**ENERGY 2, Residential Building Science 3 units**

- *Prerequisite: None.*

This course will develop an intermediate level of understanding of energy efficiency concepts especially as they apply to reductions in residential energy consumption and the practice of Building Performance Analysis. This course will cover energy and power concepts, rate options, load profile understanding, an introduction to smart grid technology, deeper understanding of the principles of heat, air, and moisture movement in residential homes. Students will be introduced to the operation of energy audit equipment such as the blower door test, the duct blaster, and the combustion analyzer. Student will learn to identify CAZ zones (combustion air zones) and to structure the placement of the blower door and duct blaster and develop the procedure for measuring air leakage rates of a typical residential home.

**ENERGY 3, Commercial Building Science 4 units**

- *Skills Advisory: Energy Efficiency 1 and 2.*

This course examines energy efficiency concepts as they apply to reductions in energy consumption for commercial buildings. Assessment of building performance related to design, construction, and operation will be analyzed. Students will examine various gas and electric rate options, HVAC systems and types of high-intensity lighting. Load profiles, calculating return on investment, and life-cycle cost of commercial building energy retrofit measures are explored.

## Engineering

**ENGR 1, Introduction to Engineering 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is an introduction to the methods and tools of engineering problem solving and design, including the interface of the engineer with society and engineering ethics. While addressing the branches of engineering, the functions of an engineer, and the industries in which engineers work, this course examines the engineering education pathways and explores effective academic strategies. Communication skills pertinent to the engineering profession are also addressed.

**ENGR 11, Engineering Graphics and Design 3 units**

Transfer: UC, CSU

- *Prerequisite: Math 2.*

This course covers the principles of engineering drawings to visually communicate engineering designs. The course also serves as an introduction to computer-aided design (CAD). Topics include the development of visualization skills, orthographic projections, dimensioning and tolerancing practices, and an introduction to the engineering design process. Sketching, engineering drawings, and 3D CAD solid modeling skills are developed. The use of CAD software is an integral part of the course.

**ENGR 12, Statics 3 units**

Transfer: UC, CSU

- *Prerequisite: Physics 21 and Math 7.*

This course covers basic principles of static equilibrium in two and three dimensions utilizing vector analysis and Newton's laws. Various structures are considered which include trusses, frames, machines, and beams.

**ENGR 16, Dynamics 3 units**

Transfer: UC, CSU

- *Prerequisite: Engineering 12.*

This course addresses the kinematics and dynamics of particles and rigid bodies in two and three dimensions. Topics considered include universal gravitation, conservation laws, work-energy and impulse-momentum relations, and mechanical vibration.

**ENGR 21, Circuit Analysis 3 units**

Transfer: UC, CSU

- *Prerequisite: Physics 22; Prerequisite/Corequisite: Math 15 (Math 15 can be taken concurrently with Engineering 21).*

This course serves as an introduction to the analysis of electrical circuits through the use of analytical techniques based on the application of circuit laws and network theorems. The course covers DC and AC circuits containing resistors, capacitors, inductors, dependent sources, operational amplifiers, and/or switches. The analysis of these circuits include natural and forced responses of first and second order RLC circuits, the use of phasors, AC power calculations, power transfer, and energy concepts.

### **ENGR 22, Circuit Analysis Lab** **1 unit**

Transfer: UC, CSU

- *Prerequisite/Corequisite: Engineering 21.*

This course serves as an introduction to the construction, measurement, and design of elementary electrical circuits and basic operational amplifier circuits. Students gain familiarity with the basic use of electrical test and measurement instruments, including multimeters, oscilloscopes, power supplies, and function generators. Using principles of circuit analysis for DC, transient, and sinusoidal steady-state (AC) conditions, students develop data interpretation skills by using circuit simulation software and by direct measurements of circuits. Practical considerations such as component value tolerance and non-ideal aspects of laboratory instruments are also introduced.

## **English Composition - Group A**

Courses below are open to students in English Placement Group A. Assessment is required to determine class placement. See [smc.edu/assessment](http://smc.edu/assessment).

Some of the courses listed in this section are accompanied by Supplemental Instruction. Supplemental Instruction (SI) is an academic assistance program that utilizes free peer-assisted weekly study sessions to help students learn the most difficult course content. For more information, please see the SI website at [smc.edu/si](http://smc.edu/si).

### **ENGL 1, Reading and Composition 1** **3 units**

Transfer: UC, CSU

*IGETC AREA 1A (English Composition)*

- *Prerequisite: English 21B or 22, ESL 21B or Group A on the Placement Test.*

This introductory course in rhetoric emphasizes clear, effective written communication and preparation of the research paper.

### **ENGL 31, Advanced Composition** **3 units**

Transfer: UC, CSU

- *Prerequisite: English 1.*

This advanced writing course is intended especially for English majors and other students desiring to develop rhetorical skills beyond those practiced in English 1. It stresses critical analysis and argument, and focuses on style in effectively communicating with various audiences.

### **ENGL 48, Speed Reading and College Vocabulary** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is designed for college-level readers who wish to develop reading versatility, effectiveness and efficiency in reading and studying. It includes rapid reading applied to general materials, skimming, study-reading of college texts, an introduction to critical reading, and general vocabulary building.

### **ENGL 70, Technical Communication** **3 units**

Transfer: CSU

- *Prerequisite: English 1.*

This course introduces students to the fundamental principles of technical communication, the process of creating, designing, and transmitting technical information to help people use it effectively. The course examines the essential rhetorical structure of scientific and professional texts. Using some of the latest technology, students will prepare specific types of documents commonly used in the academic and professional worlds, especially in the sciences, high technology, and environmental studies.

### **ENGL 90A, Internship in English** **1 unit**

Transfer: CSU

Please see "Internships" section.

### **ENGL 90B, Internship in English** **2 units**

Transfer: CSU

Please see "Internships" section.

### **ENGL 300, Advanced Writing and Critical Thinking in the Disciplines** **3 units**

Transfer: CSU

- *Prerequisite: English 2 and admission to the SMC baccalaureate program.*

Written and oral communications vary greatly between disciplines and fields. Building on the critical thinking and writing skills developed at the lower division level, this course further prepares students in the application of logical reasoning, analysis, and strategies of argumentation in both written and oral communication of content specific information. Students examine scholarly and professional readings and apply theoretical perspectives in a variety of modalities (genres and media) in a way that is targeted to specific audiences. Through critical analysis and review of appropriate literature, as well as complex writing assignments, students develop writing as a core aspect of academic and professional practice.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

## **English Fundamentals - Group B**

Courses below are open to students in English Assessment Groups A and B. Assessment is required to determine class placement. See [smc.edu/assessment](http://smc.edu/assessment).

Some of the courses listed in this section are accompanied by Supplemental Instruction. Supplemental Instruction (SI) is an academic assistance program that utilizes free peer-assisted weekly study sessions to help students learn the most difficult course content. For more information, please see the SI website at [smc.edu/si](http://smc.edu/si).

**ENGL 20, Reading and Writing 2** **5 units**

- *Prerequisite: English 85 OR English 81A and 83A.*

This course is designed to help students improve intermediate reading and writing skills necessary for college success. Students will increase their reading comprehension and vocabulary; they will build their understanding of patterns of organization used in academic writing, as well as their inferential reading techniques. Through the integrated study of reading and writing, students will develop an efficient writing process appropriate to audience and purpose. The course requires classroom work, weekly reading/writing lab work, and homework. In English 20, students will also review grammar and usage and develop skill in writing in-class, timed essays.

**ENGL 21A, English Fundamentals 1** **3 units**

- *Prerequisite: Group B on the Placement Test.*

This course is the first semester of a two-semester course, English 21A/B. It consists of instruction in composition and the comprehension and analysis of readings, focusing on rhetorical strategies appropriate to audience and purposes in academic disciplines and the workplace. It also consists of a review of English grammar and usage.

**ENGL 21B, English Fundamentals 2** **3 units**

- *Prerequisite: English 21A or English 20.*

This course is the second semester of a two-semester course, English 21AB. It continues the study of composition, the fundamentals of English grammar and usage, and analysis of readings. Students will explore research techniques, as they write essays with multiple sources.

*English 21B and 22: maximum of 3 units applied toward the SMC Associate degree.*

**ENGL 22, Writing Laboratory** **3 units**

- *Prerequisite: English 21A or English 20.*

This course provides extensive practice in composition, from pre-writing activities through rough drafts to final drafts, from single paragraphs to themes of several pages. Review of the fundamentals is assigned where needed.

*English 21B and 22: maximum of 3 units applied toward the SMC Associate degree.*

**ENGL 23, Intermediate Reading and Vocabulary 3 units**

- *Prerequisite: Group B on the Placement Test.*

This course is an intermediate course designed to improve the reading skills necessary for college success and is strongly recommended for all students who score at the B level on the English Assessment Test. It concentrates on techniques of comprehension, such as finding the main idea, recognizing details and patterns of organization, as well as inference and critical reading skills. It also focuses on vocabulary development, study reading techniques and reading rate and flexibility.

**ENGL 24, Grammar Review** **3 units**

- *Prerequisite: Group A or B on the Placement Test.*

This course is an intensive review of the principles of grammar for students who want to increase their understanding of the fundamentals of English. The course is open to all students at the A or B level. Students may wish to take the course prior to or concurrently with an English composition or a Business English course.

**ENGL 28, Intensive College Writing Skills** **2 units**

- *Prerequisite: Group B on the Placement Test.*

This course emphasizes clear, effective written communication and preparation of the research paper to prepare students for success in college-level composition and reading. It consists of instruction in composition, comprehension and analysis of college-level readings, and basic research skills.

## English Skills - Group C

Courses below are open to English Placement Group C students. Assessment is required to determine class placement. See [smc.edu/assessment](http://smc.edu/assessment). Group C course units may not be applied toward an Associate degree.

**ENGL 80, Reading Laboratory** **3 units**

- *Prerequisite: None.*

This course is designed for students with below-average reading skills. The course provides a comprehensive laboratory approach to developmental reading. It is addressed primarily to students who need long-term individualized work in reading. Following assessment, an educational plan and learning objectives will be designed for each student. Emphasis will be placed on word attack skills and comprehension. English 80 is offered Pass/No Pass.

**ENGL 81A, Paragraphs to Essays** **3 units**

- *Prerequisite: None.*
- *Corequisite: English 83A or English 80.*

The principal objective of this course is to improve students' prewriting and writing skills. These skills involve sentence structure as well as the organized combination of sentences into paragraphs and basic essays. The class features a scheduled group lab of two hours per week. Other areas covered include parts of speech, parts of the sentence, sentence patterns, basic sentence errors, and expansion of the paragraph to the basic essay.

**ENGL 81B, The Basic Essay - Plus** **3 units**

- *Prerequisite: English 81A.*
- *Corequisite: English 83B.*

English 81B reinforces and continues the writing effort begun in English 81A. In class and lab formats, 81B stresses the skills necessary to write basic three paragraph essays and short summaries. Sentence skills are reviewed and expanded.

**ENGL 83A, Reading and Vocabulary I** **3 units**

- *Prerequisite: None.*
- *Corequisite: English 81A.*

This course is designed to improve the basic reading skills necessary for college success. It is to develop reading comprehension by stressing comprehension, listening, word-attack skills, and patterns of organization. It also helps the student discover techniques for life-long vocabulary expansion with emphasis on a more skillful use of sentence clues. Students also learn study and test-taking skills. The course requires classroom work, lab work, and homework.

**ENGL 83B, Reading and Vocabulary II** **3 units**

- *Prerequisite: English 83A.*
- *Corequisite: English 81B.*

# ENGLISH COMPOSITION COURSE SEQUENCE

## Core Courses

## Optional Support Courses

Support courses below are recommended but not required. They can be taken in any order or concurrently with core courses within the same group.

Reading and Vocabulary

Composition, Grammar, & Editing

### ENGLISH 48

Speed Reading and College Vocabulary (3 units)

Any Support Course from Group B

Reading and Vocabulary

Composition, Grammar, and Editing

### ENGLISH 22

Writing Laboratory (3 units)  
Prerequisite: ENGL 21A or 20

### ENGLISH 23

Intermediate Reading and Vocabulary (3 units)

### ENGLISH 24

Grammar Review (3 units)

*\*ENGL 23 is recommended for students taking English 21A. ENGL 21A & ENGL 23 may be taken simultaneously.*

Reading and Vocabulary

Composition, Grammar, and Editing

### ENGLISH 84R

Reading and Vocabulary III (3 units)

### ENGLISH 84W

The Basic College Essay (3 units)

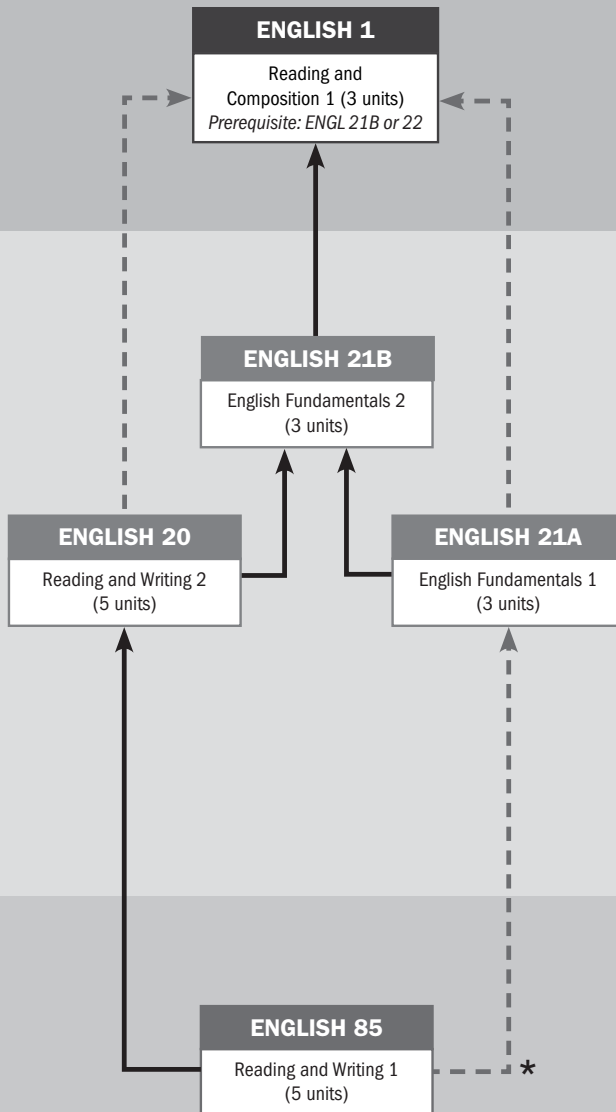
### ENGLISH 80

Reading Laboratory (3 units)

GROUP A

GROUP B

GROUP C



\* Dotted lines indicate pathway for high-performing students given a waiver by their instructor

Course Descriptions



This course is for students who have earned credit in English 83A, but who need further development in vocabulary and comprehension skills, especially using context clues, drawing inferences, and distinguishing between fact and opinion. In addition, students focus on monitoring their reading, strengthening time management based on the evaluation of their performance in English 83A, and improving study-reading techniques, such as mapping.

### **ENGL 84R, Reading and Vocabulary III** **3 units**

- *Prerequisite: English 83B.*
- *Corequisite: English 84W.*

English 84R is for students who have earned credit for English 83A but who need further development in reading comprehension, rate and vocabulary. English 84R serves as a bridge to English 23. The course focuses on (1) analytical skills (how to find the main idea and patterns of organization); (2) inferential skills; (3) critical reading (telling fact from opinion, evaluating writer's message and purpose); (4) textbook reading (reading graphic aids, underlining, outlining, mapping, and summarizing).

### **ENGL 84W, The Basic College Essay** **3 units**

- *Prerequisite: Credit in English 81B or English 85.*

English 84W focuses upon the basic college essay and the prewriting techniques useful in its creation. Varieties of essays are studied as well as those sentence skills that aim to locate and correct major sentence errors. This class features a scheduled group lab of one hour per week.

### **ENGL 85, Reading and Writing 1** **5 units**

- *Prerequisite: None.*

This course is designed to improve basic reading and writing skills necessary for college success. Students will develop reading comprehension, vocabulary, patterns of organization, and inferential techniques, and employ these skills in the prewriting and writing process. The integration of reading and writing enables students to apply what they have read to the writing process, starting with the paragraph and expanding to the basic essay. The course requires classroom work, lab work and homework. English 85 is offered as a credit/ no credit class.

## **English - Literature**

### **ENGL 2, Critical Analysis and Intermediate Composition** **3 units**

Transfer: UC, CSU

C-ID: ENGL 105.

*IGETC AREA 1B (English Composition- Critical Thinking) or 3B (Humanities)*

- *Prerequisite: English 1.*

This course helps students to develop their critical thinking and writing skills beyond the level achieved in Reading and Composition 1. The course emphasizes the application of logical reasoning, analysis, and strategies of argumentation in critical thinking and writing, using literature (both fiction and non-fiction) and literary criticism as subject matter.

### **ENGL 3, World Literature 1** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course is a study of some of the masterpieces of world literature from Homer to Cervantes.

### **ENGL 4, World Literature 2** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

The course explores significant works of fiction, poetry, and drama from the Enlightenment to the present. In addition, the course examines the social, intellectual, and historical foundations that have shaped the literature of this period.

### **ENGL 5, English Literature 1** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

- *Advisory: English 2.*

This course traces the historical development of English literature from the Anglo-Saxon period through the end of the Neo-Classical Period in 1798.

### **ENGL 6, English Literature 2** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

A continuation of English 5, this course covers English literature from the Romantic Age to the 20th Century.

### **ENGL 7, American Literature 1** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course surveys American literature from its beginnings to the Civil War.

### **ENGL 8, American Literature 2** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course covers the period from the Civil War to World War II. This is a survey course in American literature, designed to introduce the students to a variety of the novels, short stories, and poems that make up the best of that literature.

### **ENGL 9, Literature of California** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Arts and Humanities)*

*Satisfies Global Citizenship*

- *Prerequisite: English 1.*

This course provides a survey of the literary works of California, exploring prominent themes and motifs expressed by native and immigrant groups from the time of the Spanish conquest to the 1980s. It defines California literature and its influences on the American literary canon. Students will study and compare issues related to identity and geography, assimilation, family, class, and gender as they are reflected in the works by writers from at least four ethnic groups in the state, including but not limited to indigenous peoples, Chicanos/Latinos, European Americans, Asian Americans, and African Americans.

**ENGL 10, Ethnic Literature of the U.S. 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)**Satisfies Global Citizenship*

- *Prerequisite: English 1.*
- *Advisory: English 2.*

This course compares and contrasts the literature written by and about United States ethnic groups, primarily Native Americans, Asian Americans, African Americans, and Latino/Latina Americans, as well as European and Jewish Americans. Students will examine how writers from each of these groups contribute to the creation of cultural identity and spheres of influence: social, political, intellectual, and historical; and how they language a sense of place. Students will come to understand the significant influence of these writers on the development of an American literature.

**ENGL 14, Contemporary American Literature 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course surveys contemporary American literature since World War II, with special emphasis on the novel. The selected texts include some of the essential and recurring themes in the history of American literature reflecting a diverse and evolving landscape of gender, ethnic and race relationships. The course content also aims to closely examine current literary criticism and cultural studies in order to familiarize students with different approaches to the interpretation of texts.

**ENGL 15, Shakespeare 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

In this course, students read and analyze seven or eight of Shakespeare's most popular plays, as well as study his life, times, and theatre.

**ENGL 17, Contemporary British Literature 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course introduces the students to the variety and wealth of British literature since 1945. The course will focus on novels, short stories, plays, and poetry from among such authors as Angela Carter, Salman Rushdie, Seamus Heaney, and Jeanette Winterson. The course will cover topics such as gender, race, sexuality, and class as well as explore changes in style, genre, and literary experimentation. Discussion of relevant British music, films, fashion, and art will also be introduced.

**ENGL 18, Children's Literature 3 units**

Transfer: CSU

- *Prerequisite: English 1.*

This course involves a critical analysis of storytelling for children with an eye on picture books, fairytales and myths, novels, and nonfiction books. Additionally, students will get a sense of what is required to create new stories for children and the value of children's books to child psychology and development.

**ENGL 26, Introduction to the Humanities 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

In this introduction to the humanities students will survey literature in conjunction with great works of art through the ages (painting, sculpture, music, architecture, dance) exploring how, at widely separated points in time, artists and writers have expressed and responded to cultural, political, and intellectual concerns of their day. In doing so, they will see literature in the context of other art forms.

*English 26 is the same course as Humanities 26. Students may earn credit for one, but not both.*

**ENGL 32, History and Literature of Contemporary Africa 3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly same course as History 30.*

This course examines the works of African writers of the essay, the novel and shorter fiction, drama and poetry, with emphasis on the interpersonal, cultural, and political tensions of modern and post-modern Africa as expressed in its literature and history. It explores the universality of this literature while at the same time recognizing its sources in the conflicts of modern history and society.

**ENGL 34, Afro-American Literature 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course explores the works of African American writers of the essay, the novel and shorter fiction, drama and poetry, with emphasis on the particular nature of the American experience that they reveal.

**ENGL 38, Literature of the Absurd 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course is an examination of the novel, short fiction, and drama which may be categorized as "absurd." These writings portray humans as bewildered beings in an incomprehensible or meaningless universe.

**ENGL 39, Images of Women in Literature 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course analyzes the images of women presented in fiction, poetry and drama in various historical periods. Special attention is given to the way women writers transform women's psychological, sociological and political experience into literature, but course readings may also include male writers.

**ENGL 40, Asian Literature 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

Major works of Asian literature will provide a window to the rich cultures of a fascinating part of the world. Students will study literature of at least four Asian countries. The course is designed to introduce students to the important values of the society, the major beliefs and tra-

ditions of the culture, and prominent motifs of the arts of these countries.

### **ENGL 41, Introduction to Asian American Literature** 3 units

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course will study the major literary works of Asian American writers who form the rich mosaic of contemporary American culture. Students will be introduced to the literature of at least four Asian American communities each semester. The course will explore the complex nature of the Asian American experience and locate the literature of these communities in the broader context of contemporary American literature.

### **ENGL 45, Asian Film, Literature, and Society** 3 units

Transfer: UC, CSU

*IGETC Area 3B (Humanities)*

- *Prerequisite: English 1.*

This introductory course will study contemporary Asian literature and film as reflections of the cultural values and important social and political movements in some Asian countries. Students will study selected films and literature from at least three Asian countries each semester in order to highlight and explore the relationship between images and words, between the verbal text and the visual text.

### **ENGL 49, Asian Mythology,** 3 units

Transfer: UC, CSU

*IGETC Area 3B (Humanities)*

*Satisfies Global Citizenship*

- *Prerequisite: English 1.*

This course studies the major characters and tales from the mythologies of several Asian societies. A sort of ur-knowledge or ur-science, mythology in Asian societies is both an attempt to understand the nature of the cosmos and a human being's place in it as well as a means of organizing relationships among people to form a cohesive, functioning society. The course takes a thematic approach to myths and legends from a variety of sources, especially literature and the visual arts, to examine humanity's attempt to explain the unknown and the meaning of life: the beginning of the world, creation of living creatures, explanation of natural phenomena, relationships between gods and mortals, deeds of super heroes, duties of an individual in a society, death, and afterlife. The resonance of these mythological motifs and characters in modern Asian cultures will also be studied.

### **ENGL 50, Mythology** 3 units

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course studies the major characters and tales from Greek and Roman mythology. It takes a thematic approach to myths and legends from a variety of sources, examining humanity's attempt to explain the unknown: the beginning of the world, creation of living creatures, explanation of natural phenomena, relationships between gods and mortals, deeds of super heroes, testing, death, and afterlife. The emphasis is primarily on Western culture—Greek and Roman myths which have influenced literature and allied arts from earliest time.

### **ENGL 51, Literature of the Bible: Old Testament** 3 units

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course provides an analytical and critical study of the Old Testament of the Bible, focusing on its component genres and literary qualities. Attention is given to how Biblical literature has been and can be interpreted, studied, and used. Representative types of Biblical literature are examined.

*English 51 is the same course as Religious Studies 51. Students may receive credit for one, but not both.*

### **ENGL 52, Literature of the Bible: New Testament** 3 units

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course introduces the students to the variety and wealth of literature contained in the New Testament. Attention is given to the ways in which Biblical literature has been and can be interpreted, studied, and used. The various types of literature in the Bible are set forth and representative pages of each of these types are presented and examined.

*English 52 is the same course as Religious Studies 52. Students may receive credit for one but not both.*

### **ENGL 53, Latino Literature in the United States** 3 units

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course explores literature by Latino American writers whose primary purpose is to view life in the United States through the perspective of the Latino community. Through fiction, non-fiction, poetry, theater, and film, students study such topics as history, identity, culture, sexuality, and socio-political aspects of the ever-changing U.S. Latino community. The course studies the ways in which Latino Americans writing has been part of the fabric that is the United States, from the indigenous cultures of Mesoamerica through the turbulent 1960s in the U.S. and into the present, from Mexico, South and Central America, the Caribbean, New York to Los Angeles.

### **ENGL 54, Native American Literature** 3 units

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

Selected poems, short stories, novels, tribal tales, speeches, and memoirs of Native Americans will be examined to deepen the student's understanding of the experiences and perspectives of native peoples in American and native cultures.

### **ENGL 55, Modern Drama** 3 units

Transfer: UC, CSU

*IGETC AREA 3A (Arts) or 3B (Humanities)*

- *Prerequisite: English 1.*

*Formerly same course as Theatre Arts 7.*

This course surveys the work of the great modern dramatists, from Henrik Ibsen ("The Father of Modern Drama") through Edward Albee.

**ENGL 56, 20th Century European Literature 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

As a study of the 20th Century novel, this course includes the English novel and the European novel in translation.

**ENGL 57, Latin-American Literature 3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Humanities)*

- *Prerequisite: English 1.*

This course surveys 20th Century Latin-American literature. The poetry section begins with Dario and modernismo (1888-1910), postmodernismo (1910-1918) and vanguardismo (1918-1938): Neruda, Vallejo, Huidobro, Mistral, and Paz, among others, and concludes with postvanguardismo: Afro-Caribbean and other post-war poetic currents. Prose fiction will begin with realismo or criollismo (1880s-1930s), but will focus on the post-1940s, when Latin-American prose begins to enjoy international renown: Borges, Carpentier and Asturias, precursors to the "boom," then Fuentes, Sabato, Vargas Llosa, Donoso, Cortazar, and Garcia Marquez, whose works popularized "magic realism." The course will conclude with contemporary writers, such as Cabrera Infante, Allende, and Puig.

**ENGL 58, Literature of Mexico 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course surveys Mexican literature. It deals with pre-Columbian Aztec and Mayan writing, poetry from the colonial and independence periods, and nineteenth century romanticism, but will emphasize twentieth century literature as it evolves through Modernismo (1888-1912), Postmodernismo (1912-1918), Vanguardismo (1918-1938), and Postvanguardismo (1940s-1970s): Sor Juana Inez de la Cruz, Nervo, Velarde, Reyes, Pellicer, Paz, Castellanos, Sabines, and Pacheco, among other poets. The prose fiction section will begin with Azuela's 1915 novel of the revolution, but will focus on post-1940s writers: Rulfo, Arreola, Fuentes, and Paz. Contemporary poets and writers (1970s-present) will complete the course.

**ENGL 59, Lesbian and Gay Literature 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course is an introduction to Western European lesbian and gay literature. It begins with the Greeks and ends in the late 20th Century U.S.A. Through reading of poetry, essays, articles, and novels, the students will survey and analyze the broad expanse of lesbian and gay literature.

**ENGL 60, English Seminar 3 units**

Transfer: \*CSU

- *Prerequisite: English 2.*

This course allows students to study intensively, areas covered cursorily, if at all, in standard literature or composition classes. Students will explore primary works, source materials, and criticism in a seminar topic, giving oral presentations and writing critical analysis. Although the course is of particular importance for English majors, non-majors are also encouraged to take the course.

\*UC transfer credit is contingent upon evaluation after transfer of the course by a UC campus. This course should not be used toward calculation of the minimum 60 units needed for admission to UC.

**ENGL 61, Introduction to the Fairy Tale 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

This course is a survey of the history, scholarship, and transformations of the fairy tale. The course includes a thematic approach to the first fairy tale collections, examination of notable criticism, and a review of modern reinventions in literature, film, and new media.

## English - Creative Writing

**ENGL 30A, Beginning Creative Writing 3 units**

Transfer: UC, CSU

- *Prerequisite: English 1.*

This course is designed to introduce students to the craft and technique involved in writing short fiction and/or poetry.

**ENGL 30B, Advanced Creative Writing 3 units**

Transfer: UC, CSU

- *Prerequisite: English 30A.*

This course continues the student's training in the craft and technique of writing short fiction or poetry, and introduces creative non-fiction.

## English - Noncredit

The following courses are noncredit and free. They do NOT carry academic credit.

**ENGL 990, English Acceleration Support 0 units**

This course is designed for students to enhance and improve their skills to promote success in college-level composition and reading. It consists of instruction in composition and the comprehension and analysis of readings. It also includes discussion, in-class writing, and a review of English grammar and usage.

## ESL - English as a Second Language

English for Second Language Speakers courses are designed specifically for students whose first language is not English. SMC offers three different ESL programs:

- 1) Credit ESL courses focus on academic skills needed for success in college (reading textbooks, listening and notetaking, writing papers with citations, speaking in class in small groups, and making presentations). Faculty assist students in the development of grammar, vocabulary, paraphrasing, and summarizing skills within the context of themes or academic content. ESL 11B, 21A, and 21B are CSU and UC transferable (up to 8 units).
- 2) Noncredit ESL courses focus on college and career readiness and developing the skills needed for life and work in the US. Noncredit ESL courses are free to students, except



those studying on an F-1 visa. These courses do not carry any academic credit.

3) Intensive ESL (offered through SMC's Community Services Program in conjunction with International Education) offers multi-skills courses to prepare international students for entry to Santa Monica College. Student work is graded, but courses in the Intensive ESL Program do not receive academic credit. These courses are offered for a fee.

**ESL 10G, Multiple Skills Preparation:  
Listening, Speaking, and Grammar** **6 units**

- *Prerequisite: None.*

ESL 10G is a low-intermediate multi-skills course designed to improve the English language skills of non-native speakers. This course concentrates on listening, speaking, and grammar.

*Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements. It is recommended that students take this course concurrently with ESL10W.*

**ESL 10W, Multiple Skills Preparation:  
Reading and Writing** **6 units**

- *Prerequisite: None.*

ESL 10W is a low-intermediate multi-skills course designed to improve the English language skills of non-native speakers. This course concentrates on reading, writing, and computer assisted language learning (CALL).

*Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements. It is recommended that students take this course concurrently with ESL10G.*

**ESL 11A, Basic English 1** **6 units**

- *Prerequisite: ESL 10G and 10W or Group C on the ESL Placement Assessment.*

*Students who receive a final grade of "C" in ESL 10G or 10W should enroll in support courses (ESL14A/B, 15, 16A/B/C, 17) before taking ESL 11A or concurrently with ESL 11A.*

ESL 11A is an intermediate, multi-skills course with an emphasis on paragraph writing for non-native speakers of English who have completed ESL 10G and ESL 10W or score at Level C on the SMC Placement Assessment.

**ESL 11B, Basic English 2** **3 units**

Transfer: UC\*, CSU

- *Prerequisite: ESL 11A.*
- *Skills Advisory: Students who receive a final grade of "C" in ESL 11A should enroll in support courses (ESL14A/B, 15, 16A/B/C, 17) before taking ESL 11B or concurrently with ESL 11B.*

*\*ESL 11B, 21A, and 21B combined: maximum credit 8 units.*

ESL 11B is an intermediate, multi-skills course for non-native speakers of English who have completed ESL 11A. It focuses on paragraph writing and introduces the essay.

**ESL 14A, Pronunciation and Spelling:  
Vowel and Consonant Sounds** **2 units**

- *Prerequisite: ESL 10G and ESL 10W or placement in ESL 11A.*

This course offers the study and practice of the vowel and consonant sounds that are basic to North American pronunciation and speech style, and it emphasizes listening skills, auditory discrimination, and production of these sounds. It also introduces the spelling patterns in relation-

ship to the vowel and consonant sounds. This course is appropriate for students at the ESL 11A level or higher.

**ESL 14B, Pronunciation: Rhythm and Intonation** **3 units**

- *Prerequisite: ESL 10G and ESL 10W or placement in ESL 11A.*

This course is designed to help ESL students communicate more effectively by learning the rhythm and intonation patterns of standard North American English. The course includes a brief review of all vowel sounds and specific consonants

**ESL 15, Conversation and Culture in the U.S.** **3 units**

- *Prerequisite: Group "C" on the English placement exam or successful completion of ESL 10G and 10W.*

This speaking/listening course for group "A", "B", and "C" level non-native speakers of English examines the cross cultural differences that affect communication. It prepares students to understand and speak English more clearly and fluently in pairs, groups, class discussions, interviews, panels, and speeches. Conversation techniques, vocabulary acquisition, and reading, critical thinking, and problem-solving skills are employed.

**ESL 16A, The Noun System and Articles** **1 unit**

- *Prerequisite: ESL 10G and ESL 10W with a grade of C or better.*

This course helps non-native speakers of English to communicate effectively using the noun system (count, non-count, proper, common, singular, plural), modifiers and quantifiers (possessives; determiners: this, that, these, those), and articles (a, an, the). The course also helps students use correct subject-verb agreement.

*\*Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements. Concurrent enrollment in ESL 11A or B is recommended; however, this course is open to students whose assessment results are B or A.*

**ESL 16B, Using Verb Tenses** **1 unit**

- *Prerequisite: ESL 10G and ESL 10W.*

*Concurrent enrollment in ESL 11A or B is recommended; however this course is open to students who place at the A or B level.*

This course helps non-native speakers of English to communicate effectively using verb forms including: present, past, future, perfects, passives, conditionals, and modals.

**ESL 16C, Sentence Structure and Punctuation** **1 unit**

- *Prerequisite: ESL 10G and ESL 10W.*

*Concurrent enrollment in ESL 11A or ESL 11B is recommended.*

This course helps students whose first language is not English to construct grammatically correct sentences using appropriate punctuation. Students will learn to combine sentence elements (clauses and phrases) to produce effective sentences.

**ESL 17, Intermediate Reading Skills** **3 units**

- *Prerequisite: ESL 10G and ESL 10W or Group C on the ESL Placement Exam.*

This course is designed for intermediate students who want to improve their reading skills. Students will improve their reading comprehension and critical thinking skills by learning strategies such as previewing, skimming, scanning, and making inferences. They will learn how to identify main

# ESL COURSE SEQUENCE

## Core Courses

## Optional Support Courses

Support courses below are recommended but not required. They can be taken in any order or concurrently with core courses within the same group.

GROUP A

**ENGLISH 1**  
Reading and Composition 1 (3 units)

Any Support Course

GROUP B

**ESL 21B**  
English Fundamentals 2 (3 units)

Reading and Vocabulary

Grammar and Editing

**ESL 28**  
Academic Vocabulary Skills (3 units)

**ESL 20B**  
Advanced Grammar Workshop 2 (3 units)

**ESL 21A**  
English Fundamentals 1 (3 units)

**ESL 23**  
Academic Reading and Study Skills (3 units)

**ESL 20A**  
Advanced Grammar Workshop 1 (3 units)

GROUP C

**ESL 11B**  
Basic English 2 (3 units)

Reading, Vocabulary, Speaking and Listening

Grammar and Editing

**ESL 17**  
Intermediate Reading Skills (3 units)

**ESL 16C**  
Sentence Structure and Punctuation (1 unit)

**ESL 11A**  
Basic English 1 (6 units)

**ESL 15**  
Conversation and Culture in the U.S. (3 units)

**ESL 16B**  
Using Verb Tenses (1 unit)

**ESL 14B**  
Pronunciation: Rhythm and Intonation (3 units)

**ESL 16A**  
Noun System and Articles (1 unit)

**ESL 14A**  
Pronunciation and Spelling (2 units)

**ESL 10G & ESL 10W**  
Multiple Skills Preparation (6 units each)

Course Descriptions

ideas and details and an author's purpose and tone. They will analyze passages from fiction and non-fiction. Students are encouraged to take ESL 17 concurrently with ESL 11A or 11B.

### **ESL 20A, Advanced Grammar Workshop** 3 units

- *Skills Advisory: ESL 11A or ESL 11B or assessment placement in ESL or English Groups A or B.*

This course is designed to increase a student's grammar and sentence-writing skill. Students will recognize and employ the sophisticated language necessary for successful completion of ESL 21A and ESL 21B. Concurrent enrollment in this course is highly recommended for success in ESL 21A and ESL 21B.

### **ESL 20B, Advanced Grammar and Editing** 3 units

- *Skills Advisory: ESL 11A or ESL 11B or assessment placement in ESL or English Groups A or B.*

This is an advanced grammar course designed to improve a student's syntax and editing proficiency. Concurrent enrollment in this course is highly recommended for success in ESL 21A and ESL 21B.

### **ESL 21A, English Fundamentals 1** 3 units

Transfer: UC\*, CSU

- *Prerequisite: ESL 11B or appropriate score on the ESL Placement Assessment.*
- *Skills Advisory: Students who receive a final grade of "C" in 11B should enroll in support courses (ESL20A/20B, 23) before taking ESL 21A or concurrently with ESL 21A.*

\*ESL 11B, 21A, and 21B combined: maximum credit, 8 units. ESL 21A is an intermediate communicative writing course for non-native speakers. ESL 21A is the first part of the ESL 21A/B sequence.

### **ESL 21B, English Fundamentals 2** 3 units

Transfer: UC\*, CSU

- *Prerequisite: ESL 21A.*
- *Skills Advisory: Students who receive a final grade of "C" in ESL 21A should enroll in support courses (ESL20A/20B, 23, 28) before taking ESL 21B or concurrently with ESL 21B.*

\*ESL 11B, ESL 21A, and ESL 21B combined: maximum credit, 8 units.

ESL 21B is the second part of the ESL 21A/B sequence. It continues the emphasis of essay writing, editing of grammar and mechanical errors, reading, and critical thinking.

### **ESL 23, Academic Reading and Study Skills** 3 units

- *Skills Advisory: ESL 11A or ESL 11B or assessment placement in ESL or English Groups A or B.*

This course is a high intermediate to advanced course designed for students seeking to improve their reading and study skills. It concentrates on helping students improve reading comprehension, reading rate and flexibility, study skills, and note taking. Students are encouraged to enroll in ESL 23 concurrently with ESL 20A, 20B, 21A and/or 21B.

\*Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements.

### **ESL 28, Academic Vocabulary Skills** 3 units

- *Skills Advisory: ESL 11A or ESL 11B or assessment placement in ESL or English Groups A or B.*

This course is designed for students who wish to develop their techniques for understanding academic vocabulary and using English words idiomatically. It emphasizes context and usage of vocabulary from the Academic Word List (Coxhead 2000). Students will learn to comprehend and use approximately 200 words from the AWL to improve their reading comprehension, speaking, listening, and writing skills for academic success. It is designed for students at the 21A or 21B level or students who have placed in Group B on the ESL Placement Exam. Students are encouraged to enroll in ESL 28 concurrently with ESL 20A, 20B, 21A and/or 21B.

## **ESL - Noncredit**

The following courses are noncredit and free. They do NOT carry academic credit.

### **ESL 901: Beginning ESL** 0 units

An integrated course including listening, speaking, reading and writing basic English. Course covers grammar-related activities; competency-based skills for real-life survival situations; understanding basic commands and introduction to American culture.

### **ESL 902: High Beginning ESL** 0 units

An integrated course including listening, speaking, reading and writing basic English. Emphasis on: longer sentences; verb tenses; dialog; common idiomatic expressions; expanding vocabulary.

### **ESL 903: Intermediate ESL** 0 units

An integrated course including listening, speaking, reading and writing basic English. Emphasis on: accuracy, fluency; greater facility with verb tenses; grammatical transformations; idiomatic expressions and increased vocabulary.

### **ESL 904: High Intermediate ESL** 0 units

An integrated course including listening, speaking, reading and writing basic English. Emphasis on: comprehension and fluency; increased vocabulary; improved spelling; development of paragraph writing skills.

### **ESL 905: Advanced ESL** 0 units

Emphasis is placed on complex sentence structure, writing skills, grammar and syntax, oral interactions, functioning linguistically in complex social situations.

### **ESL 906: High Advanced ESL** 0 units

This multi-skills course is designed for the high-advanced non-credit ESL student who is planning to matriculate to the College. In this course students continue to expand and refine their English skills, proficiency, and vocabulary. Students consolidate their understanding of English grammar and extend their awareness and command of the English language, in particular areas of syntax, semantics, and oral fluency. Students prepare to function in American society and take credit college courses.

### **ESL 911: Beginning Listening, Speaking and Pronunciation** 0 units

This course is designed for the beginning ESL student. The focus is improvement of the student's pronunciation and comprehension of English through exercises which improve

aural discrimination of sounds, build association of sounds with written letters; teach placement of lips, tongue and teeth for correct pronunciation; impart correct intonation and stress patterns; improve conversation skills; teach socio-cultural context for intonation and vocabulary.

**ESL 913: Intermediate Listening, Speaking and Pronunciation** **0 units**

This course is designed for the intermediate ESL student. The focus is refinement of pronunciation and comprehension of English through exercises which improve aural discrimination of sounds; association of sounds with written letters; improve intonation, stress patterns and positions of mouth; improve and expand conversation skills and vocabulary; refine socio-cultural contact for intonation, vocabulary and subject matter.

**ESL 915: Advanced Listening, Speaking and Pronunciation** **0 units**

This course is designed for the advanced ESL student. The focus is refinement of pronunciation; use and comprehension of English through exercises which improve and refine analysis and production of sounds, enrich fluency; and build the student's confidence in a wide variety of situations where a solid command of aural English is required.

**ESL 961: Beginning Reading and Writing** **0 units**

This course is designed for the beginning ESL student and focuses on providing students with basic English vocabulary, reading comprehension, and writing skills. Students learn basic idiomatic expressions and grammatical structures, enabling them to: construct simple sentences and short paragraphs; use basic English vocabulary in real-life situations; demonstrate comprehension of different types of writing; and produce short (1- or 2-paragraph) writing samples.

**ESL 963, Intermediate Reading and Writing** **0 units**

This course is designed for the intermediate ESL student, and focuses on improving students' English vocabulary, reading comprehension, and writing skills. Students expand their knowledge of idiomatic expressions and grammatical structures, enabling them to: construct intermediate-level sentences and paragraphs; use more complex English vocabulary in real-life situations; identify and describe various types of writing; and produce medium-length (2- or 3-paragraph) writing samples.

**ESL 965, Advanced Reading and Writing** **0 units**

This course is designed for the advanced ESL student. The course focuses on the analysis and comprehension of advanced-level English vocabulary, idiomatic expressions, and grammatical structures, enabling students to: construct complex sentences and paragraphs; use advanced-level vocabulary in real-life situations; analyze the content of various types of writing, including some literature; and understand and produce basic five-paragraph essays.

**ESL 971: Beginning Idioms, Prepositions, and Vocabulary** **0 units**

This course is designed for the beginning ESL student. Students learn basic English vocabulary, idiomatic expressions, phrasal verbs, and grammatical structures, and begin engaging in simple dialogs and conversations that are

culturally-appropriate and applicable to a variety of real-life situations.

**ESL 973: Intermediate Idioms, Prepositions, and Vocabulary** **0 units**

This course is designed for the intermediate ESL student. Students build an intermediate-level English vocabulary, and expand their knowledge and use of idiomatic expressions, phrasal verbs, and grammatical structures. Students engage in intermediate-level dialogs and conversations that are culturally-appropriate and applicable to a variety of real-life situations.

**ESL 975: Advanced Idioms, Prepositions, and Vocabulary** **0 units**

This course is designed for the advanced ESL student. The course focuses on enriching and refining students' knowledge and use of idioms, phrasal verbs, and vocabulary. Students learn advanced-level English vocabulary, idiomatic expressions, and grammatical structures, and engage in complex and culturally-appropriate dialogs and conversations.

## Entertainment Technology

**ET 2, Storytelling** **3 units**

Transfer: CSU

This introductory critical thinking class covers the fundamentals of storytelling and story structure. Students will explore a general history of storytelling, from its pictorial roots of cave paintings to its modern forms in entertainment media. This class includes an overview of different cultures and how these cultures use story to entertain and disseminate social values. Emphasis will be on how story is used in modern Western society and how storytelling impacts moral issues. Guest lectures from the entertainment industry will come to share with the class their ideas on storytelling in modern media. Students will learn to prepare and tell effective stories.

**ET 3, Principles of Project Management** **3 units**

Transfer: CSU

Effective project management plays a key role in the execution and completion of interactive media projects. In this introductory course, students will learn step-by-step how a project develops and evolves through the project management process. Topics include planning, time management, risk management, team management, contract administration, and budgeting. Students will identify the components of a project management team, project manager roles and responsibilities, and organizational structures in interactive media. Case studies and problem solving will provide insight into practical applications of project management techniques.

**ET 11, Computer Skills for Digital Media** **3 units**

Transfer: CSU

This introductory course covers the computer skills, concepts, and essential software needed to work successfully in the fields of computer animation and interactive media. Students will learn the use of general computer skills such as file organization for projects, keyboard shortcuts,



using local area networks, and using proper file suffixes. Digital image concepts such as vector and raster images, color bit depth, and pixel dimensions will be introduced. Key software applications will be covered for raster image editing, vector image editing, audio, web browsing, and spreadsheets.

### ET 13, 2D Game Prototyping 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 42.*

This computer-based course is focused on the design and implementation of successful prototypes for console, mobile and casual gaming platforms, and the Internet. Students will learn the fundamentals of software authoring for these platforms including interactive story telling, navigation metaphors, technical constraints, gaming basics, and usability. Students will gain experience working with media (text, graphics, animation, video, and audio), using authoring environments, and writing scripts to control interactivity. Students will design and implement game and software titles that can be included in their portfolios. *This course uses the Gamemaker gaming engine.*

### ET 15, Beginning 3D Level Design 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 24.*

This course covers the fundamentals of game design and prototyping using 3D software authoring tools to incorporate various pre-existing static and dynamic game assets into original game levels. The focus of this class is on intelligent level design and creating script driven play mechanics to introduce interactivity and various game play elements. Students will plan and design levels effectively on paper before developing working 3D prototypes that can be play tested. Basic knowledge of 3D graphics is required. *This course uses the Unreal Engine 4.*

### ET 17, Advanced 3D Level Design 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 15 and 25.*

This course covers the design and implementation of fully interactive and playable 3D game levels, focusing on concepts of advanced 3D level design such as particle effects, camera effects, post process effects and custom interface design. Students will use digital authoring techniques to prototype, playtest and revise their own original game levels. Knowledge of 3D modeling is required. *This course uses Unreal Engine 4 and Autodesk Maya.*

### ET 18, Digital Storyboarding 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 2.*

This introductory course explores the fundamentals of the storyboarding process used in the entertainment industry. Through the use of computer software and the digital drawing tablet, students will learn the basic principles of visual storytelling including techniques such as staging, composition and camera movement. The class will analyze and discuss the various applications of digital storyboarding for games, web, 2D and 3D animation, and visual effects.

### ET 19A, Beginning 2D Animation 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 11, 91, and 92.*

This introductory course teaches the basic principles of digital animation. Through lectures and projects, students will learn animation fundamentals such as timing, staging, squash and stretch, anticipation, follow through, overlapping action, arcs, and exaggeration. The material covered in this course serves as a foundation for advanced courses in games, web, 2D and 3D animation, and visual effects.

### ET 19B, Advanced 2D Animation 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 19A.*

This advanced course focuses on the tools and methods used to create digital character animation. Through lectures and projects, students will further their understanding and application of the 12 principles of animation such as timing, weight, anticipation, squash and stretch, overlapping action, exaggeration and staging. Students will be introduced to the basics of lip-synch and performance animation.

### ET 20, Visual Development 3 units

- *Advisory: Entertainment Technology 2 and 18.*

This course explores the pre-production process used in the entertainment industry. Students will learn how to visually develop an idea for production. Areas covered by this course include story/concept development, art direction, writing, storyboarding, layout, sound design, and timing. Students will create an individual story bible, style guide and animatic based on an assigned theme. The course will also examine the differences in film, broadcast and video game production, and their impact on the design process.

### ET 21A, Character Design 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 20 and 37.*

This course explores the process of designing compelling characters for entertainment projects. Students will learn how to develop characters in a variety of styles for 2D and 3D animation production. The course will emphasize the importance of self-expression in character design, and enable students to develop an effective personal style.

### ET 21B, Environment Design 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 20, 91, and 94.*

This course explores the process of designing compelling environments for entertainment projects. Students will develop strategies to understand, evaluate and create a variety of environments for 2D and 3D production. Topics covered include visual composition, perspective drawing, digital cinematography, and designing for interactive and virtual environments.

### ET 21C, Prop and Vehicle Design 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 20, 91, and 94.*

This course explores the process of designing compelling props and vehicles for entertainment projects. Students will learn how to visually develop concepts from initial sketches to final renderings of objects from the everyday mundane to the fantastic. Emphasis is placed on principles of three-dimensional drawing and the application of design research.

**ET 23, 2D Character Animation 3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 19B.*

This course covers advanced techniques of digital character animation and performance. Through lectures and projects, students will learn to develop living characters that think and feel. This course presents an in-depth analysis of emotion and acting principles as applied to a digital character.

**ET 24, 3D Fundamentals 4 units**

Transfer: CSU

- *Advisory: Entertainment Technology 11.*

This introductory course provides a basic overview of the tools used in the creation of 3D digital animation. Topics covered include modeling, character rigging, animation, shading, lighting and rendering. This course emphasizes the fundamental concepts of 3D digital animation as well as an understanding of the software. In addition to completing weekly exercises, students will apply the skills they learn to create an individual project.

*This course uses Autodesk Maya.*

**ET 24A, Introduction to 3D Animation 2 units**

Transfer: CSU

- *Advisory: Entertainment Technology 11.*

This introductory course provides an overview of the tools available for the creation of 3D digital animation. Through a series of lectures and weekly exercises, students will be introduced to the basics of character rigging and animation. This course is intended for industry professionals who would like to gain an understanding of 3D software. The course material of ET 24A is similar to that of ET 24 but does not require a final project. Students who have completed ET 24 may use ET 24A as a review course.

*This course uses Autodesk Maya.*

**ET 24B, 3D Character Animation 3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 24.*

This course focuses on the basic principles of character animation as applied to 3D characters. Techniques such as posing, timing, weight, anticipation, squash and stretch, overlapping action, and staging are covered. Students will also be introduced to the basics of performance animation. In addition to completing weekly exercises, students will apply the skills they learn to create an individual project.

*This course uses Autodesk Maya.*

**ET 24C, Advanced 3D Character Animation 3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 24B.*

This course focuses on advanced principles of 3D character animation. Students will learn to create effective performance animation using the fundamentals of acting, staging and exaggeration. Advanced topics such as facial animation, lip-synch and motion capture will also be covered.

*This course uses Autodesk Maya.*

**ET 24D, Digital Previsualization 3 units**

Transfer: CSU

- *Prerequisite: Entertainment Technology 20 and 24B.*
- *Skills Advisory: Film Studies 40.*

In this course, digital previsualization will be covered through the process of using virtual cameras, characters

and environments to visualize complex shots or sequences before final production begins. Students will use digital tools along with traditional filmmaking techniques to create compelling 3D cinematic sequences for entertainment projects. Topics covered include shot composition, camera rigging and movement, staging, timing, and editing.

**ET 25, 3D Modeling 3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 24.*

This course provides an overview of the production process used to construct digital characters and environments. Using industry-standard tools and methods, students will learn to create production-ready 3D models. Organic and inorganic modeling with polygons, NURBS and subdivision surfaces will be covered. Students will also learn the basic principles of digital sculpting software as well as methods for optimizing models for 3D game engines.

*This course uses Autodesk Maya and Pixologic ZBrush.*

**ET 25B, 3D Character Creation 3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 25.*

This course covers digital character creation techniques from basic design principles to advanced digital sculpting techniques. The first part of the course explores the aesthetic and psychological aspects of design that will enable students to create compelling and original character and creature concepts. The second part of the course focuses on the technical aspects of creating characters in Maya. Students will advance from creating basic cartoon characters to high-end, film-ready creatures using fluids, hair, cloth, dynamics and digital sculpting tools to achieve the highest level of realism and energy in their digital sculptures.

*This course uses Autodesk Maya and Pixologic ZBrush.*

**ET 25C, 3D Character Rigging 3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 25.*

This course covers the technical aspects of creating effective animation controls for 3D characters. Using industry-standard tools and methods, students will develop intuitive and efficient character rigs. The use of deformers, constraints, expressions, scripts, utility nodes and kinematic controls will be covered. Students will also be introduced to advanced topics such as cloth, hair, fur and muscle systems.

*This course uses Autodesk Maya.*

**ET 26, 3D Rendering 3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 25.*

This course provides an overview of the production process used to render digital characters and environments. Using industry-standard tools and methods, students will learn to create photo-realistic and stylized renderings. Advanced shading, lighting, rendering and compositing techniques will be covered.

*This course uses Autodesk Maya.*

**ET 30, Animation Project 4 units**

Transfer: CSU

- *Advisory: Entertainment Technology 20.*

This course covers the design and production of a faculty-supervised project for portfolio development. Students will

develop an animated project from an original concept to final output. Areas covered by this course will include story development and design, modeling, rigging, animation and rendering. This course will enable students to develop an effective demonstration reel.

### **ET 31A, Digital Video Fundamentals** **3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 11.*

This introductory course familiarizes students with the fundamental aspects of digital video production. Covering acquisition formats, authoring formats and delivery formats, the class provides a strong foundation for working with digital picture (both motion picture and still pictures) and digital sound in non-linear digital video post production. Topics will include digital vs. analog, time code, frame rates, frame size, frame aspect ratio, pixel aspect ratio, data transfer rates, key frames, NTSC and PAL television standards, image composition and acquisition, video capture, compression and output. Editing will be taught on Adobe Premiere.

### **ET 31B, Digital Video Editing** **3 units**

- *Advisory: Entertainment Technology 31A.*

This course focuses on the advanced techniques, skills, and theories of editing as well as the technical requirements for assembling a digital video project. Through a series of hands-on projects, students will put traditional theories of picture and sound editing into practice. The course will also cover the history of nonlinear editing and provide an overview of the post production process. Avid Media Composer will be the primary editing software utilized in this course.

### **ET 32, Digital Compositing** **3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 31A and Graphic Design 64 (formerly same course as Entertainment Technology 37).*

Digital compositing is the process of digitally manipulating a combination of source images to produce a seamless whole. This course provides a complete overview of the compositing process as it is used in film/television, visual effects, and multimedia. Areas covered include image creation and manipulation techniques as well as design and color fundamentals. Through a series of exercises and projects, students will develop the aesthetic and technical skills necessary for integrating diverse visual elements into cohesive imagery.

### **ET 33, Advanced Digital Compositing** **3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 32.*

This course introduces students to advanced digital compositing techniques using nodal compositing software applications. Areas covered include color correction, keying, rotoscoping, tracking, digital paint and camera projection. By completing a series of exercises and projects based on professional visual effects methodology, students will hone the aesthetic and technical skills necessary for integrating diverse visual elements into cohesive imagery. *This course uses The Foundry's Nuke.*

### **ET 34, Web Animation I** **3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 11.*

This class focuses on all aspects of web animation, giving special attention to characters and graphics, as well as interactivity and light programming. Students learn the tricks of controlling file size, special approaches for importing and creating animation, and all other production techniques needed for building complete web animation projects.

### **ET 36, Web Animation II** **3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 34.*

This course focuses on advanced techniques in Flash, a vector-based graphic and animation package that creates advanced web-based applications that include scripted behaviors and interactions. Students learn advanced techniques for interactive scripting, web interface design, advanced visuals, games and motions graphics. Techniques for communicating between interactive application and the browser and/or server are also covered. The goal of this course is to provide professional level skills for web animation and interface development. Students will create a large final project incorporating advanced techniques discussed in the course.

### **ET 38, Digital Imaging for Design 2** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 64 (formerly same course as Entertainment Technology 37).*

Building on previously developed, advanced Photoshop skills, this course will navigate students through the more highly advanced features of the program to create and manipulate images specifically for use in multimedia, digital video, 2D animation, and 3D animation. Topics include intense and extensive investigations into alpha channel creation and development, lighting effects generation within alpha channels and layer effects, displacement and bump mapping techniques, texture mapping relating to alpha channel and creature surface decoration, and the utilization of techniques incorporating Illustrator and Photoshop together.

### **ET 39, Digital Audio for Games** **3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 11.*

This Windows-based course will introduce students to the fundamentals of digital audio design and provide them with the basic tools to use the technology appropriately, creatively, and effectively. The course will focus on audio for games, digital media, and electronic music implementation. Practical experience will be balanced by an emphasis on understanding the fundamentals of the technology and its applications within the interactive game industry. Topics covered will include principles of good audio design; the essential hardware and software tools of music production in a digital environment; characteristics and differences between various audio formats; basic principles of sound waveform editing; and recording techniques for interactive and video integration.

### **ET 40, Digital Audio Fundamentals** **3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 11.*

This course will introduce students to the fundamentals of digital audio design and provide them with the basic tools to use the technology appropriately, creatively, and effec-

tively. A large element of hands-on practical experience will be balanced by an emphasis on understanding the fundamental theoretical principles of the technology and its applications within the entertainment industry. Topics covered will include the basic characteristics and differences between analog and digital audio; principles of good audio design; the essential hardware and software tools of music production in a digital environment; characteristics and differences between the main digital audio formats; basic principles of sound waveform editing; and recording techniques for multimedia and video integration.

*This course uses DigiDesign Pro Tools.*

### **ET 41, Digital Audio Post Production** 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 40.*

In this course, students will combine skills acquired in the advanced digital media courses to design and implement sound for their portfolio projects. Areas covered include live audio recording, working with prerecorded audio elements, and inventing sounds using Foley techniques. The principles of sound sweetening and multi-track layering will be addressed, as well as multi-track compositing. Students will also learn techniques seamlessly moving audio between audio and video editing tools.

*This course uses DigiDesign Pro Tools.*

### **ET 41M, Digital Music Production** 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 40.*

In this course, students will learn the skills necessary to digitally record and produce music at a professional level. Hands-on practical techniques will reinforce an understanding of recording, editing, programming and mixing for music production. Topics covered will include recording with microphones, programming electronic instruments, MIDI, proper use of audio effects and music mixing techniques.

*This course uses DigiDesign Pro Tools.*

### **ET 42, Principles of Game Development** 3 units

Transfer: CSU

This course is an introductory overview of the electronic game development process that underlines the historical context, content creation strategies, and future trends in the industry. The course will also explain how games are produced, tested, and released. This course will also cover the history of game platforms up to the most recent systems, and the expanded growth in Mobile, Casual, and Serious game development.

### **ET 44, Game Design/Play Mechanics** 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 42.*

This course covers the fundamentals of game design. The focus is on building a solid understanding of play mechanics: the formal elements of play, the dramatic elements that make a game meaningful to its players, and the system dynamics that shape the overall experience. Lectures will use historical and current games and genres to illustrate key concepts. Topics include strategy and tactics, resource management, emergent complexity, puzzles and puzzle development, and the business of games. Students will learn the process of design through prototyping, playtesting and revising their own original game concepts.

### **ET 49, Game Development Project** 4 units

Transfer: CSU

- *Advisory: Entertainment Technology 17 and 44.*

This computer-based course covers the production of a faculty-supervised project for portfolio development. Working in teams, students will develop original game design documents into playable game levels. Emphasis will be placed on interactive design, efficient production practices, and successful communication. Each team will complete one major game prototype for portfolio development. Knowledge of 3D character modeling and rendering is required.

*This course uses the Unreal Engine 3, Autodesk Maya, and Pixologic ZBrush.*

### **ET 60, Post Production Project** 3units

Transfer: CSU

- *Prerequisite: Entertainment Technology 31B.*
- *Advisory: Entertainment Technology 41.*

This computer-based course covers the design and production of a faculty supervised project for portfolio development. Students will produce an original post production project from creation of the original concept through the completion of the finished project. Emphasis will be placed on design quality and technical execution. Students will complete one major project for their portfolio.

### **ET 61, History of Animation** 3 units

Transfer: CSU

This course will explore the history of animation through its earliest beginnings to the present. In addition to the chronological order of events, this course will look at the multi-faceted aspects of this relatively modern art form. The influences of economics and social/political pressures on the art form will be examined. Included will be the study of individual animators and studios, big and small; different art techniques, materials 2D and 3D. The class will also examine the principles of movement and how they apply to the zoetrope as well as the computer.

### **ET 63, Digital Tracking and Integration** 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 24 and 91.*

This course focuses on the techniques of combining digitally created elements with live-action footage. Areas covered include camera tracking, matchmoving, rotoscoping, motion capture and green screen photography. Through a series of exercises and projects, students will learn to seamlessly integrate computer generated elements with digital video. Emphasis will be placed on problem solving as well as software training.

### **ET 64, Digital Effects I** 3 units

Transfer: CSU

- *Advisory: Entertainment Technology 24 and 94.*

This introductory course provides a basic overview of the tools used in the creation of 3D digital effects. Topics covered include interface essentials, procedural software architecture, modeling, animation, particles, expressions, shading, and rendering. This course emphasizes the fundamental concepts of visual effects production as well as an understanding of the software.

*This course uses Side Effects Houdini.*



**ET 65, Digital Effects II****3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 64.*

This course focuses on advanced methodologies for creating digital effects. Topics covered include advanced particle simulations, expressions and scripting techniques, dynamic simulations, rendering solutions, and effects compositing. This course emphasizes procedural workflows and the interdependency of various software tools to achieve efficient and flexible results. This course uses Side Effects Houdini.

**ET 72, Career Development****2 units**

Transfer: CSU

This course provides an overview of the strategies and techniques to develop a career within the entertainment industry, which includes jobs in the production of live action, animation, game, interactive, internet, visual effects, as well as performance and other entertainment fields. Students will learn to identify and research potential career paths in these various industries. They will develop personal marketing tools, such as resume, cover letter and other presentation materials (i.e. demo reels, personal websites, portfolios, etc.), that will help to brand and promote them into the industry. Networking skills and interviewing techniques will prepare them for any entry-level position in the entertainment industry.

**ET 75, Digital Production for 2D Animation****3 units**

Transfer: CSU

This course covers the mechanics of digital production for animated films and commercials, TV series, short, and feature-length films. The student will have hands-on experience with the following stages of production: scanning animation drawings, digital pencil testing, digital inking and painting, asset management of scene files, the electronic exposure sheet, sound synchronizing to picture, background painting, digital compositing, and camera moves.

**ET 80, Digital Effects Project****3 units**

Transfer: CSU

- *Advisory: Entertainment Technology 32, 63, and 65.*

This computer-based course covers the design and production of a faculty supervised project for portfolio development. Students will produce an original digital effects project from creation of the original concept through the completion of the finished project. Emphasis will be placed on design quality and technical execution. This course will also cover demonstration reel development.

**ET 84B, Special Topics – 3D Animation****1 unit**

- *Prerequisite: Entertainment Technology 24.*

This short hands-on course allows students to focus on areas of specific interest that relate to the 3D production process. Students will work with the instructor to design projects that increase their skill with the Autodesk Maya software program.

**ET 84C, Special Topics – Web Animation****1 unit**

Transfer: CSU

- *Prerequisite: Entertainment Technology 34.*

This short, hands-on course allows students to focus on areas of specific interest that relate to internet-based animation. Students will work with the instructor to design

projects that increase their skill with the Macromedia Flash software program.

**ET 84F, Special Topics – Visual Effects****1 unit**

- *Prerequisite: Entertainment Technology 64.*

This short, hands-on course allows students to focus on areas of specific interest that relate to the digital effects production process. Students will work with the instructor to design projects that increase their skill with the Side Effects Houdini software program.

**ET 84H, Special Topics – 2D Animation****1 unit**

- *Prerequisite: Entertainment Technology 19A.*

This short, hands-on course in animation allows students to focus on areas of specific interest that relate to the 2D production process. Students will work with the instructor to design projects that increase their traditional animation skills.

**ET 84K, Special Topics – Post Production****1 unit**

- *Prerequisite: Entertainment Technology 31A.*

This short, hands-on course allows students to focus on areas of specific interest that relate to the post-production process. Students will work with the instructor to design projects that increase their skill with post-production software.

**ET 88A, Independent Studies in Entertainment Technology****1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**ET 88B, Independent Studies in Entertainment Technology****2 units**

Please see "Independent Studies" section.

**ET 88C, Independent Studies in Entertainment Technology****3 units**

Transfer: CSU

Please see "Independent Studies" section.

**ET 89, Figure Drawing****1 unit**

Transfer: CSU

This course is designed for the advanced drawing student. Students completing this course will have a familiarity with all major issues involved in drawing and visualizing the figure as an animate, three-dimensional form, and will have developed perceptual and manual skills equal to the challenge of understanding the human body as a structure in space, in both static and dynamic modes. Comprehension of figure structure will be both anatomical and perspectival with special emphasis on developing a model of the human figure that can be easily visualized in the imagination and adapted for use in animation and related disciplines.

**ET 90A, Internship****1 unit**

Transfer: CSU

Please see "Internships" section.

**ET 90B, Internship****2 units**

Transfer: CSU

Please see "Internships" section.

**ET 90C, Internship** **3 units**

Transfer: CSU  
Please see "Internships" section.

**ET 91, Perspective Drawing** **2 units**

Transfer: UC, CSU  
This course focuses on the principles of three-dimensional drawing. Emphasis is placed on fundamental concepts such as diminution, foreshortening, convergence and shading. Concepts such as horizon lines, vanishing points, and picture planes will be covered. Perspective drawing methods will be applied to rendering interiors, exteriors, objects and figures.

**ET 92, Figure in Motion** **3 units**

Transfer: CSU  
This is the foundation course for traditional and computer animators to understand and draw the figure in motion. This course teaches the student to visualize and quick sketch the figure in three-dimensional as it moves through space. Emphasis is placed on construction, volume, key poses and gestures as the figure moves in a given action. Students will also develop portfolio drawings necessary for job interviews in the industry.

**ET 93, Quick-Sketch and Rapid Visualization** **1 unit**

The major emphasis in this course for advanced students will be the ability to draw clear, credible, and simplified representations of complex visual phenomena. These phenomena include the human figure at rest or in motion and the spatial environment for these figures and their actions. Students will use a variety of media, some of which will be applicable spontaneous reactions to action events. Skill development will include the ability to visualize and invent figures and environments from a variety of viewing angles and light conditions.

**ET 94, Color Theory and Application** **2 units**

Transfer: CSU  
Students in this course will study the development of color perception, harmony, expression, visualization, and the application of color in traditional and digital imagery using a 2-D, 3-D, or 4-D format through a series of problem-solving exercises and projects.

**ET 95, Animal Drawing** **2 units**

Transfer: CSU  
This course provides students with a working understanding of animal anatomy and movement and its comparison to human anatomy and movement. Students will develop skills in proportional and perspective analysis of animal forms. This class will teach students to sketch a variety of animals both from life and from other visualization techniques.

**ET 96, Costumed Figure Drawing** **2 units**

Transfer: CSU  
Students who successfully complete this course will learn to both understand and predict the physical correlation between the figure and its costume, acquiring in the process knowledge of the structural topology of draping. Attention will be given to the planar surface structure (tonal and directional) of draped fabric in relation to linear perspective and light source.

## Environmental Studies

**ENVRN 7, Introduction to Environmental Studies** **3 units**

Transfer: UC, CSU  
*IGETC AREA 4 (Social and Behavioral Sciences)*  
*Satisfies Global Citizenship*

- *Prerequisite: None.*

This introductory course will use an interdisciplinary approach to provide students with a broad perspective on environmental problems and solutions. Students will be introduced to the strategies used by scientists, economists, political analysts, and other writers and researchers to investigate and analyze environmental and urban issues, human/nature relationships, natural and built environments, and environmental citizenship.

*Environmental Studies 7 is the same course as Geography 7. Students may earn credit for one, but not both.*

**ENVRN 14, U.S. Environmental History** **3 units**

Transfer: UC, CSU  
*IGETC Area 4 (Social and Behavioral Sciences)*  
*Satisfies Global Citizenship*

- *Prerequisite: None.*

- *Skills Advisory: Eligibility for English 1.*

This course surveys environmental history of the United States from earliest human migration to the present, focusing on the complex and consequential ways people have perceived, relied on, interacted with, and been impacted by the natural world. Topics include diverse patterns of interaction with land, water, plants, animals, and energy sources, as well as the economic, political, social, cultural, technological and global aspects of these patterns.

*Environmental Studies 14 is the same course as History 14. Students may earn credit for one, but not both.*

**ENVRN 20, Environmental Ethics** **3 units**

Transfer: UC, CSU  
*IGETC AREA 3B (Humanities)*  
*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course introduces the field of environmental ethics with an emphasis on global environmental problems and global citizenship. The conceptual foundations of environmental attitudes and values are examined through an historical survey of philosophies of nature and human/nature relations. Ethical theories are presented and used to analyze contemporary environmental problems, e.g. mistreatment of animals, pollution, climate change, species extinction, natural resource depletion, environmental racism etc. The ethical assumptions underlying various national and international responses to environmental problems will be analyzed and evaluated.

*Envrn 20 is the same course as Philos 20. Students may earn credit for one but not both.*

**ENVRN 22, Environmental Politics and Policies** **3 units**

Transfer: UC, CSU  
*IGETC AREA 4 (Social and Behavioral Sciences)*  
*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course examines environmental politics, including, but not limited to the issues of population, natural resource use, habitat loss, global climate change and pollution. The political, economic, and social origins of environmental change and degradation are examined, as well as democratic, bureaucratic and market-based solutions to environmental problems advocated by environmental movements, interest groups and political parties. Arguments for best public policy responses to a range of environmental problems will be assessed and debated. The course offers a practical problem-solving approach which includes local, state, national and global environmental politics. Course content focuses primarily on political concepts, such as sustainable development and ecological democracy, and on the relations between a range of contemporary political values and the environmental policy recommendations of each. The course explores various perspectives on what it means to take political responsibility for reducing the human impact on the earth.

*Environmental Studies 22 is the same course as Political Science 22. Students may earn credit for one, but not both.*

### **ENVRN 32, Global Environmental History** **3 units**

Transfer: UC, CSU

*IGETC Area 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys global environmental history from early human evolution to the present, focusing on the complex and consequential ways people have perceived, relied on, interacted with and been impacted by the natural world. Topics include the diverse patterns of interaction with land, water, plants, animals, and energy sources, as well as their economic, political, social, cultural, and technological aspects in the local, regional, and global context.

*Environmental Studies 32 is the same course as History 32. Students may earn credit for one, but not both.*

### **ENVRN 40, Environmental Psychology** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course will focus on the theory and application of psychological principles as they relate to the causes of, and potential solutions to, current global environmental problems. Modern ecological issues (such as global climate change, habitat-loss, etc.) have their historical origin in human behavior; this class will focus both on relevant causal behaviors, and on the mental mechanisms that give rise to such behavior. An evolutionary perspective will be employed to identify the pathways by which the clash of a "universal human nature" and the modern environment results in an "evolutionary mismatch." Evolutionary models such as the "tragedy of the commons" will be elucidated with relevant and real world examples. In addition, the course will explore potential avenues to effectively reshape human kind's social, technological and economic relationship with its environment. As such, a systems approach will be taken that considers the human as a part of, as well as an influence on, ecosystems. Cutting edge research will be integrated from different domains of psychology (cognitive, social, developmental and evolutionary, etc.) as well as related fields (genetics, behavioral economics, game-

theory, anthropology, etc.) to comprehensively study the human-environment interaction.

*ENVRN 40 is the same course as PSYCH 40. Students may earn credit for one but not both.*

## **Fashion Design and Merchandising**

### **FASHN 1, Fashion Trends and Design** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is designed to serve both students of fashion design and fashion merchandising in preparing them to become familiar with the nature of fashion design and its components and to understand how environmental factors influence the style, color, texture, and design of garments. Fashion materials, theories of fashion adoption, sources of design inspiration, and manufacturing a garment will be discussed.

### **FASHN 2, Color Analysis** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is an exploration of color theory and elements of design with emphasis on the expertise of color mixing and creative color combinations. Theory is applied to textile, fashion design, and fashion merchandising.

### **FASHN 3, Apparel Construction** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is an introduction to basic sewing techniques of costume and manufacturing apparel and provides familiarization with the tools used in the fashion industry. Development of fundamental skills and terminology of clothing construction. Emphasis is on interrelationship of fabric, fiber, design and construction techniques. This course is required of all Fashion Design and Merchandising majors.

### **FASHN 5, Fashion Buying** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This is an introductory course in fashion buying to acquaint the students with the life of a buyer that includes considerations and practices of an executive or middle manager. The buyer's position includes responsibilities such as making evaluations and maintaining standards that are complete and constant. This course will also present an awareness of quality effect of stocking merchandise and knowing and effectively practicing what to buy, when to buy, and how much to buy.

### **FASHN 6A, Pattern Analysis and Design** **2 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 3.*

This course is a study of the basic pattern drafting techniques of the apparel industry and the transfer of a design to a flat pattern. Students learn to design and make their own patterns.

**FASHN 6B, Pattern Drafting and Design Intermediate 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 6A.*

This course is a continuation of Fashion 6A with emphasis on more advanced and complex design creations in harmony with the current trends.

**FASHN 7, Fabrics for Fashion Design and Merchandising 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

A detailed study of textiles from fiber to finished fabric is covered in this course including identifications of fiber types, construction, printing, dyeing, and finishes of natural/man-made fabrics. Emphasis is on fabric design, principles of patterns, and methods of textile decoration.

**FASHN 8, History of Fashion Design 3 units**

Transfer: CSU

- *Prerequisite: None.*

This survey of fashion of the Western world introduces historic dress as an inspiration and a design resource for students of fashion design and fashion buying and merchandising. The evolution silhouette and the cut and construction of men's and women's garments are analyzed using slides of paintings, drawings, sculpture and historic costume. Contemporary examples in fashion are compared to their historic sources.

**FASHN 9A, Fashion Illustration and Advertising 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course will give students skill in drawing fashion figures and deals with contemporary idealized proportions used for fashion today for both fashion design and fashion merchandising. Students will develop individual style in their presentation, and learn to use their drawing as a means of communicating their ideas and designs.

**FASHN 9B, Advanced Fashion Illustration and Advertising 2 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 2 and 9A.*

This course provides the student with advanced techniques used to illustrate fashion and is for students of fashion design or fashion merchandising. Techniques are taught that are used for quick and realistic sketching and rendering with water color to illustrate various designs and textures.

**FASHN 10, Advanced Design and Construction 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 3.*

Emphasis on unique and creative designs with manipulation of appropriate and more difficult fabrics. Students will gain more confidence and speed in their design developments, pattern making and construction.

**FASHN 11, Advanced Clothing – Tailoring 2 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 3.*

This course explores traditional and contemporary tailoring techniques as applied to the design and construction of men's and women's coats, suits, jackets and other tailored garments. It includes a study of the ready-to-wear and retail clothing fields, with emphasis on the individual as a consumer of tailored garments.

**FASHN 12, Fashion Show Production 3 units**

Transfer: CSU

- *Skills Advisory: Fashion 6A or 13.*

This course is designed to give students of Fashion Design and Fashion Merchandising the opportunity to learn how to plan and develop a Fashion Show.

**FASHN 13, Draping I 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 6A.*

This course covers the principles of draping and the ability to develop a pattern in three-dimensional form, opening new ways of designing and creating and recognizing the qualities of a well-designed garment.

**FASHN 14, Draping II 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 13.*

This course is a continuation of Fashion 13 and deals with more complex and original designs for draping. Students will learn how to analyze and interpret complicated designs by means of draping and gain enough experience and speed to create and develop more advanced designs.

**FASHN 15, Ethnic Fashion 3 units**

Transfer: CSU

- *Skills Advisory: Fashion 6A or 9.*

Apparel worn as national dress by people all over the world is surveyed. The origins and functions of clothing in different cultures are examined. Creative designing is inspired by ethnic costumes.

**FASHN 16, Pattern Grading 2 units**

Transfer: CSU

- *Skills Advisory: Fashion 6A or 9.*

Grading is the process of proportionally increasing or decreasing the production pieces according to set measurements for each clothing classification (Women's Junior Petite, Junior, Misses, Half-sizes). This is done without changing or losing the style proportions which are part of the design concept while still retaining the original lines and style of the garment. Students are introduced to and become familiar with a computer program used for grading in the fashion industry, and with the logic and rules that apply to pattern grading.

**FASHN 17, Apparel Production Manufacturing Techniques 3 units**

- *Prerequisite: None.*
- *Advisory: Fashion 6 or 13.*

This course will provide professionally oriented application of design and skills for developing a collection in apparel



manufacturing. The course will cover production methods and techniques of costing for different market. Hands on practice of methods in development of garment groups and organization of a line. Selection of suitable fabrics, production pattern, production sample making, and cost sheet will be covered.

**FASHN 18, Computer Assisted Fashion Illustration and Design** **2 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 1.*

Computer-assisted applications are used as tools to design and create original and innovative work for fashion marketing or fashion design. This is an introductory course requiring basic computer skills.

**FASHN 19, Fashion Marketing** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 1 and 5.*

This course will provide students with an understanding of the psychology, sociology and cultural influences that affect consumer fashion purchasing behavior. The interaction of aspects of the fashion business, including planning, pricing, promotion and distribution, will be covered. Students will learn about how to reach targeted customers locally or globally, with accuracy of products, prices, promotions and channels of distribution.

**FASHN 20, Window Display for Fashion** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Fashion 1.*

This course involves study and exploration of the importance of window display. Students will research different methods used for window display as a means of fashion promotion. Evaluation of various techniques used and comparison of successful displays within each fashion market category will be conducted.

**FASHN 88A, Independent Studies in Fashion** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**FASHN 88B, Independent Studies in Fashion** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

**FASHN 88C, Independent Studies in Fashion** **3 units**

Transfer: CSU

Please see "Independent Studies" section.

**FASHN 90A, Internship** **1 unit**

Please see "Internships" section.

**FASHN 90B, Internship** **2 units**

Please see "Internships" section.

**FASHN 90C, Internship** **3 units**

Please see "Internships" section.

## Film Studies

**FILM 1, Film Appreciation: Introduction to Cinema** **3 units**

Transfer: UC, CSU

*IGETC Area 3A (Arts)*

- *Skills Advisory: Eligibility for English 1.*

*Formerly Cinema 9.*

This course will introduce the art, technology, language, and appreciation of film, exploring the varieties of film experience, film and the other arts, and the ways of viewing. Students will learn about the basic cinematic techniques and structures, including mise-en-scene and montage, use of cinematic time and space, the image, soundtrack, and the script. Consideration will also be given to analyzing the fundamentals of film production, directing, acting, and editing; how the elements of the production process are analyzed separately, then brought together to show how they create the emotional and intellectual impact of the film experience. Film examples will be screened in class.

*This course is intended as a beginning course to introduce students to cinema.*

**FILM 2, History of Motion Pictures** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

*Formerly Cinema 1.*

A broad survey is made of the history, theory, techniques, and development of motion pictures. The history of film as a major art form and its major artists, works, and styles are emphasized. Film examples are screened in class.

**FILM 5, Film and Society** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

*Formerly Cinema 5.*

This course presents motion pictures as reflections and influences of American society. Films are often selected from specific decades and analyzed as records of social attitudes shaping the present and past.

**FILM 6, Women in Film** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A and 3B (Arts and Humanities)*

- *Prerequisite: None.*

*Formerly Cinema 8.*

This course is a historical study and survey of the multiple and varied images of women in film. Students will screen and analyze films over seven decades, beginning with the 1930s. Students will also read, discuss, and write about women's roles in these films. The focus is to analyze the representation of women in each film screened, to discuss how character roles have changed over time, and to examine occupation, dress, and rules of behavior.

**FILM 7, American Cinema: Crossing Cultures** **3 units**

Transfer: UC, CSU

*Satisfies Global Citizenship*

- *Skills Advisory: Eligibility for English 1.*

Formerly Cinema 7.

This course surveys American motion pictures that have been made by filmmakers representing three United States ethnic groups, including African Americans, Latino Americans, and Asian Americans. Students will also analyze Hollywood's treatment of those ethnic cultures throughout film history.

### **FILM 8, The Popular Film Genres** 3 units

Transfer: UC, CSU

IGETC AREA 3A (Arts)

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Formerly Cinema 2.

This introductory course surveys the development and artistic, social, and entertainment ingredients of basic film genres. Emphasis on such types as the science-fiction film, western, gangster film, crime and detective thriller ("film noir"), musical, comedy, or horror film.

### **FILM 9, The Great Film Makers** 3 units

Transfer: UC, CSU

- *Skills Advisory: Eligibility for English 1.*

Formerly Cinema 4.

This course covers a limited number of film directors, writers, producers, and/or actors, examining their work in artistic, social, and historical terms. The course content and emphasis changes each term.

### **FILM 10, Film Criticism and Interpretation** 3 units

Transfer: CSU

- *Prerequisite: Film Studies 1, 2, 5, 6, 7, 8, or 9.*
- *Skills Advisory: Eligibility for English 1.*

Formerly Cinema 10.

Using in-depth studies of a limited number of films and writings about films, this discussion and workshop course explores the various approaches to developing sound criticism and interpretation of motion pictures. It also introduces the student to the basic theories of film art and criticism.

### **FILM 11, Literature into Film** 3 units

Transfer: UC, CSU

IGETC Area 3B

- *Prerequisite: None.*
- *Advisory: English 1.*

Formerly same course as English 11.

In this course, students will explore literary classics on screen, comparing the narrative dynamics of cinema and literature by comparing the text with the film. In so doing, students will gain an understanding of the text to film adaptation process, the expressive powers of each, and each medium's unique potentialities and deficiencies. Selected novels, short stories, plays, and nonfiction works will be examined as each evolves into film.

### **FILM 20, Beginning Scriptwriting** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: English 1.*

Formerly Cinema 11A.

This course is designed to teach the student the basic tools of scriptwriting for film, television, or theater, focusing on the aesthetic and commercial demands of each medium.

### **FILM 21, Advanced Scriptwriting** 3 units

Transfer: CSU

- *Prerequisite: Film Studies 20.*

Formerly Cinema 11B.

This course is designed to provide intermediate level training in skills required to create scripts for film, television, or theatre. Techniques of writing and marketing scripts are explored.

### **FILM 30, Production Planning for Film and Video** 3 units

Transfer: CSU

- *Advisory: Film Studies 20.*

Formerly Cinema 3.

This course is designed for students who are interested in transforming a creative concept into a practical production plan. By viewing, discussing, and analyzing scripts, television, and film, students will learn skills necessary to start production of a film or video.

### **FILM 31, Introduction to Digital Filmmaking** 3 units

Transfer: CSU

- *Prerequisite: None.*

This is an introductory course covering both the basic techniques of digital filmmaking and of critical appreciation, while emphasizing students' personal and creative expression. Topics will include the theory and practice of visualization, the grammar of cinematic storytelling, the aesthetics of various film movements, camera technique, lighting, sound recording, directing, and other fundamentals related to learning the craft of digital filmmaking. Students will engage in critical appreciation and individual and group analysis of movies, as well as in filming exercises under the direct and continuous supervision of their instructor.

### **FILM 32, Advanced Digital Filmmaking** 3 units

Transfer: UC, CSU

- *Prerequisite: Film Studies 31.*
- *Corequisite: Film 32L.*

Students must also enroll in Film 32L which constitutes the lab portion of Advanced Digital Filmmaking.

This course focuses on advanced techniques of digital filmmaking and theoretical and critical rubrics, allowing the student to gain increased proficiency in directing, cinematography, lighting, sound recording, and the acquiring of images in the HD (High Definition) format. Students learn the role and responsibilities of the film director during pre-production, production and post-production. Topics include the visualization of the screenplay, script breakdown, preparation of shot lists, direction of actors, and the staging of action for the camera.

### **FILM 32L, Advanced Digital Filmmaking Lab** 1 unit

Transfer: CSU

- *Corequisite: Film 32.*

Students must also enroll in Film 32.

This is the laboratory component of Film 32. The laboratory projects will parallel the lecture topics. The lab projects will pertain to directing, cinematography, lighting, sound recording, and the acquiring of images in the HD (High Definition) format. Students will produce elaborate and well-crafted narrative scenes, working in collaboration with other students in the class.

**FILM 33, Directing the Short Film****3 units**

Transfer: UC, CSU

- *Prerequisite: Film Studies 32.*
- *Corequisite: Film Studies 33L.*

In this course, students prepare, rehearse, direct and edit a key scene from an original screenplay that will be shot in its entirety in the lab component course throughout the semester. Students come up with a unique directorial vision and narrative point-of-view, apply the appropriate cinematic style, and realistically schedule and budget the production of their short films.

**FILM 33L, Directing the Short Film Lab****2 units**

Transfer: CSU

- *Corequisite: Film 33.*

*Students must also enroll in Film 33.*

In this course students will develop and complete a short film. This course is the laboratory component for Film 33 and will parallel the lecture topics of that course.

**FILM 40, Cinematography****3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

In this hands-on course, students will delve into the art and craft of cinematography: the methods and techniques by which motion picture photography and lighting help give a film meaning and aesthetic purpose. Through lectures, demonstrations and exercises in a supervised classroom environment, students will learn to operate state-of-the-art digital and electronic equipment while applying the fundamental principles of lighting, composition, exposure, focus, lens selection, and camera dynamics into purposeful visual storytelling.

**FILM 50, Production Sound****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides a practical in-depth study of the fundamental aspects of recording and mixing production sound for film and television. Subjects include: introduction to production sound equipment, location sound recording and mixing techniques, on-set sound assessment and troubleshooting, digital audio workstation basics, along with dialogue and ADR (automated dialogue replacement) recording and editing.

**FILM 90A, Internship in Film Studies****1 unit**

Transfer: CSU

Please see "Internships" section.

**FILM 90B, Internship in Film Studies****2 units**

Transfer: CSU

Please see "Internships" section.

**Foreign Languages**

*SMC offers courses in American Sign Language, Arabic, Chinese (Mandarin), French, German, Hebrew, Italian, Japanese, Korean, Persian (Farsi), Portuguese, Russian, Spanish, and Turkish. Classes are listed under name of specific language.*

**French**

Additional hours to be arranged in the Modern Language Lab for Elementary French. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

**FRENCH 1, Elementary French I****5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

This course introduces the students to basic vocabulary and fundamental sentence structures in the present and past. Pronunciation, grammar and everyday vocabulary are stressed as indispensable tools for comprehension and expression. French customs, culture and everyday life are also highlighted. The course is taught in French except in cases of linguistic difficulty as determined by the professor. Language lab is required.

**FRENCH 2, Elementary French II****5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: French 1\*.*

This course completes the basics of the language further stressing pronunciation, grammar and everyday vocabulary as indispensable tools for comprehension. It also includes simplified readings highlighting French customs, culture, and everyday life. This course is taught in French except in cases of linguistic difficulty as determined by the professor. Language lab is required.

*\*The advisory for this course is comparable to two years of high school French.*

**FRENCH 3, Intermediate French I****5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: French 2\*.*

This course reviews French grammar emphasizing idiomatic construction and expressions. Oral discussions and conversations are based on selected readings from contemporary French literature. The course is taught in French except in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to three years of high school French.*

**FRENCH 4, Intermediate French II****5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: French 3\*.*

This course continues the review of functional French grammar with emphasis upon idiomatic constructions and expressions. Oral discussions are based on selected readings from contemporary French literature. This course is taught in French except in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to four years of high school French.*

**FRENCH 8, Conversational French****2 units**

Transfer: UC, CSU

- *Prerequisite: French 2\*.*

This course provides an opportunity to acquire fluency in spoken French with emphasis on natural, colloquial use. This course is taught in French unless in cases of linguistic difficulty as determined by the professor.

*\*The prerequisite for this course is comparable to three years of high school French.*

**FRENCH 31A, Practical French****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is designed to develop effective communication skills. It emphasizes the use of set-up phrases, idiomatic expressions, correct pronunciation and intonation, development of useful vocabulary, and ability to communicate without hesitation in a given situation. This course does not fulfill the language requirement. This course is taught in French unless in cases of linguistic difficulty as determined by the professor.

## Geographic Information Systems

**GIS 19, Geographic Information Systems for Business****3 units**

Transfer: CSU

- *Prerequisite: None.*

*A working knowledge of Windows and the Internet. Formerly same course as CIS 19 and GEOG 19.*

This introductory course focuses on understanding and utilizing Geographic Information Systems (GIS) solutions in business. It is not a substitute for the basic GIS course. Students will apply the use of ArcGIS to identify and display retail markets, evaluate the suitability of sites for establishing or relocating a business or to expand sales territories.

**GIS 20, Introduction to Geographic Information Systems****3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

GIS are computer-based systems used to collect, store and analyze geographic information. This course will present the concepts of Geographic Information Systems (GIS) science and its applications to spatial data management. Topics include: Identification and acquisition of GIS data; Assessment of vector and raster data, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS will also be presented.

*GIS 20 is the same course as Geography 20. Students may receive credit for one, but not both.*

**GIS 21, Geographic information Systems for Law Enforcement****3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly same course as CIS 21.*

This introductory course will focus on understanding and utilizing GIS for law enforcement. Students will utilize ArcMap GIS software in a hands-on computer setting to

identify and display crime data, evaluate Part I and II crime activity, gang activity, etc., on maps. Emphasis will be on GPS locations of crime incidents, clustering of thefts, burglaries, rapes, bank robberies, and plot victim locational and demographic characteristics. Students will track and evaluate patrol assignments and fleet unit routing to create more effective utilization patterns. US Census, DOJ CRS and local governmental data shall be utilized in creating crime maps.

**GIS 22, Geographic Information Systems for Disaster Management****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course focuses on understanding and utilizing Geographic Information Systems (GIS) in Disaster Management. Students will use ArcMap and other mapping information systems to mitigate, plan and respond to weather storm related conditions such as earthquakes, toxic and chemical air releases, and other hazards. This course is designed to enable students to identify areas that might be affected by natural and human-induced disasters.

**GIS 23, Intermediate Geographic Information Systems****3 units**

Transfer: CSU

- *Prerequisite: Geography 20 or GIS 20.*

*Formerly same course as CIS 23.*

This course emphasizes GIS principles and methodology used in both the private and public sectors. Hands-on applications using both raster and vector data and technology will expose students to more advanced understanding of GIS. Students will learn various methods of data acquisition, including Global Positioning Systems (GPS) as well as the World Wide Web. The add-on modules extend the analytical capabilities of ArcMap and allow input of map features and conversion of feature themes from raster to vector. This course will also provide an introduction to several of ArcMap's extension including Spatial Analyst and 3D Analyst. Students will complete a Model Builder to be used in siting new solar sites. Spatial Analysis will include slope and aspect maps, neighborhood and zone analysis. The course will present single and multi-layer statistical operations including classification, coordination, and modeling analysis.

*GIS 23 is the same course as Geography 23. Students may receive credit for one, but not both.*

**GEOG 25, Introduction to Cartography****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides a general introduction to Cartography, broadly defined as the art, science, and ethics of map making and map use. The emphases include map scale, map projection, reference and thematic map reading, symbolization and map design. A variety of modern geospatial technologies and tools are covered, including Geographic Information Systems (GIS), Global Positioning System (GPS), Remote Sensing, and web mapping. The course includes both lecture and hands-on application.

*Geography 25 is the same course as GIS 25. Students may earn credit for one, but not both.*



**GIS 26, Introduction to Remote Sensing 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course introduces students to the basic concepts of remote sensing, characteristics of remote sensors, and remote sensing applications in academic disciplines and professional industries. Emphases are placed on remote sensing data acquisition; digital image processing and interpretation. The course is designed for students interested in the Earth Observing System, environmental monitoring techniques, and image analysis.

*GIS 26 is the same course as Geography 26. Students may earn credit for one, but not both.*

**GIS 27, Applications in Geographic Information Systems 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: GIS 20 or Geography 20.*

This course focuses on utilizing Geographic Information Systems (GIS) in real world applications such as disaster management, crime analysis, environmental sustainability analysis, and marketing. Students will use ArcGIS and other open source GIS software to process, analyze and map geospatial data, extract geospatial information, and develop geospatial wisdom. Emphases are placed on developing geospatial thinking and utilizing GIS to answer geospatial questions.

## Geography

**GEOG 1, Introduction to Natural Environment 3 units**

Transfer: UC\*, CSU

C-ID: GEOG 110.

*IGETC AREA 5 (Physical Sciences, non-lab)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

*\*Maximum credit allowed for Geography 1 and 5 is one course (4 units).*

This course surveys the distribution and relationships of environmental elements in our atmosphere, lithosphere, hydrosphere and biosphere, including weather, climate, water resources, landforms, soils, natural vegetation, and wildlife. Focus is on the systems and cycles of our natural world, including the effects of the sun and moon on environmental processes, and the roles played by humans.

**GEOG 2, Introduction to Human Geography 3 units**

Transfer: UC, CSU

C-ID: GEOG 120.

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is a study of humanity and its planetary home of distinctive places, spaces, landscapes, and environments. The course systematically considers geographic patterns, processes, and issues, beginning with the basic questions of Where? and Why There? Specific topics examined include human population change and migration; agriculture and food systems; urban-economic development; cultural and environmental change in an age of globalization, with specific attention paid to language, religion, ethnic identity, and biodiversity; and international geopolitics.

**GEOG 3, Weather and Climate 3 units**

Transfer: UC, CSU

C-ID: GEOG 130.

*IGETC AREA 5 (Physical Sciences, non-lab)*

- *Prerequisite: None.*

This course is a survey of the earth's atmosphere, with special reference to the causes and regional distribution of weather and climate. The nature and causes of winds, clouds, precipitation, and severe storms are studied. Students will learn techniques of local weather observation and prediction.

**GEOG 5, Physical Geography with Lab 4 units**

Transfer: UC\*, CSU

C-ID: GEOG 115.

*IGETC AREA 5 (Physical Sciences, + LAB)*

- *Prerequisite: None.*

*\*Maximum credit allowed for Geography 1 and 5 is one course (4 units).*

This course surveys the distribution and relationships of environmental elements in our atmosphere, lithosphere, hydrosphere and biosphere, including weather, climate, water resources, landforms, soils, natural vegetation, and wildlife. Focus is on the systems and cycles of our natural world, including the effects of the sun and moon on environmental processes, and the roles played by humans. Laboratory work emphasizes the practical application of concepts presented in lecture, introduces the student to some of the tools and methods used in Physical Geography, and may include field study opportunities.

**GEOG 7, Introduction to Environmental Studies 3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)**Satisfies Global Citizenship*

- *Prerequisite: None.*

This introductory course will use an interdisciplinary approach to provide students with a broad perspective on environmental problems and solutions. Students will be introduced to the strategies used by scientists, economists, political analysts, and other writers and researchers to investigate and analyze environmental and urban issues, human/nature relationships, natural and built environments, and environmental citizenship.

*Geography 7 is the same course as Environmental Studies 7. Students may earn credit for one, but not both.*

**GEOG 8, Introduction to Urban Studies 3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*

This course introduces students to the multi-disciplinary study of urban society and space. Cities are examined both as complex social-economic groupings of people, and as material landscapes of buildings, pathways, and public and private spaces. Attention is paid to what cities are and have been (the evolving urban experience of the past and present) as well as to ever-changing ideas about what cities should be (urban planning and design for the future). While the overall perspective of the course is global, its primary focus is on the cities of North America and, in particular, the Los Angeles metropolitan area. This emphasis is evident both in the classroom and in field trips or other assignments that ask students to apply classroom ideas to our local urban setting.

*Geography 8 is the same course as Urban Studies 8. Students may earn credit for one, but not both.*

### **GEOG 10, Living in a Hazardous Environment** 3 units

Transfer: CSU

- *Prerequisite: None.*

This course is a study of hazards and their effect on humans and the natural environment. It includes an analysis of volcanoes, earthquakes, floods, droughts, hurricanes, tornadoes, catastrophic mass wasting, fires, and the effects of terrorism. This course focuses on appropriate responses from law enforcement personnel, fire technicians, and public sector managers.

### **GEOG 11, World Geography: Introduction to Global Studies** 3 units

Transfer: UC, CSU

C-ID: GEOG 125.

*IGETC AREA 4 (Social & Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course introduces Global Studies through a survey of the world's major geographic regions. Students will encounter core concepts related to processes of global connection and change, while also developing basic geographic literacy in the distribution of human and natural features on Earth. Students will examine and discuss significant issues--cultural, social, political-economic, and environmental--impacting humanity today as both problem and possibility. In particular, this course considers the diverse localized impacts of globalization as a continuing story of peoples and places isolated and connected by imperial, colonial, and international systems of the past and present.

*Geography 11 is the same course as Global Studies 11. Students may earn credit for one but not both.*

### **GEOG 14, Geography of California** 3 units

Transfer: UC, CSU

C-ID: GEOG 140.

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course surveys the physical and human geography of California and the process shaping its landscapes. Topics include natural features and resources, such as geology, climate, plants and animals, and hydrology. Historical and current trends in human population, migration, and settlement patterns are considered, including a review of the state's major cultural groups. Primary and advanced economic activities are examined within modern rural and urban settings. Emphasis is on the profound connections between these topics, on California's unequalled diversity, and the rapid change that is transforming our people and its landscapes.

### **GEOG 20, Introduction to Geographic Information Systems** 3 units

Transfer: UC, CSU

C-ID: GEOG 155.

- *Prerequisite: None.*

*Formerly same course as CIS 20.*

GIS are computer-based systems used to collect, store and analyze geographic information. This course will present the concepts of Geographic Information Systems (GIS)

science and its applications to spatial data management. Topics include: Identification and acquisition of GIS data; Assessment of vector and raster data, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS will also be presented.

*Geography 20 is the same course as GIS 20. Students may earn credit for one course only.*

### **GEOG 23, Intermediate Geographic Information Systems** 3 units

Transfer: CSU

- *Prerequisite: Geography 20 (same as GIS 20).*

*Formerly same course as CIS 23.*

This course emphasizes GIS principles and methodology used in both the private and public sectors. Hands-on applications using both raster and vector data and technology will expose students to more advanced understanding of GIS. Students will learn various methods of data acquisition, including Global Positioning Systems (GPS) as well as the World Wide Web. The add-on modules extend the analytical capabilities of ArcMap and allow input of map features and conversion of feature themes from raster to vector. This course will also provide an introduction to several of ArcMap's extension including Spatial Analyst and 3D Analyst. Students will complete a Model Builder to be used in siting new solar sites. Spatial Analysis will include slope and aspect maps, neighborhood and zone analysis. The course will present single and multi-layer statistical operations including classification, coordination, and modeling analysis.

*Geography 23 is the same course as GIS 23. Students may receive credit for one, but not both.*

### **GEOG 24, Geospatial Imagery: Maps for the Twenty-First Century** 3 units

Transfer: CSU

- *Prerequisite: None.*

This course introduces methods for visualizing the natural and cultural features of Earth's surface. Fundamentals of traditional map and air-photo interpretation are covered, as well as newer technologies including satellite imagery, global positioning systems (GPS), and Internet-based applications. Emphases are placed on use and interpretation of maps and other geospatial information. Class time will combine lecture and lab work.

### **GEOG 25, Introduction to Cartography** 3 units

Transfer: CSU

- *Prerequisite: None.*

This course provides a general introduction to Cartography, broadly defined as the art, science, and ethics of map making and map use. The emphases include map scale, map projection, reference and thematic map reading, symbolization and map design. A variety of modern geospatial technologies and tools are covered, including Geographic Information Systems (GIS), Global Positioning System (GPS), Remote Sensing, and web mapping. The course includes both lecture and hands-on application.

*Geography 25 is the same course as GIS 25. Students may earn credit for one, but not both.*

### **GEOG 26, Introduction to Remote Sensing** 3 units

Transfer: CSU

- *Prerequisite: None.*

This course introduces students to the basic concepts of remote sensing, characteristics of remote sensors, and remote sensing applications in academic disciplines and professional industries. Emphases are placed on remote sensing data acquisition; digital image processing and interpretation. The course is designed for students interested in the Earth Observing System, environmental monitoring techniques, and image analysis.

*Geography 26 is the same course as GIS 26. Students may earn credit for one, but not both.*

### **GEOG 35F, Field Study: California** **1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course combines classroom and laboratory studies with actual field studies in geography. Field experiences are designed to apply basic geographic concepts and techniques in the study of diverse landscapes and the processes shaping them. Students will attend two 3-hour lecture classes and are required to attend two planned weekend field trips that include California coastal, mountain, and desert locations.

### **GEOG 35S, Geography Field Studies** **1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course combines classroom and laboratory studies with actual field studies in geography. Field experiences are designed to apply basic geographic concepts and techniques in the study of diverse landscapes and the processes shaping them.

### **GEOG 94, Introduction to Geoscience Field Methods** **2 units**

Transfer: UC, CSU

- *Prerequisite: Science 10 or Geology 4 or Geography 5.*
- *Skills Advisory: Eligibility for English 1.*

This course will introduce students to field methods in Geoscience, including Geology and Geography. Students will apply the scientific methods to their field queries, learn how to design and implement field-based research, and standard protocols such as obtaining required permitting to access field sites. They will also be introduced to commonly used field instruments, practice using these instruments to gather data in a field setting, and communicate results and data interpretation in conventional scientific formats. Field trip attendance is required.

*Geography 94 is the same course as Geology 94. Students may earn credit for one, but not both.*

## **Geology**

### **GEO 1, Physical Geology without Lab** **3 units**

Transfer: UC\*, CSU

C-ID: GEOL 100.

*IGETC AREA 5 (Physical Sciences, non-lab)*

- *Prerequisite: None.*

*\*Maximum credit allowed for Geology 1 and 4 is one course (4 units).*

This course illustrates the many geologic processes that have shaped our planet. Lecture topics include rocks, minerals, landslides, streams, ground water, glaciers, oceans, earthquakes, and plate tectonics. Upon completion of

this course, the student will have a greater awareness and understanding of their constantly changing environment.

### **GEO 3, Introduction to Environmental Geology 3 units**

Transfer: UC, CSU

*IGETC Area 5 (Physical Sciences, non-lab)*

- *Prerequisite: None.*

This course is an introduction to geologic hazards and resources. The primary focus is geologic settings that produce regions with different types of geologic hazards, the specific hazards and mitigation techniques associated with those regions, and the formation and utilization of geologic resources. Topics include earthquakes, volcanoes, floods and groundwater, fossil fuels, rock and mineral resources, and problems associated with resource use.

### **GEO 4, Physical Geology with Lab** **4 units**

Transfer: UC\*, CSU

C-ID: GEOL 101.

*IGETC AREA 5 (Physical Sciences, + LAB)*

- *Prerequisite: None.*

*\*Maximum credit allowed for Geology 1 and 4 is one course (4 units).*

This course presents an introduction to geologic processes that have shaped the Earth. Lecture topics include formation of the Earth, plate tectonics, rocks, minerals, earthquakes, geologic structures, geologic time, coastal processes, and groundwater. Laboratory exercises expand this information by dealing with rock and mineral identification, topographic and geologic map interpretation, and the interpretation aerial photographs. Upon completion of this course, the student will have a good understanding of the processes that form major features on Earth.

### **GEO 5, Historical Geology with Lab** **4 units**

Transfer: UC, CSU

*IGETC AREA 5 (Physical Science + lab)*

- *Prerequisite: None.*

This course is an introduction to the history of Earth and its evolution including surface environments, atmosphere, oceans, and life. Sedimentary rocks are studied for stratigraphic relationships, environmental indicators, and biological significance to reconstruct the geological and biological evolution of Earth over time. Numerical methods, like geochronology, are also employed to assign absolute ages to past environments. The combination of both relative and numerical methods to the study of plate tectonics and geologic structures will allow the student to understand how Earth history is reconstructed. A particular emphasis is placed on the study of North American sequences.

### **GEO 10, Exploration of the Solar System** **3 units**

Transfer: UC, CSU

- *Advisory: Astronomy 2 or 4 or Geology 1 or 4.*

This course provides a geologic and astronomic view of solar system exploration. Current knowledge of the geology of other planets, natural satellites and asteroids is discussed. Current studies in planetary science and how to access and utilize data collected from modern and historic planetary missions and Earth-based studies are also examined.

*Geology 10 is the same course as Astronomy 10. Students may earn credit for one, but not both.*

**GEOL 31, Introduction to Physical Oceanography****3 units**

Transfer: UC, CSU

*IGETC AREA 5 (Physical Sciences, non-lab)*

- *Prerequisite: None.*

This course provides the student with an understanding of the physical and geological aspect of oceanography. Lecture topics include the origin of the oceans, plate tectonics, seafloor topography, waves, beaches, estuaries, lagoons, and lakes. Completion of this course will give the student a greater knowledge of the fascinating and dynamic world of the oceans.

**GEOL 35, Field Studies: California****1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course combines classroom and field studies of California geology. Lectures are designed to prepare the student for the examination of geologic features in the field setting. Field experience is intended to provide students with first hand observations and an understanding of earth processes and their products. Students will learn to take notes and make diagrams in the field to be used in the preparation of a written report. Students will attend three 3-hour lecture classes and are required to attend an overnight field trip to a location of geological interest in California.

**GEOL 35C, Field Studies: Central California****1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course combines classroom and field studies of the geology of Central California, coast and interiors. Lectures are designed to prepare the student for the examination of geologic features in field settings. Field experiences are intended to provide students with first hand observations and an understanding of several Earth processes and their products including underground caverns, sand dunes, volcanoes and erosional features. Students will attend a series of three 3-hour lecture classes and are required to attend one overnight field trip to Central California.

**GEOL 35D, Geology Field Studies: Death Valley and the Basin****1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course combines classroom and field studies of the geology of the Basin and Range desert of California and Nevada. Lectures are designed to prepare the student for the examination of geologic features in field settings. Field experiences are intended to provide students with first hand observations and an understanding of several Earth processes and their products including underground caverns, sand dunes, volcanoes and erosional features. Students will attend a series of three 3-hour lecture classes and are required to attend one overnight field trip to the Basin and Range desert.

**GEOL 94, Introduction to Geoscience Field Methods****2 units**

Transfer: UC, CSU

- *Prerequisite: Science 10 or Geology 4 or Geography 5.*
- *Skills Advisory: Eligibility for English 1.*

This course will introduce students to field methods in Geoscience, including Geology and Geography. Students

will apply the scientific methods to their field queries, learn how to design and implement field-based research, and standard protocols such as obtaining required permitting to access field sites. They will also be introduced to commonly used field instruments, practice using these instruments to gather data in a field setting, and communicate results and data interpretation in conventional scientific formats. Field trip attendance is required.

*Geology 94 is the same course as Geography 94. Students may earn credit for one, but not both.*

## German

Additional hours to be arranged in the Modern Language Lab for Elementary German. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

**GERMAN 1, Elementary German I****5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

The German courses at Santa Monica College use a communicative approach to teaching the German language. The course is designed to give students the ability to understand, speak, read and write simple German. Primary goals are to introduce beginning students to basic structures of the German language by developing vocabulary and a command of idiomatic expressions; to familiarize students with sentence structure through written exercises and short compositions; to give students a basic foundation in German history and culture; and to interest students in traveling to German-speaking countries. Language lab is required.

**GERMAN 2, Elementary German II****5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: German 1\*.*

This course is a continuation of German 1 with additional stress on conversation, reading, and essential grammatical elements. Aspects of German culture and history are covered as well. Language lab is required.

*\*The advisory for this course is comparable to two years of high school German.*

**GERMAN 3, Intermediate German I****5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: German 2\*.*

This course reviews German grammar, emphasizing idiomatic construction and expressions. Discussions and interpretations are based on selected readings from German literature and a variety of cultural topics. This course is taught in German except in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to three years of high school German.*



**GERMAN 4, Intermediate German II****5 units**

Transfer: UC, CSU  
*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: German 3\*.*

This course stresses the finer grammatical points, idioms, and vocabulary used every day and in literature. The course is highlighted by intensive and extensive reading and discussion and interpretations of more advanced German works on literature, philosophy, and culture. This course is taught in German except in cases of linguistic difficulty as determined by the professor.

*\*The prerequisite for this course is comparable to four years of high school German.*

**GERMAN 8, Conversational German****2 units**

Transfer: UC, CSU

- *Prerequisite: German 2.*

This course provides an opportunity to acquire intermediate fluency in spoken German with emphasis on natural, colloquial usage. New vocabulary and idiomatic phrases will be emphasized, and the students will hold conversations in German during each class. This course is taught in German except in cases of linguistic difficulty as determined by the professor.

**GERMAN 31A, Practical German****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is designed for students with no previous knowledge of German. It develops basic conversation skills in the present tense, emphasizing the use of setup phrases, idiomatic expressions, correct pronunciation, development of useful vocabulary and the ability to communicate at a practical and basic level. This course is taught in German except in cases of linguistic difficulty as determined by the professor.

## Global Studies

**GLOBAL STUDIES 3, Global Media****3 units**

Transfer: CSU, UC  
*IGETC AREA 4 (Social and Behavioral Sciences)*  
*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course provides a detailed introduction to global media systems around the world, examining the main economic and cultural dimensions of the international media environment. Key theoretical approaches to international and global communication will be examined. Consideration will be given to the key issues, main actors, and significant developments in global media.

*Global Studies 3 is the same course as Media 3. Students may earn credit for one, but not both.*

**GLOBAL STUDIES 5, International Political Economy: Introduction to Global Studies****3 units**

Transfer: UC, CSU  
*IGETC AREA 4 (Social Science)*  
*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course offers an interdisciplinary introduction to the fields of Global Studies and International Political Economy. Students will analyze critically the role of national governments, international organizations, nongovernmental organizations, and multinational corporations, in regard to phenomena such as, international markets and production regimes, monetary and trade policy, international and global conflict, and environmental degradation. Contending theoretical and ideological perspectives regarding international systems, processes, and trends will be applied and evaluated.

*Global Studies 5 is the same course as Economics 5 and Political Science 5. Students may earn credit for only one course.*

**GLOBAL STUDIES 10, Global Issues****3 units**

Transfer: UC, CSU  
*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This introductory course offers an interdisciplinary approach to exploring the origins, current status, trends and possible solutions of major global issues. Students will examine multiple issues of concern such as international war and conflict, global inequality, food, water, energy, climate change, population growth, migration, and social change. This Global Studies course will emphasize interdisciplinary inquiry by drawing upon both the holistic body of work in global studies, as well as the approaches of related fields such as anthropology, economics, environmental studies, geography, history, philosophy, political science, psychology, sociology, and women's studies.

**GLOBAL STUDIES 11, World Geography: Introduction to Global Studies****3 units**

Transfer: UC, CSU  
 C-ID: GEOG 125.  
*IGETC AREA 4 (Social & Behavioral Sciences)*  
*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course introduces Global Studies through a survey of the world's major geographic regions. Students will encounter core concepts related to processes of global connection and change, while also developing basic geographic literacy in the distribution of human and natural features on Earth. Students will examine and discuss significant issues--cultural, social, political-economic, and environmental--impacting humanity today as both problem and possibility. In particular, this course considers the diverse localized impacts of globalization as a continuing story of peoples and places isolated and connected by imperial, colonial, and international systems of the past and present.

*Global Studies 11 is the same course as Geography 11. Students may earn credit for one but not both.*

**GLOBAL 35, Global Citizenship Field Study****1 unit**

Transfer: CSU  
 • *Prerequisite: None.*

This course supports a diverse range of academic offerings that combine field-based learning and/or research in the context of global citizenship. This course explores the human, scientific, theoretical and/or ecological dimensions of our world. Set in a variety of international and domestic locations, each field study offering will focus on a discipline

specific aspect of the location to expand student understanding of both the discipline and the location.

### **GLOBAL STUDIES 95, Global Los Angeles – Experiential Learning** **2 units**

Transfer: CSU

- *Prerequisite: None.*

This course is a practicum in global studies in a local setting. As a hands-on course, students will engage in experiential learning outside the classroom through various agencies which have significant ties to international/global issues. Each student will develop a reading list, customized to their particular agency's focus and complete a minimum of 30 hours of volunteer work with that agency. Students are required to complete a faculty-led orientation and submit academically-sound reflection journals to the SMC instructor. By applying theoretical ideas and empirical data to their experiences, students develop a deeper understanding of international and global relations and issues, particularly as they impact the target population(s) of the organization with which students are working.

*This course is offered on a credit-no credit basis only. Enrollment in this course requires instructor approval of a student-arranged experiential learning project. Please contact the instructor to request an Add approval code.*

## **Graphic Design**

### **GR DES 18, Introduction to Graphic Design Applications** **3 units**

Transfer: UC, CSU

This computer course provides an overview of digital applications used in the field of Graphic Design: Photoshop, Illustrator and InDesign. Also covered: Operation Systems, file management and computer navigation basics.

### **GR DES 21, Electronic PrePress and Publishing** **3 units**

Transfer: CSU

This course provides an introduction to electronic publishing, printing, and the history of printing and other areas of graphic communications. It includes orientation to the computer, typesetting, electronic page layout software, camera work, basic stripping, platemaking, proofing, presswork, quality control techniques, and post-press operations. Students will learn to operate Macintosh computers and various models of printing presses to reproduce various types of camera-ready artwork.

### **GR DES 31, Graphic Design Studio 1** **2 units**

Transfer: CSU

This studio course introduces the graphic design process—concept, visualization, documentation, and professional presentation. With an emphasis on visual communication strategies, students will explore the fundamental text/image interaction and develop various types of graphic identity designs including symbolic, pictorial or typographic. First in a sequence of three.

### **GR DES 33, Typography Design 1** **2 units**

Transfer: CSU

- *Advisory: Graphic Design 18.*

This studio course introduces classical typography--tradition, terminology, specification, and production. With

an emphasis on legibility and craftsmanship, students will develop rectilinear typographic compositions while learning type indication, comping, and professional presentation techniques. This is the first in a sequence of two courses.

### **GR DES 34, Publication and Page Design I** **3 units**

Transfer: CSU

This computer course introduces students to Adobe InDesign, a page layout computer application. Students will learn to incorporate type and imagery into creative projects, such as brochures, print publications and posters.

### **GR DES 35, Sketching For Graphic Design** **2 units**

Transfer: CSU

This studio course is an introduction to sketching fundamentals for Graphic Design and focuses on sketching as an element of the design process. The course includes sketching and drawing principles and techniques such as observation, attention to format and proportion, perspective and composition. Students will develop and practice techniques employed by working designers to quickly create sketches for concept, storytelling, layout, prototyping, and presentation to design teams and clients.

### **GR DES 38, Digital Illustration 1** **4 units**

Transfer: CSU

- *Advisory: Graphic Design 35.*

This computer course is designed for students interested in the computer as a digital illustration tool and covers the basics of computer illustration and its use in print and web-based media. Students will create vector-based artwork, manipulate type and learn how to create dynamic content and illustrations for print and online delivery using an industry standard application, Adobe Illustrator. This course also explores fundamental design concepts and finding creative solutions using Illustrator's multiplicity of tools.

### **GR DES 41, Graphic Design Studio 2** **2 units**

Transfer: CSU

- *Advisory: Graphic Design 31.*

This studio course introduces the application of graphic identity designs to corporate identity programs, retail identity systems, and other uses, primarily in 2D. With an emphasis on visual problem-solving strategies, students will generate design criteria research, analysis, design implications, and design system development. This is the second in a sequence of three courses.

### **GR DES 43, Typography Design 2** **2 units**

Transfer: CSU

- *Advisory: Graphic Design 33.*

This studio design course provides a survey of typography history and current design directions to inspire the development of dynamic, contemporary typographic compositions. With an emphasis on visual communication strategies, students will explore the metaphoric and stylistic refinement of text—the fundamental element of graphic design style. This is the second in a sequence of two courses.

### **GR DES 44, Publication and Page Design 2** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 34.*

A continuation of Graphic Design 34, this computer course stresses the use of graphic design computer applications to develop professional solutions to more complex page layout and electronic publishing design problems. Topics include advanced typographic controls and specification, long document management, professional output solutions, the essentials of InDesign's XML capabilities and the creation of interactive documents for online distribution.

### **GR DES 50, Graphic Design Portfolio and Professional Practices** **2 units**

Transfer: CSU

- *Advisory: Graphic Design 33 and 66.*

This studio course focuses on the development of an effective communication design portfolio and addresses the process of building a portfolio that meets the current professional industry standards for presenting work to potential employers and clients. Emphasis is placed on developing a portfolio that displays a comprehensive understanding of what industry is looking for in a designer or what is needed to transfer. This course also covers professional practices for designers including information regarding freelancing and working with clients.

### **GR DES 51, Graphic Design Studio 3** **2 units**

Transfer: CSU

- *Advisory: Graphic Design 41.*

This studio course introduces the development of multifaceted promotional design programs with applications in 2-D and 3-D. With an emphasis on unifying concepts, students will create comprehensive design programs which may include print, packaging, advertising, media, and environments. This is the third in a sequence of three courses.

### **GR DES 54, Digital Illustration 2** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 38.*

Created for students interested in the computer as an illustration tool, this extension of Graphic Design 38 begins with simple black and white drawings and progresses to advanced techniques for more involved, multi-layered color illustrations. This class is taught with Macintosh computers.

### **GR DES 60, Design Research** **2 units**

Transfer: CSU

Design research allows designers to avoid making decisions based on personal opinion and to make decisions based on true user needs. This course will cover how to plan and conduct design research to uncover user needs and issues. Students will build their understanding of the design research process and will exit with the ability to develop and manage their own design research projects in client and professional environments. Additionally, students will build a small portfolio of real-world, user-centered design research documents that will enable them to demonstrate their research experience to both clients and employers.

### **GR DES 61, User Experience Design 1** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 65.*

User Experience Design (UX) focuses on the quality of experience a person has when interacting with a specific design. A UX Designer focuses on the needs and wants of the user, as well as ease-of-use, and designs for the best possible

user experience. This course will cover the design process, documentation, and tools used within the UX field. Topics include user research, information architecture, interaction design, prototyping, and usability testing. Following a design process, students will collaborate to research, critique, and design a project that includes prototyping and user-testing.

### **GR DES 62, User Experience Design 2** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 61.*

This course will use knowledge acquired in User Experience Design 1 to research, critique, and design a project using UX methodologies at an advanced level. This class will cover the process, techniques and artifacts used within the UX field. Topics include qualitative versus quantitative research, interface design, interaction design, prototyping, and usability testing. Following a design process, students will collaborate to research, critique, and design a project using techniques such as storyboards, personas, experience/ journey maps, card sorting, mental models, and collaborative design to prototype and test with users.

### **GR DES 64, Digital Imaging for Design** **3 units**

Transfer: CSU

*Formerly same course as Entertainment Technology 37.*

Using Adobe Photoshop, this computer class teaches students how to scan, manipulate, and enhance digital images for graphic reproduction and use on the web. Includes retouching, color adjustment and color correction techniques.

### **GR DES 65, Web Design 1** **2 units**

Transfer: CSU

- *Advisory: Graphic Design 18 or Entertainment Technology 11.*

This design course is an introduction to web design for students with a basic knowledge of computers and graphic design applications. Students will learn to think critically about contemporary web design and apply basic design principles. Components of web design such as the grid, color, navigation, composition, and typography will be discussed. Other topics include web hosting, file management, FTP, target audience, design process, site maps, optimizing images, HTML, CSS, and the basics of responsive web design. Students will design and build a website.

### **GR DES 66, Web Design 2** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 61, 64, and 65.*

*Formerly Entertainment Technology 16.*

This design course builds on the design concepts and fundamentals covered in Graphic Design 65 and focuses on best practices for the design and production of responsive websites. Design issues such as design process, understanding the user, web typography and design prototyping will be addressed. Technical topics include HTML5, CSS3, responsive web design, embedded fonts and media. Students will design and create a website from start to finish utilizing the skills learned in this course.

### **GR DES 67, Web Design 3** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 61 and Graphic Design 66.*

This advanced project-based web design course builds on the design concepts and technical knowledge acquired in Graphic Design 66 and focuses on designing and building a commercial-quality website. Working in teams, students will participate in the design and production of a medium-sized website. Students will go through the design process from research to launch and discuss how to best work with a client. Technical issues addressed include HTML and CSS, content management systems, responsive design, and site maintenance. Students will conceptualize, design, and produce a complete commercial-quality website.

### **GR DES 71, Motion Graphics 1** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 33 and 64.*

*Formerly Entertainment Technology 58.*

This hands-on course focuses on communication design for motion. Students will conceptualize, design and produce visual communication solutions using motion. Motion Graphics is a form of communication with a range of applications: film, television, communication design, branding, advertising and web. Projects will cover best practices for animation and visual effects in broadcast design, film titles, and video production by combining narrative storytelling, graphics and typography.

### **GR DES 71B, Motion Graphics 2** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 71.*

*Formerly Entertainment Technology 59.*

This hands-on course focuses on communication design and common professional uses of advanced motion graphics. Students will conceptualize, design and produce innovative time-based visual communication solutions using motion design theory and techniques. Exploring a wide range of applications (film, web, television, communication design, branding and advertising), students will create projects with advanced techniques for animation and visual effects in broadcast design, film titles and video production by combining typography, graphics and narrative storytelling.

### **GR DES 75, Mobile Design 1** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 61 and 66.*

This design course focuses on designing for mobile touch-screen interfaces including smartphones and tablets. Mobile design requires the skill of designing for smaller, hand-held devices and has its own set of characteristics and constraints. Students will conceptualize, design, and implement low-fidelity design prototypes of apps for mobile devices. Projects will cover best practices for designing for mobile devices and will cover the basics of mobile app prototyping including design process, interface design, and interaction design patterns.

*This course is not a mobile app development or programming course. For such courses, please see our Computer Science course offerings.*

### **GR DES 76, Mobile Design 2** **3 units**

Transfer: CSU

- *Advisory: Graphic Design 61 and 75.*

This design course focuses on designing apps for mobile touchscreen devices including smartphones and tablets. This class will use knowledge acquired in Mobile Design 1 to conceptualize, design, and implement interactive design

prototypes for mobile devices at an intermediate level. Projects will include designing, user testing, and creating mobile app design prototypes.

*This course is not a mobile app development or programming course. For such courses, please see our Computer Science course offerings.*

### **GR DES 88A, Independent Studies in Graphic Design** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **GR DES 88B, Independent Studies in Graphic Design** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

### **GR DES 90A, Internship** **1 unit**

Transfer: CSU

Please see "Internships" section.

### **GR DES 90B, Internship** **2 units**

Transfer: CSU

Please see "Internships" section.

### **GR DES 90C, Internship** **3 units**

Transfer: CSU

Please see "Internships" section.

## **Health Education**

See also Kinesiology Physical Education Professional Courses PRO CR 12 for training in first aid and water safety, and First Aid HEALTH 11 for training in CPR.

### **HEALTH 10, Fundamentals of Healthful Living** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is designed to explore and develop approaches to, and perspectives of, healthful living. Topics include but are not limited to: dimensions of wellness, stress management, nutrition, physical activity and exercise, behavioral health, aging, and strategies for establishing and maintaining a healthy lifestyle.

### **HEALTH 11, First Aid and Cardio-Pulmonary Resuscitation** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

A course in adult and child CPR (cardio-pulmonary resuscitation), AED (Automated External Defibrillator) and basic first aid. This course will cover emergency care of the ill and/or injured, including; recognizing and treating life threatening emergencies such as breathing, choking, cardiac emergencies, severe bleeding, and shock. The treatment of soft tissue injuries like burns, musculoskeletal, head, neck, and back injuries, as well as the treatment of medical emergencies such as sudden illness, poisonings, hypothermia and hyperthermia will be covered in this course. Upon successful course completion, American Red Cross first aid certificates and CPR certificates are awarded to students. *Additional fees apply for students wishing to pursue American Red Cross certification.*



**HEALTH 60, Multicultural Health and Healing Practices****3 units**

Transfer: CSU

- *Prerequisite: None.*

*Satisfies Global Citizenship*

This course introduces the student to the health and healing beliefs and practices among people from culturally diverse backgrounds. Cultural concepts applicable to health and wellness behavior are examined. The health, healing beliefs and practices of select American cultural groups: Native, Asian, African, Latino, and European, will be studied in the larger context of the American health care delivery system.

*HEALTH 60 is the same course as NURSNG 60. Students may earn credit for one but not both.*

**HEALTH 70, Integrative Health****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course introduces the field of Integrative Health as it is practiced in modern healthcare settings. Integrative Health addresses wellness of the whole person: body, mind, and spirit. The course will explore the major domains of Integrative Health, and the philosophies of health and healing that unite all of these domains. Topics include current education, practice, and research in natural products, mind-body-spirit therapies, manipulative and body based therapies, energy therapies, and global perspectives of Integrative Health practice.

## Health - Noncredit

The following courses are noncredit and free. They do NOT carry academic credit.

**HEALTH 900, Introduction to the Career of a Rehabilitation Therapy Aide****0 units**

This course introduces students to the field of rehabilitation therapy, including occupational, physical and speech therapy. It explores the history, ethics and common practice of these fields, especially focusing on the roles and responsibilities of rehabilitation aides.

**HEALTH 902, Clinical Practice for a Rehabilitation Therapy Aide****0 units**

This course introduces students to the practice of a rehabilitation therapy aide, including occupational, physical and speech therapy aides. Students will learn the essential job duties of a rehabilitation aide and have clinical hands-on experience.

**HEALTH 904, Kinesiology for a Rehabilitation Therapy Aide****0 units**

This course introduces students to basic skeletal anatomy, body mechanics and kinesiological terms used in the field of rehabilitation therapy, including physical, occupational, and speech therapy.

## Health Occupations

See also Occupational Therapy, Respiratory Therapy, and Nursing. For Inhalation Therapy see Respiratory Therapy.

RN Nurses who take Continuing Education courses at SMC use BRN provider #01050.

**HEALTH 61, Medical Terminology****3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is designed to build the student's medical and professional vocabulary as required for a career in the medical field or allied health sciences. Students undertake a comprehensive study of medical terminology with an emphasis on determining meanings by dividing words into their component parts. An overview of anatomy by each body system, including diagnostic, pathologic, therapeutic, surgical and pharmacologic terminology is completed. Common clinical procedures, laboratory tests and abbreviations are also included.

## Hebrew

Additional hours to be arranged in the Modern Language Lab for Elementary Hebrew. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

**HEBREW 1, Elementary Hebrew I****5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

This course teaches the primary fundamentals of classical and modern Hebrew. Grammar and pronunciation, as well as reading and writing skills are developed. The approach is modified audio-lingual utilizing both spoken and written Hebrew. Examples are taken from traditional sources and modern Israeli culture and customs. Language laboratory is required.

**HEBREW 2, Elementary Hebrew II****5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Hebrew 1\*.*

This course completes instruction in the essential fundamentals of the Hebrew language. Reading, writing, pronunciation, and advanced grammar are taught. Examples are taken from both traditional sources and modern Israeli culture and customs. Language lab is required.

*\*The advisory for this course is comparable to two years of high school Hebrew.*

**HEBREW 3, Intermediate Hebrew 1****5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Hebrew 2\*.*

This course covers the linguistic, cultural and historical elements that are essential for acquiring Hebrew language at the intermediate level. Class discussions, writing assignments and tests are based on a variety of literary, cultural and historical readings and materials. This course provides an in depth review of the Hebrew grammar, verb system, idioms and vocabulary. Students develop more sophisticated and structurally advanced writing skills. This course is

taught in Hebrew except in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to three years of high school Hebrew.*

### **HEBREW 4, Intermediate Hebrew 2** **5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Hebrew 3\*.*

This course covers the linguistic, cultural and historical elements that are essential for acquiring Hebrew language at the high intermediate level. Class discussions, writing assignments and tests are based on a variety of films and readings from diverse literary genres. This course provides an in depth review of the Hebrew grammar, verb system, idioms and vocabulary. Students refine their writing skills. This course is taught in Hebrew except in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to four years of high school Hebrew.*

### **HEBREW 8, Conversational Hebrew** **2 units**

Transfer: UC, CSU

- *Prerequisite: Hebrew 2.*

This course provides an opportunity for students to acquire intermediate fluency in spoken Hebrew with emphasis on natural, colloquial usage.

## **History**

### **HIST 1, History of Western Civilization I** **3 units**

Transfer: UC, CSU

C-ID: HIST 170.

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the development of Western Civilization from its beginnings in the valleys of the Tigris-Euphrates and Nile Rivers to Europe of the 16th century. It addresses cultures of the Near East, Greece, and Rome; the medieval period; the Renaissance; and the Reformation, introducing the social, economic, political, intellectual, and artistic transformations that shaped what came to be known as the West.

### **HIST 2, History of Western Civilization II** **3 units**

Transfer: UC, CSU

C-ID: HIST 180.

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the transformations of Western Civilization from the 16th century into the 21st century. It addresses social, economic, political, intellectual, and artistic transformations that relate to the development of nation-states, industrialization, imperialism, and international conflicts and migration.

### **HIST 3, British Civilization I** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*

- *Skills Advisory: Eligibility for English 1.*

This course surveys the development of British Civilization from Roman times to the Restoration of 1660. It addresses the significant social, economic, political, intellectual, and artistic transformations that shaped British and Irish history, from Roman occupation through the medieval period and the political and religious upheavals of the English Reformation, Civil Wars, and Restoration.

### **HIST 4, British Civilization II** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the development of British Civilization from the Restoration of 1660 into the early twenty-first century. It addresses the significant social, economic, political, intellectual, and artistic transformations that shaped British and Irish history, including the development of a constitutional monarchy, the industrial revolution, establishment of a global empire, Irish independence, involvement in world wars, the emergence of Thatcher conservatism, and beyond.

### **HIST 5, History of Latin America 1** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the history of Latin America, from its pre-Columbian origins to the end of the colonial period in the early nineteenth century. Using a thematic and chronological approach, it addresses the initial encounters between pre-Columbians, Iberians, and West Africans; the subsequent development of Iberian political, economic, social, and cultural colonialism; and the movements for political change.

### **HIST 6, History of Latin America 2** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys modern Latin American history from independence to the present. Using a thematic and chronological approach, it addresses post-colonial developments in Mexico, Central and South America, and the Caribbean, including such topics as the social and cultural challenges of nation-building and economic growth through periods of political conflict to contemporary globalization.

### **HIST 10, Ethnicity and American Culture** **3 units**

Transfer: UC (meets UC Berkeley American Cultures graduation requirement), CSU

*IGETC AREA 3B (Humanities) or 4F (Social & Behavioral Sciences)*

*+ satisfies CSU U.S. History graduation requirement*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys ethnic groups in America from pre-contact to the present, including Native Americans, European Americans, African Americans, Asian Americans, and Latinos, emphasizing the forces prompting emigration and

immigration, their roles in shaping American society and culture, their reception by and adaptation to American society, as well as an examination of contending theoretical models of the immigrant experience in America.

### **HIST 11, United States History through Reconstruction** **3 units**

Transfer: UC, CSU

C-ID: HIST 130.

*IGETC AREA 3B (Humanities) or 4F (Social & Behavioral Sciences)*

+ satisfies CSU U.S. History graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the United States from the colonial period through post-Civil War Reconstruction, addressing developments in American culture; ethnic, racial, gender, and class relations; politics; and the economy. It also considers American interaction with other nations, including both foreign policy and the relationship of domestic developments to the larger history of the modern world.

### **HIST 12, The United States History Since Reconstruction** **3 units**

Transfer: UC, CSU

C-ID: HIST 140.

*IGETC AREA 3B (Humanities) or 4F (Social & Behavioral Sciences)*

+ satisfies CSU U.S. History graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the United States from post-Civil War Reconstruction to the present, addressing developments in American culture; ethnic, racial, gender, and class relations; politics; and the economy. It also considers American interaction with other nations, including both foreign policy and the relationship of domestic developments to the larger history of the modern world.

### **HIST 13, United States History after 1945** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course addresses political, social, cultural, economic, and international developments of the U.S. from 1945 to the present. Major topics include the emergence of political consensus then polarization, the economics and demographics of suburbanization, the Civil Rights movement; the Cold War, including the Vietnam War, and its aftermath; trends related to environmentalism, immigration, and technology, and responses to 9/11.

### **HIST 14, U.S. Environmental History** **3 units**

Transfer: UC, CSU

+ satisfies CSU U.S. History graduation requirement

*IGETC Area 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the environmental history of the United States from earliest human migration to the present, focusing on the complex and consequential ways people have perceived, relied on, interacted with, and been impacted by the natural world. Topics include diverse patterns of

interaction with land, water, plants, animals, and energy sources, as well as the economic, political, social, cultural, technological and global aspects of these patterns.

*History 14 is the same course as Environmental Studies 14. Students may earn credit for one, but not both.*

### **HIST 15, Economic History of the U.S.** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities) or 4 (Social and Behavioral Science)*

+ satisfies CSU U.S. History graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a chronological study of American economic history by major areas, including agriculture, industrial development, money, banking, and transportation. The roles of business, labor, and government are given a particular emphasis.

*History 15 is the same course as Economics 15. Students may earn credit for one, but not both.*

### **HIST 16, African-American History** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys African-American history from its beginnings in Africa through slavery, abolition, the Civil Rights movement, and into the present. The course will pay particular attention to the development of internal and external definitions of freedom and equality and to the influences of African Americans on the social, economic, political, and cultural development of the United States.

### **HIST 19, History of Mexico** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys Mexican history from pre-Columbian civilizations to the present. It addresses such major political, economic, social, and cultural developments as the Spanish conquest and colonial era; nineteenth-century struggles for independence; and political and economic transitions of the twentieth- and twenty-first centuries.

### **HIST 20, History of California** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys Californian history from its earliest settlement to the present. It addresses political, economic, social, cultural, and external developments that accompanied the state's transformation from the Native American through the Spanish, Mexican, and American periods.

### **HIST 21, History of Russia** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys Russian events from the Stone Age to the present, focusing on factors that have lead Russian leaders to build powerful, centralized governing institu-

tions, and of the efforts of the Russian intelligentsia to reform or topple those institutions. Since writers represent the soul of the intelligentsia, their novels, short stories, and poems will constitute the bulk of the reading assignments.

### **HIST 22, History of the Middle East** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the history of the Middle East, from the ancient civilizations of the Tigris-Euphrates river valley to the present. Major topics include the religious, ethnic, social and political differences that developed prior to and since the emergence of Islam; the establishment of new states following the world wars, and the 21st-century engagement with globalizing trends.

### **HIST 24, History of East Asia to 1600** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys East Asian history to 1600, tracing the rise of classical Chinese civilization and the subsequent dispersion of this culture to Korea and Japan. Addressing the connections, convergences, and divergences in the histories of China, Japan, and Korea, it examines such topics as the earliest state-formations and the emergence and maturation of market economies and popular cultures prior to the modern era.

### **HIST 25, History of East Asia Since 1600** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the development of China, Japan, and Korea from 1600 through their linked yet distinct modern transformations. It addresses such topics as early encounters with imperialism; divergent paths of 20th-century social, political, economic and intellectual change; world war, civil wars, and revolution; and their economic growth and social transformation in recent decades.

### **HIST 26, South Asian Civilization I** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys South Asian history from the Indus Valley civilization to the Mughal Empire, offering an overview of the social, intellectual, cultural, political and economic patterns in the region that encompasses modern India, Pakistan, Bangladesh, Sri Lanka and Nepal. It highlights such major themes and events in the development of South Asian civilization as Aryan influence, the emergence of Hinduism and Buddhism, and the impact of Islam.

### **HIST 27, History of Southeast Asia** **3 units**

Transfer: UC (pending), CSU

- *Skills Advisory: Eligibility for English 1.*

This course surveys Southeast Asian history up to the present. It examines topics such as religion and cultural change;

women and gender; colonialism, decolonization, and the Cold War; economic and environmental change, within a regional and global context.

### **HIST 28, Modern Europe: 1914 to the Present** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course examines the domestic and global politics of and between European states since 1914, exploring such topics as nationalism, imperialism, totalitarianism, decolonization, migrations, and European integration. The course will analyze these topics in relation to major events of the time period, including the World Wars, formation and collapse of the Soviet Union and its satellite system, creation of the European Union, and disputes and cooperation between European states in the contemporary era of globalization.

### **HIST 29, Jewish History** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the Jewish people and their history from biblical times to the present. The focus is on the development of major institutions, ideas, religious and cultural movements as well as the interaction between Jews and those amongst whom they have lived, from ancient Israel through the global diaspora.

### **HIST 32, Global Environmental History** **3 units**

Transfer: UC, CSU

*IGETC Area 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys global environmental history from early human evolution to the present, focusing on the complex and consequential ways people have perceived, relied on, interacted with and been impacted by the natural world. Topics include the diverse patterns of interaction with land, water, plants, animals, and energy sources, as well as their economic, political, social, cultural, and technological aspects in the local, regional, and global context. *History 32 is the same course as Environmental Studies 32. Students may earn credit for one, but not both.*

### **HIST 33, World Civilizations I** **3 units**

Transfer: UC, CSU

C-ID: HIST 150.

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys world history from the rise of humanity to 1500, addressing human impact on the physical environment, the domestication of plants and animals, and the establishment of complex cultures. A thematic and chronological approach is used to examine the major civilizations of Africa, Asia, the Middle East, the Americas, and Europe in terms of their political, social, economic, intellectual, and cultural development and their inter-regional relations.



**HIST 34, World Civilizations II****3 units**

Transfer: UC, CSU  
C-ID: HIST 160.

*IGETC AREA 3B (Humanities)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys world history from 1500 to the present, addressing major developments that contributed to global change. A thematic and chronological approach will be used to examine the economic, social, intellectual, cultural, and political transformations associated with development of and resistance to colonialism and imperialism, technological and industrial change in Africa, the Americas, Asia, Europe, and the Middle East, through the twentieth-century wars and global transitions that shape the contemporary world.

**HIST 38, African History I****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the political, economic, social, religious, and intellectual activities of African civilizations from the emergence of humankind to the eve of colonial conquest. It addresses such topics as early human settlements, the establishment of regional and Islamic states, the emergence and development of European imperialism, and African independence movements. It also traces the influence of the African diaspora on the Caribbean area and Brazil.

**HIST 39, African History II****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys African history from the eve of 1900 to the present, addressing such topics as African resistance to conquest; experiences with colonialism; settler colonialism in southern Africa; the rise of national liberation movements and achievement of independence, and the challenges of post-colonial nation building. It examines contemporary Africa through a review of economic, urban, rural, gender, and environmental concerns; kinship, and religion.

**HIST 41, Native-American History****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

+ *satisfies CSU U.S. History graduation requirement*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys Native-American history from earliest settlement to the present, addressing such topics as colonial-era interactions with Europeans, the development of U.S. Indian policy, and the effort to reclaim sovereign rights. Focusing primarily on native peoples of the United States, this course pays particular attention to the development of internal and external definitions of freedom and equality and to the influence of Native Americans on the social, economic, political, and cultural development of America.

**HIST 42, The Latina/o Experience in the United States****3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course provides a comparative historical survey of the political, cultural, social, and economic experiences of Latinos/as in the United States, concentrating on major demographic groups. Topics include migration and immigrant settlement, economic integration, and the formation of group identities among and politicization of Chicanos, Central Americans, and Cuban, Puerto Rican, and other Caribbean Americans.

**HIST 43, Mexican-American History****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the history of the US Southwest from Native-American settlement through the periods of foreign colonization and conquest to contemporary times. Focusing primarily on Mexican Americans in this border region and, more currently, throughout the nation, the course pays particular attention to the development of internal and external definitions of freedom and equality and to the influence of Mexican Americans on the social, economic, political, and cultural development of America.

**HIST 47, The Practice of History****3 units**

Transfer: UC, CSU

*IGETC Area 1B (Critical Thinking) OR 4F (Social and Behavioral Sciences)*

- *Prerequisite: English 1.*

This course presents an overview of historians' methods of research, critical analysis, and written argumentation and introduces historiography and historical theory. Students will apply these methods through a variety of extensive writing projects, leading to a properly documented academic research paper. The research component of the course strengthens students' information competency skills.

**HIST 52, The History of Women in American Culture****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the history of American women from diverse communities, from the fifteenth century through the modern women's movement to the present. It addresses such topics as traditional gender roles; their transformation through war, industrialization, reform movements, and cultural modernity; and relationships between women of different races and ethnicities. The course will pay particular attention to the development of internal and external definitions of freedom and equality and to women's influence on the social, economic, political, and cultural development of the United States.

**HIST 53, The History of Religion****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*

- *Skills Advisory: Eligibility for English 1.*

This course surveys major themes and trends in the history of religion from prehistoric times to the present. Analyzing the essential principles and global historical context of such religions as Buddhism, Taoism, Confucianism, Shinto, Hinduism, Judaism, Christianity, Islam, and tribal and contemporary religions, it addresses the cultural, political, social and other roles religion has played throughout history.

### **HIST 55, History of Science** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities) or 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course surveys the history of science from its earliest beginnings through the theories of the ancient Greeks to contemporary debates. Examining major scientific paradigms, it focuses on how the natural and physical sciences developed in specific philosophical, political, religious, and social contexts.

### **HIST 62, Asian-American History** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

A survey of Asian American history from the immigration period to the present, this course stresses the political, economic, social, and cultural factors which affected Asian Americans and their impact on U.S. history.

### **HIST 88A, Independent Studies in History** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **HIST 88B, Independent Studies in History** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

### **HIST 90A, Internship in History** **1 unit**

Transfer: CSU

Please see "Internships" section.

## **Humanities**

### **HUM 26, Introduction to the Humanities** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: English 1.*

In this introduction to the humanities students will survey literature in conjunction with great works of art through the ages (painting, sculpture, music, architecture, dance) exploring how, at widely separated points in time, artists and writers have expressed and responded to cultural, political, and intellectual concerns of their day. In doing so, they will see literature in the context of other art forms. *Humanities 26 is the same course as English 26. Credit may be earned for one, but not both.*

### **HUM 28S, Contemporary Life in China** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course offers an introduction to the social, cultural, economic, and political patterns of life in today's People's Republic of China. Study tours to local centers of Chinese culture or to the People's Republic; plays; seminar discussions; readings; and other cultural opportunities will be utilized to understand contemporary China.

### **HUM 88A, Independent Studies in Humanities** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **HUM 88B, Independent Studies in Humanities** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

## **Independent Studies**

Independent study is intended for advanced students interested in doing independent research on special study topics. To be eligible, a student must demonstrate to the department chairperson the competence to do independent study. To apply for Independent Studies, the student is required, in a petition that may be obtained from the department chair, to state objectives to be achieved, activities and procedures to accomplish the study project, and the means by which the supervising instructor may assess accomplishment. Please see discipline listing for details. A maximum of six units of independent studies is allowed. Granting of UC transfer credit for an Independent Studies course is contingent upon an evaluation of the course outline by a UC campus.

## **Interaction Design**

The following courses are upper division courses that are part of Santa Monica College's Bachelor of Science degree program in Interaction Design. Enrollment is limited to admitted program participants. For more information, please see [smcixd.org](http://smcixd.org). Transferability of these courses will be determined on a case-by-case basis by the transfer institution.

### **IXD 310, Interaction Design Studio 1** **3 units**

Transfer: CSU

- *Prerequisite: Admission to the Bachelor of Science in Interaction Design.*

With the prevalence of the computer in contemporary culture, Interaction Design has emerged as a practice that determines how people engage with technology. This course examines the specific field of Interaction Design; its history, human-centered design principles, and screen-based interaction patterns. Students learn how to design the behavior of interactive digital interfaces and gain an understanding of how design decisions impact a user's experience and the overall success of a product. Students analyze historical examples, contemporary user interfaces, and their own designs. Students also learn how to design, justify, and articulate using human-centered design principles and screen-based interaction patterns.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 330, Interaction Design Studio 2** **3 units**

Transfer: CSU

- *Prerequisite: Interaction Design 310.*

Microinteractions, found in every user interface, are designed moments (e.g. log in, copy and paste, on or off) that are an integral part of every interface. This course reveals these seemingly invisible interactive controls, providing an overview of specific platforms, paradigms, and affordances. The studio prepares students to create task oriented end-to-end user experiences and interaction flows. Students learn how to design at the micro scale, exploring appropriate forms, states, feedback, and loops based on different contexts and user goals. Through iterative methodologies, students learn to refine the details of a specific feature interaction. Collaborating directly with users and fellow classmates, students prototype, critique, and test existing interaction examples and their own micro-interaction designs. Students develop a critical understanding of how interactive forms communicate and influence a user's behavior.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 350, Interactive Storytelling** **3 units**

Transfer: CSU

- *Prerequisite: Admission to the Bachelor of Science in Interaction Design.*

This design course focuses on the storytelling component of interaction design with a special focus on prototyping and motion graphics. Exploring different types of prototyping, from paper prototypes to digital, screen-based prototypes (e.g. web-based tools, video prototypes), students use storytelling to describe experiences in interaction design. Students use a hands-on approach to design a better experience for end users by sketching, storytelling, experimenting, making and testing. Students create prototypes at different levels of fidelity using appropriate tools and technologies.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 360, Product Design** **3 units**

Transfer: CSU

- *Prerequisite: Interaction Design 350.*

This course provides a hands-on introductory experience to the history, contemporary methodologies, and emerging practices of Product Design. This studio teaches students to think through "making" and includes in-class workshops on 3D modeling and rapid-prototyping. Students cross design disciplines and toolsets, using 3D forms to solve problems, act out new capabilities, and connect to other devices, objects, and people. The projects in this course are fast-paced, collaborative, and experimental.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 370, Design for Community Change** **3 units**

Transfer: CSU

- *Prerequisite: Interaction Design 330.*

In this course, students work with a variety of organizations addressing a community need to design and develop a project with social impact. Students apply a variety of user experience and interaction design skill sets to work collaboratively with community stakeholders in identifying and helping to solve a need. Through this experience, students recognize and demonstrate many interaction design practices related to research, analysis, concept, design and prototyping to work on a project designed to serve a community need.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 410, Project Management for Design** **2 units**

Transfer: CSU

- *Prerequisite: Admission to the Bachelor of Science in Interaction Design.*

This course contextualizes project management for interaction designers. Project Management for Design provides a comprehensive overview of current design development processes and tools used to successfully deliver a high-quality project on time. Students will learn to clearly communicate with clients and manage the design process while integrating design objectives into the overall development timeline. Students will develop leadership skills, learn to plan, organize, motivate, and control resources based on project goals.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 430, Interaction Design Studio 3** **3 units**

Transfer: CSU

- *Prerequisite: Interaction Design 330.*

Students design for the complexities of large scale systems, services, and digital networks. The course provides a survey of current system design, information architecture, and topics in interaction design such as The Internet of Things. Working in teams modeled after professional studios, students conduct exploratory ethnographic research to form novel strategies, concepts, maps, user narratives, and models for our increasingly complex world of networked objects, spaces, and people. This course encourages students to leverage team brainstorms and critiques in order to develop consistency through an entire ecosystem.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 450, Interaction Design Portfolio** **2 units**

Transfer: CSU

- *Prerequisite: Interaction Design 430.*

This course provides the interaction design student the opportunity to develop work under the supervision of the instructor on a one-to-one basis and to develop the skill to talk about their body of work in a professional setting. Emphasis is placed on developing a portfolio that displays a comprehensive understanding of industry expectations for a UX/interaction designer.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 460, Tangible Interaction** **3 units**

Transfer: CSU

- *Prerequisite: Interaction Design 360.*

Students explore the design of user interfaces that blend digital and physical interactions. Working with creative technologies such as microcontrollers, sensors, and actuators, students create functional prototypes that explore new interaction techniques, principles, and strategies. This course immerses students into prototyping through hands-on class workshops and research into contemporary examples such as the Internet of Things, Smart Objects, and Voice User Interface (VUI). Students explore the expressive capabilities of technology through user observations, affordances, and converting physical action into digital information.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 470, Interaction Design Senior Studio** **3 units**

Transfer: CSU

- *Prerequisite: Interaction Design 430; Prerequisite/ Corequisite: Interaction Design 410 (Interaction Design 410 can be taken concurrently with Interaction Design 470).*

This course focuses on an industry-sponsored project in which students use their integrated skills to create a forward-looking design in response to a real-world brief provided by the industry partner in collaboration with the faculty. This is a capstone course where students work in small teams and build on the knowledge and skills they acquired in earlier course work. The course is organized around a project that requires student teams to explore various design concepts and alternatives as well as explore recent practices, tools, and systems that may be related to the project. Students will design and produce a prototype as part of a team. Considering the pace of the development of the project, this requires students to engage in a considerable amount of independent as well as team-based learning.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 491, Interaction Design Internship** **1 unit**

Transfer: CSU

- *Prerequisite: Admission to the Bachelor of Science in Interaction Design.*

This internship program provides students with the opportunity to work with a local firm to apply UX/IxD principles. Students become acquainted with the career fields in user experience design and interaction design by working in a professional design, entertainment, or technology company. Students spend a minimum of 60 hours during the term under the supervision of a design professional. Learning objectives and exit internship evaluation are required. Limited availability.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 492, Interaction Design Internship** **2 units**

Transfer: CSU

- *Prerequisite: Admission to the Bachelor of Science in Interaction Design.*

In this internship program, students will work with a local firm to apply UX/IxD principles. Students become acquainted with the career fields in user experience design and interaction design by working in a professional design, entertainment, or technology company. Students spend a minimum of 120 hours during the term under the supervision of a design professional. Learning objectives and exit internship evaluation are required. Limited availability.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

### **IXD 493, Interaction Design Internship** **3 units**

Transfer: CSU

- *Prerequisite: Admission to the Bachelor of Science in Interaction Design.*

In this internship program, students will work with a local firm to apply UX/IxD principles. Students become acquainted with the career fields in user experience design and interaction design by working in a professional design, entertainment, or technology company. Students spend a minimum of 180 hours during the term under the supervision of a design professional. Learning objectives and exit internship evaluation are required. Limited availability.

*This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See [smcixd.org](http://smcixd.org) for more information.*

## **Interior Architectural Design**

### **INTARC 28A, Visual Studies 1** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

*Formerly INTARC 32.*

This course is an introduction to basic hand drawing skills. Students will learn plans, elevations, sections, architectural symbols and the basics of manual perspective drawings. Students will produce a set of construction drawings of an interior space.

### **INTARC 28B, Visual Studies 2** **3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 28A.*

*Formerly INTARC 28.*

This course is an introduction to 3D drawing for interior architectural designers. The emphasis is on simplified systems of linear perspective drawing and the fundamentals of quick sketching. Studies include an introduction to perspective and rendering of interior installations through the use of size, scale, and shading relationship to show depth and 3D form in furniture and interiors.

### **INTARC 29, Computer Skills for Interior Architectural Design** **3 units**

Transfer: CSU

- *Prerequisite: None.*



This introductory course covers the use of the computer as a tool for Interior Architectural Design in illustration, drafting, design and presentations. Students will gain basic computer literacy while being exposed to a variety of digital applications used in the field of Interior Design.

*This course uses Google Sketch Up, Autodesk AutoCAD, Autodesk Revit, and Adobe Photoshop.*

### **INTARC 30, Principles of Interior Architectural Design** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is an introduction to the fundamentals of interior architectural design. Through a series of lectures you will learn the basics of design elements and principles in planning total interior environments that meet individual, functional, legal and environmental needs. We will identify and evaluate subject matters such as color theory, lighting, materials, and furnishing for an interior space.

### **INTARC 31, Interior Architectural Design Studio 1** **3 units**

Transfer: CSU

- *Corequisite: Interior Architectural Design 28A (formerly 32).*

The first in a sequence of design studio courses introducing the concepts and theories of beginning interior architectural design. Students will explore interior design process through: space planning, universal design, human factors, codes, color and finishes. Students will explore design ideation through hand drawings. This studio course emphasizes individual solutions, class and instructor critiques and projects for portfolio presentation.

### **INTARC 33, Interior Architectural Design Career and Portfolio** **3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 40.*

This lecture course examines the Interior Architectural Design profession, industry, related occupations, and work sites. The course emphasizes personal, educational, and professional qualifications required for entry into the Interior Architectural Design profession.

### **INTARC 34, 2D Color Theory** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course addresses basic color design theory and application. Students utilize tools, materials, and equipment to develop technical skills applicable to interior, architectural and other related fields of design. Students identify cultural heritages, the psychological implications of design and are introduced to Computer Palettes.

### **INTARC 34B, 3D Applied Design Theory** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course addresses basic 3 dimensional design theory and application. Students will create abstract 3D sculptures using construction materials through systematic design process.

### **INTARC 35, 2D Digital Drafting** **3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 29 or 28A (formerly 32).*

This lecture and lab course introduces the basic skills, uses, and techniques for computer-aided design and drafting as applied to Interior Architectural Design.

*This course uses Autodesk AutoCAD.*

### **INTARC 36, Interior Architectural Design Materials and Products** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course analyzes, applies, and evaluates products and materials used in Interior Architectural Design. Topics include interior, furnishings and finish materials and products.

### **INTARC 37, Set Design and Art Direction for Film and TV** **3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 28A (formerly 32).*

This lecture course examines the Motion Picture Industry as it relates to the Art Department of Film and TV, specifically focusing on the job of the Production Designer, Art Director, Set Decorator, and Set Designer. The course emphasizes personal, educational, and professional qualifications required for entry into the Motion Picture Industry as a professional Production Designer, Art Director, Set Decorator, and Set Designer.

### **INTARC 38, 3D Digital Drafting 1** **3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 35.*

This lecture and lab course teaches advanced skills in 2D and 3D digital drafting for Interior Architectural Design applications with an emphasis on BIM technology.

*This course uses Autodesk Revit.*

### **INTARC 39, Green Design for Interiors** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course provides a detailed introduction to the concepts, principles, systems, and materials of green design for interiors. Students learn compatible approaches to renewable, healthy and environmentally responsive design affecting the local and global client.

### **INTARC 40, Interior Architectural Design Studio 2** **3 units**

Transfer: CSU

- *Prerequisite: Interior Architectural Design 31.*
- *Advisory: Interior Architectural Design 38.*

The second in a sequence of design studio courses. Students will explore small design projects through: space planning, universal design, sustainable design, lighting systems, interior and architectural components, codes, color and finishes. Students will continue to explore design ideation through hand sketching and begin digital design presentations. This studio course emphasizes individual solutions, class and instructor critiques and projects for portfolio presentation.

**INTARC 41, History of Interior Architecture and Furnishings I 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is a comprehensive slide lecture study of furniture, architecture, decorative arts, and interiors from the major style periods of Antiquity through 18th Century France. Lectures concentrate on furniture styles, ornament, craftsmen, techniques, the evolution of the interior and its impact on current furniture styles. This class is directed toward careers in interior architectural design, furniture design and restoration, set design and art direction, historic preservation, and retail sales in residential and commercial design.

**INTARC 42, History of Interior Architecture and Furnishings II 3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 41.*

This course is a comprehensive slide lecture study of furniture, architecture, decorative arts, and interiors from the major style periods of the 19th Century through early 20th Century in Europe. Lectures concentrate on furniture styles, ornament, craftsmen, designers, techniques, the evolution of the interior and its impact on current furniture styles. This class is directed toward careers in interior architectural design, furniture design and restoration, set design and art direction, historic preservation, and retail sales in residential and commercial design.

**INTARC 44, Fundamentals of Lighting 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course studies architectural lighting as an integrated component of design for interiors. Lighting technology is explored with emphasis on the effect of light: intensity, direction, and color.

**INTARC 45, Interior Architectural Design Studio 3 3 units**

Transfer: CSU

- *Prerequisite: Interior Architectural Design 40.*

The third in a sequence of design studio courses. Students will explore complex design projects through multi-use projects. Universal design, sustainable design, lighting systems, building systems, codes, color and finishes will be integrated into research projects emphasizing a problem-solving approach. This studio course emphasizes individual solutions, class and instructor critiques and projects for portfolio presentation.

**INTARC 47, Business and Professional Practice 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course presents basic principles, procedures, and office systems necessary for the interior design professional. Lectures emphasize legal issues, project management, budgets, purchasing, billing, compensation, collection, and other business practices. The interaction of client, designer, supplier, and installer is also examined.

**INTARC 50, Building Systems and Codes 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course explores the components of interior construction and building systems and examines current building requirements including federal and local regulations, building codes and standards.

**INTARC 51, Rapid Visualization 3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 28B (formerly 28).*

This basic studio course offers the fundamentals of quick sketching, problems, and techniques. The course includes an introduction to perspective and rendering practice with an emphasis on sketching of proposed interior installations, and requires the development of portfolio projects.

**INTARC 52, Production Design for Film and TV 3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 28A (formerly 32) and 37.*

This studio course features hands-on skills in set design for film and TV. The course specifically focuses on design analysis, development, design, and presentation. Students learn to research and develop an individual project from script to screen. Students produce set designs for both a TV commercial and a film.

**INTARC 54, Universal Design for Interiors 3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 32.*

In this course students will study the practical design and modification of homes to provide basic universal access and criteria for people of all ages, throughout their lifetime, while incorporating style and a cost effective budget. Students analyze accessibility, usability and visitability features of various residential spaces, and learn to make informed decisions of the design features and specifications of home materials for lifelong, easy, independent living for clients.

**INTARC 57, 3D Digital Drafting 2 3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 38.*

This lecture/ lab course examines digital design concepts and techniques, including Building Information Modeling. The course explores systems integration, coordination, team work environments and design concept presentation in an interior architecture production environment. The course applies the use of a 3D workflow to represent and extract 2D, 3D and 4D information. The course also illustrates basic rendering techniques and virtual walkthroughs of the space.

*This course uses Autodesk Revit.*

**INTARC 62, 3D Visual Studies 3 units**

Transfer: CSU

- *Prerequisite: None.*

Students explore 3 dimensional methods of representation using digital media in interior architectural design. The emphasis is on critical representation and the use of design tools which merge traditional and digital techniques.

**INTARC 65, Digital Illustration for Interiors 3 units**

Transfer: CSU

- *Prerequisite: None.*

Students enrolling in this course should have basic computer skills.

This course covers the rendering of finished perspective drawings using digital media software such as Photoshop. Students explore interior materials, light, color, texture, and shadows for 3 dimensional form. The emphasis is on producing realistic effects in an interior setting.

*This course uses Google Sketch Up and Adobe Photoshop.*

### **INTARC 69, Custom Residential Design 3 units**

- *Advisory: Interior Architectural Design 51.*

This course applies the architectural interior design process to space planning, materials, finish choices, codes application, and specialized equipment unique to custom residential spaces.

### **INTARC 70, 3D Digital Rendering and Animation 3 units**

Transfer: CSU

- *Advisory: Interior Architectural Design 38.*

This is a studio course in 3D Computer Animation. It will cover computer animation in a virtual interior with an emphasis on lighting, textures, and camera angles. Students will create walk-throughs and digital 3D visual representations of interior spaces.

*This course uses Autodesk 3D Studio Max.*

### **INTARC 71, Contemporary Spatial Design Studies 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is a comprehensive visual/lecture study of 20th and 21st century spatial and interior design theory and practice from the turn of the 20th century through the most current international designs today. Emphasis is on design styles, materials, ornamentation, and techniques. Course is directed toward careers in interior design and related spatial design fields encompassing both residential and commercial projects.

### **INTARC 90A, Internship 1 unit**

Transfer: CSU

Please see "Internships" section.

### **INTARC 90B, Internship 2 units**

Transfer: CSU

Please see "Internships" section.

### **INTARC 90C, Internship 3 units**

Transfer: CSU

Please see "Internships" section.

### **INTARC 90D, Internship 4 units**

Transfer: CSU

Please see "Internships" section.

## **Internships**

The Internship Program at Santa Monica College makes it possible for students enhance their classroom learning and earn college credit by working in on and off campus jobs. Students must arrange an approved internship prior to enrolling in this class. Each unit of credit requires the student to work a minimum of 60 hour of unpaid (volunteer) work or 75 hours of paid work throughout the semester.

F-1 students must see the Immigration Coordinator at the International Education Center before enrolling. Students may enroll in a maximum of 4 units of internship per semester, and a total of 8 internship units may be applied toward the Associate degree. See a counselor for transfer credit limitations.

Internships are graded on a pass/no pass basis only.

Please see [smc.edu/internship](http://smc.edu/internship) for additional information and for the internship orientation schedule.

Go to [smc.edu/jobs4u](http://smc.edu/jobs4u) to find jobs and internships.

## **Italian**

Additional hours to be arranged in the Modern Language Lab for Elementary Italian. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

### **ITAL 1, Elementary Italian I 5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

Using the communicative approach, this course stresses the fundamentals of pronunciation, grammar, practical vocabulary, useful phrases, and the ability to understand, speak, read, and write simple Italian. Using fundamental sentence structures in the present and past tenses, students practice speaking and holding simple conversations in class and writing compositions. Lectures and discussions are included covering geography, customs and culture in Italy. The course is conducted in Italian except in cases of linguistic difficulty as determined by the professor. Language lab is required.

### **ITAL 2, Elementary Italian II 5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Italian 1\*.*

This course is a continuation of Italian 1 and completes the elementary grammar. The course stresses the fundamentals of pronunciation, grammar, practical vocabulary, useful phrases, and the ability to understand, speak, read, and write simple Italian. Using fundamental sentence structures in the present and past tenses, students practice speaking and holding simple conversations in class and writing compositions. The course includes the reading of simplified texts with emphasis on oral expression and further study of Italian history and culture. The course is conducted in Italian, except in the case of linguistic difficulty as determined by the professor. Language lab is required.

*\*The prerequisite for this course is comparable to two years of high school Italian.*

### **ITAL 3, Intermediate Italian I 5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Italian 2\*.*

This course is a review of Italian grammar with special emphasis on idiomatic constructions and expressions. It includes the study and reading, in and out of class, of

selected passages from Italian literature. Basic literary analysis and vocabulary building are developed using the selected readings. Emphasis is also placed on the use of learned structures in compositions. This course is conducted in Italian except in cases of linguistic difficulty as determined by the professor.

*\*The prerequisite for this course is comparable to three years of high school Italian*

#### **ITAL 4, Intermediate Italian 2** **5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Italian 3\*.*

This course reviews and refines grammatical concepts covered in the previous levels and further explores other moods and tenses such as the compound tenses, the imperative mood and indirect discourse. Culture, literature, vocabulary enhancement, and conversation are core elements of the curriculum. The course increases awareness of the Italian culture, history, literature, geography, and customs, including socio-political practices and cultural artifacts through reading and writing assignments, as well as oral presentations. It is taught in Italian except in cases of extreme difficulty as determined by the professor. It prepares students for literature and civilization classes.

*\*The prerequisite for this course is comparable to four years of high school Italian.*

#### **ITAL 8, Conversational Italian** **2 units**

Transfer: UC, CSU

- *Prerequisite: Italian 2.*

This course provides an opportunity to acquire intermediate fluency in spoken Italian with emphasis on natural, colloquial usage. New vocabulary and idiomatic phrases will be emphasized, and the students will hold conversations in Italian during each class. This course is conducted in Italian except in cases of linguistic difficulty as determined by the professor.

## **Japanese**

Additional hours to be arranged in the Modern Language Lab for Elementary Japanese. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

#### **JAPAN 1, Elementary Japanese I** **5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

This course, using a communicative approach, introduces the student to Japanese sentence structure, basic vocabulary, and the two Japanese phonetic scripts of Hiragana, Katakana, plus a selected number of Kanji. Students learn to ask and answer basic questions and write about simple actions in the present/future and past tenses. They also are introduced to important elements of Japanese culture and customs of the Japanese people. This course is taught in Japanese unless in cases of linguistic difficulty as determined by the professor. Language lab is required.

#### **JAPAN 2, Elementary Japanese II** **5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Japanese 1\*.*

This course is the continuation of Japanese 1. This course stresses more advanced vocabulary and more advanced sentence structures emphasizing short forms and te-forms. Students further develop oral and aural skills and reading comprehension skills by reading texts on various topics. They also hold conversations in both formal and informal styles of speech, and write compositions using short forms. This course also advances students' knowledge of Japanese culture and traditions. This course is taught in Japanese except in cases of linguistic difficulty as determined by the professor. Language lab is required.

*\*The advisory for this course is comparable to two years of high school Japanese.*

#### **JAPAN 3, Intermediate Japanese I** **5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Japanese 2\*.*

Focusing on four communication skills (listening, speaking, reading and writing), the course builds up a solid foundation for the Intermediate-Low Japanese, to achieve a practical command of language for managing everyday social interactions and routine tasks. The course also familiarizes students of different registers (spoken vs. written) and writing styles ("desu/masu" vs. essay). Reading materials include semi-authentic articles on specific topics and writing focuses on styles as well as multiple paragraph organization. Traditional and current aspects of the Japanese culture are explored throughout the course and studied in reading. This course is taught in Japanese unless in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to three years of high school Japanese.*

#### **JAPAN 4, Intermediate Japanese II** **5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Japanese 3\*.*

Focusing on four communication skills (listening, speaking, reading and writing), the course builds up a solid foundation for the intermediate-High Japanese and further develops proficiency to be able to manage relatively complex situations. The course also introduces honorific languages, in addition to colloquial informal register. The socially and culturally appropriate use of the language is exercised in a broader range of social contexts. Reading and writing put an extra emphasis on accuracy and pragmatic components as well as fluency. This course is taught in Japanese except in cases of linguistic difficulty as determined by the instructor.

*\*The advisory for this course is comparable to four years of high school Japanese.*

#### **JAPAN 8, Conversational Japanese** **2 units**

Transfer: UC, CSU

- *Prerequisite: Japanese 2.*



This course provides the student with an opportunity to increase fluency in spoken Japanese with an emphasis on natural, colloquial usage. This course is taught in Japanese except in cases of linguistic difficulty as determined by the professor.

### **JAPAN 9, Japan: Culture and Civilization** 3 units

Transfer: UC, CSU  
IGETC AREA 3B (Humanities)

- *Prerequisite: None.*

This course explores Japanese culture and civilization. Employing an interdisciplinary perspective, the course examines the fundamentals of Japanese culture and tradition including Japanese philosophy, religions, art forms, literature, cuisine, and language. The course will be taught in English. No knowledge of Japanese is required.

## **Journalism**

### **JOURN 1, The News** 3 units

Transfer: UC, CSU  
C-ID: JOUR 110.

- *Prerequisite: None.*
- *Advisory: Eligibility for English 1.*

An introductory course in planning stories, news gathering, organizing and writing news across multiple platforms. Students learn to report and write news stories based on their own reporting, including original interviews and research, and how to use AP style. Stories include both news and features, and may include covering events, public lectures, meetings and other local stories. Students will be made aware of legal and ethical issues related to journalism.

### **JOURN 2, Intermediate Newswriting and Reporting** 3 units

Transfer: CSU  
C-ID: JOUR 210.

An intermediate news writing and reporting class with a focus on public affairs beats, including local and regional governments, police, schools, courts and other civic agencies. Legal and ethical aspects of the profession are covered. Students will cover both on- and off-campus assignments and topics and explore reporting across multiple platforms

### **JOURN 4A, Newscasting and Newswriting** 3 units

Transfer: CSU  
• *Prerequisite: None.*

This course familiarizes the students with the expectations of journalism by the public and teaches the student the basic news writing guidelines used in broadcast journalism. Through news writing assignments and exercises, the student will become adept in basic broadcast news writing. *Journalism 4A is the same course as Media Studies 14. Students may earn credit for one, but not both.*

### **JOURN 8, Writing to Sell** 3 units

Transfer: CSU  
• *Prerequisite: None.*  
• *Advisory: English Assessment Group A.*

Students study article-writing opportunities for magazines, newspapers and online media. In this lecture and discus-

sion class, students write freelance articles for submission to commercial and campus publications.

### **JOURN 15, Introduction to Multimedia Storytelling** 3 units

Transfer: CSU  
C-ID: JOUR 120.

- *Prerequisite: None.*

This course provides an introduction to multimedia storytelling with a nonfiction focus. Students learn how to produce multimedia content such as digital videos, audio slideshows, blogs, web pages, podcasts and other emerging digital media content. The course trains students to produce multimedia content for an online news site such as The Corsair, but is also useful for students with a more casual interest in multimedia production. Students also learn about ethical and social issues affecting multimedia storytelling.

### **JOURN 16, Producing the Campus Newspaper** 4 units

Transfer: CSU  
C-ID: JOUR 130.

- *Prerequisite: None.*

Student media practicum and lab where students produce media content with a journalistic focus that is distributed regularly to the campus community. Students work on regular news and feature assignments to produce content across multiple platforms, including print, online, visual (photography) audio, video and emerging formats. Includes practical experience in design, visual storytelling, digital media production, and multimedia reporting. Student produced media with students as production leaders is central to the class.

### **JOURN 17, Editing the Campus Newspaper** 2 units

Transfer: CSU  
C-ID: JOUR 131.

- *Prerequisite: None.*
- *Advisory: Journalism 1.*

This course provides advanced instruction for student editors of the Corsair newspaper and its online edition. Students assign and copy edit stories and photos, work with writers and photographers on their assignments, design pages, "package" stories with graphics and photos, and solve ethical problems using accepted professional practices. Students will comprise the editing staff of the Corsair, including the editor in chief, page editors, copy editors, graphics editor, photo editor and online coordinator. Journalism 17 students may be concurrently enrolled in either Journalism 16 or Journalism 22/Photography 14. Journalism 17 may be repeated once for credit.

### **JOURN 18, Opinion Writing** 3 units

Transfer: CSU  
• *Prerequisite: Journalism 1.*

This course emphasizes techniques of presenting one's opinion persuasively for print and online formats. Students will write arts reviews as well as editorial page articles, columns and blogs.

### **JOURN 20, Producing Magazines for the Web** 3 units

Transfer: CSU  
• *Advisory: Eligibility for English 1.*

This course focuses on magazine production for the World Wide Web. Each student will create an interactive online

magazine (“eZine”). The magazine will incorporate principles of journalism as well as elements of the Internet medium, such as pictures, graphics, audio, and text, to create an interesting and informative multi-media eZine. Students will be responsible for all phases of the production, including developing themes and stories, writing, editing, graphical user interface construction, and photography. The magazines may incorporate video material from students in Broadcasting 46 or 48 classes. This course may be repeated once for credit.

### **JOURN 21, News Photography** **3 units**

Transfer: CSU  
C-ID: JOUR 160.

- *Prerequisite: None.*
- *Advisory: Photography 1.*

This survey course in basic news photography is designed for journalism or photography majors and students interested in having work published in magazines and news publications. Students learn basic camera and storytelling techniques through individual assignments and a semester long project, along with photo composition, and picture layout principles. A Digital Single Lens Reflex (DSLR) camera with manual exposure capability is required.

*Journalism 21 is the same course as Photography 13. Students may receive credit for one but not both.*

### **JOURN 22, Photography for Publication** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Journalism 21 or Photography 13.*

This advanced course provides an in-depth study of photojournalism with an emphasis on creation of photo story ideas, photo essays, news, sports and feature photos for publication. Photo editing and layout for newspapers, magazines, and online publishing will be covered. Students will comprise the staff of the campus newspaper, The Corsair, and online publications. This course may be repeated once for credit. A Digital Single Lens Reflex (DSLR) camera with manual exposure capability is required.

*Journalism 22 is the same course as Photography 14. Students may earn credit for one, but not both.*

### **JOURN 43, Public Relations and Publicity** **3 units**

Transfer: CSU  
C-ID: JOUR 150.

- *Prerequisite: None.*

*Formerly same course as Business 29.*

This is a introductory course covering basic principles and objectives of public relations, including publicity and promotion techniques, effective communication strategies, message design and distribution, and modern and emerging public relations practices.

### **JOURN 90A, Internship in Journalism** **1 unit**

Transfer: CSU  
Please see “Internships” section.

### **JOURN 90B, Internship in Journalism** **2 units**

Transfer: CSU  
Please see “Internships” section.

## **Kinesiology/Physical Education**

The Kinesiology/Physical Education curriculum is grouped together in the following manner:

### **General Studies**

#### **Aquatics**

- Swimming
- Diving
- Scuba
- Water Polo
- Surfing

#### **Combatives**

- Karate
- Self-Defense

#### **Fitness**

- Weight Training
- Boxing
- Exercises
- Pilates
- Yoga

#### **Individual Sports**

- Badminton
- Spinning
- Cross Country
- Cycling
- Rock Climbing
- Golf
- Table Tennis
- Tennis
- Track and Field

### **Team Sports**

- Baseball
- Basketball
- Football
- Soccer
- Softball
- Cheerleading
- Volleyball

### **Professional Courses in Kinesiology/Physical Education**

- Racquet Sports
- Track and Field
- Football
- Baseball
- Soccer
- Basketball
- Volleyball
- Kinesiology
- Sports Injuries
- Emergency Care and Water Safety
- Sports Management
- Field Experience
- Personal Trainer
- Officiating

### **Varsity Intercollegiate Athletics**

### **KIN PE 3, Introduction to Exercise Physiology I** **3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

*\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This is an introduction to the principles of Exercise Physiology. The course will discuss topics related to exercise and human performance. These topics will include: energy transfer and utilization, nutrition, and measurement of human performance as it relates to physical activity and life-long wellness. Students enrolling in this course should have some recent experience in science.

### **KIN PE 4, Introduction to Sport Psychology** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course examines the connection between the mental and physical aspects of competition and ways to enhance or improve performance. Psychological practices such as: stress reduction, goal-oriented imagery and positive visualization will be implemented with physical training methods to improve overall performance.

## Kinesiology/Physical Education: Aquatics

\*Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

### KIN PE 48A, Beginning Swimming 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is for students with limited or no experience in swimming. Instruction begins with floating to freestyle with rhythmic breathing and progresses to back float, and backstroke. Students then will be introduced to the short-axis competitive strokes-- butterfly and breast stroke.

### KIN PE 48B, Elementary Swimming 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed for second level swimmers. Concentration is on stroke instruction and conditioning. Swimmers must be able to complete 25 yards of freestyle with side breathing in deep water.

### KIN PE 48C, Intermediate Swimming 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course provides instruction and practice in all swimming strokes and competition. Emphasis is placed on performance and conditioning.

### KIN PE 48D, Advanced Swimming 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course provides advanced instruction and practice in swimming strokes and competition. Emphasis is placed on performance and conditioning.

### KIN PE 49A, Board Diving 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course provides instruction and practice in the mastery of a variety of intricate diving techniques. This course is open to divers of all skill levels from beginning to advanced.

### KIN PE 49C, Skin Diving 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 48C.*

This course covers the basic skills needed to skin dive safely. Emphasis is also placed on conditioning and strokes.

### KIN PE 49D, Basic SCUBA 3 units

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course offers instruction and practice in the skills of Self Contained Underwater Breathing Apparatus (SCUBA). The instruction will include open water diving, pool dives and using the no-decompression dive tables. Successful completion of course requirements leads to Los Angeles County Basic SCUBA and NAUI (National Association of Underwater Instructors) Certificates.  
*Additional fees for equipment rental will apply.*

### KIN PE 50A, Beginning Water Polo 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is an introduction to the aquatic sport of water polo, and provides instruction in the basic skills and conditioning.

### KIN PE 50C, Advanced Water Polo 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course develops advanced skills and covers strategies of the game of water polo with an emphasis on competitive situations.

### KIN PE 51A, Beginning Surfing 1 unit

Transfer: UC\*, CSU

- *Advisory: KIN PE 48C.*

This class is designed to cover the fundamentals of various techniques of surfing. Emphasis is placed on performance and conditioning for surfing.

### KIN PE 51B, Intermediate Surfing 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 48D or KIN PE 51A.*

This class is designed to cover various intermediate techniques for surfing. Emphasis is placed on performance and conditioning for surfing.

## Kinesiology/Physical Education: Combatives

\*Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

### KIN PE 34A, Karate 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed as an introduction to traditional karate. The program focuses on the cultural and self-defense aspects of the art as it was originally taught. The style is fluid, mobile, and emphasizes grabbing, striking, and kicking. Students work on conditioning, partner work, solo forms (kata), and learning the traditions and etiquette of the martial art.

### KIN PE 34B, Intermediate Karate 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 34A or equivalent experience.*

This is an intermediate level course in traditional karate. Multi-step techniques, movement fluidity, and controlled one-on-one combat scenarios are emphasized. Power generation through breathing techniques and meditation is introduced at this level. Students learn traditional kata forms of "Seisan" and "Ananku". In addition to the Okinawan history of karate, global scale history of the martial arts is discussed.

### KIN PE 34C, Advanced Intermediate Karate 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 34B or equivalent experience.*

This is an advanced intermediate level course in traditional karate. Advanced techniques and movements not covered in the beginning and intermediate classes are introduced. Power generation through breathing techniques, whole body movement fluidity, and meditation is emphasized at a more advanced level than KIN PE 34B. Students learn advanced timing for traditional kata forms of "Seisan" and "Ananku", and some students are introduced to the kata "Wansu". Specific history associated with students' direct Okinawan karate lineage is discussed.

**KIN PE 41M, Self Defense – Men** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

*This course involves both lecture and physical activity.*

This course provides knowledge of the laws relating to self-defense, basics of anatomy as applied to defense techniques, and physical techniques that are effective in self-defense. It also looks at violence in everyday life and how healthy masculinity can address the prevalence of violence, anger management, self-control, and bullying.

**KIN PE 41W, Self Defense – Women** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course provides knowledge of the laws relating to self defense, basics of anatomy as applied to defense techniques, and physical techniques that are effective in self defense.

## Kinesiology/Physical Education: Fitness

\*Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

For Water Aerobics, please see Kinesiology Physical Education Aquatics course listings.

**KIN PE 1A, Adaptive Physical Education** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed for the physically disabled student that wishes to participate in a physical exercise program designed to meet individual goals. Students enrolling in this class should be part of the DSPS program.

**KIN PE 2, Achieving Lifetime Fitness** **3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.

This is an introductory course designed to acquaint students with the benefits of physical activity in their lives. The course will empower students to create individual exercise programs after a survey of activity modules. This course requires both lecture and lab/activity weekly.

*Students are required to attend and participate in fitness labs. These exercise labs will include cardiovascular exercise, strength training, body weight exercise and more.*

**KIN PE 10A, Fitness Lab** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

*Formerly KIN PE 10.*

This is a physical fitness course designed to develop and encourage positive attitudes and habits in a personalized exercise program. This program is designed to work both cardiovascular and muscle endurance components of fitness. The primary training activity is aerobic weight training circuits utilizing a sequence of weight lifting machines and cardiovascular exercise, organized into an "Aerobic Super Circuit". The aerobic super circuit combines low intensity, high repetition weight training with aerobic training (treadmills, steppers, bikes, etc.). Basics of training and flexibility are also covered.

**KIN PE 10C, Advanced Fitness Lab** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed for students seeking high intensity training and conditioning. This class will emphasize development and improvement of an advanced fitness/cardiovascular levels. Course content will include anatomy, nutrition, biomechanics, and improvement through participation and assessment.

**KIN PE 11A, Beginning Weight Training** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

As a beginning level weight training course, it covers all of the fundamentals of lifting and safety as well as core training. Students are required to do an assigned program for half of the required hours and design their own program for the other half of the required hours.

**KIN PE 11B, Intermediate Weight Training** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is intermediate level in the various methods of weight training. It is intended to aid the students in evaluating their training and muscular development goals as well as setting up weight training programs to accomplish them.

**KIN PE 11C, Advanced Weight Training** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course further develops students' knowledge of weight training and conditioning at an advanced level. Students learn advanced concepts in strength training and muscle development. Students are introduced to advanced free weight exercises.

**KIN PE 11N, Individual Weight Training** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is a strength laboratory experience designed to assist advanced students in refining their individualized weight training program.

**KIN PE 12, Olympic-Style Weightlifting** **1 unit**

Transfer: UC (pending), CSU

- *Skills Advisory: KIN PE 11B or previous experience in weightlifting.*

The course is designed for students interested in learning how to perform Olympic-style weightlifting. Students learn the technical execution of the snatch, clean, and jerk. This course is not recommended for beginners; previous



experience in weight training is important for success in this course.

**KIN PE 13, Beginning Spinning** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

Spinning is a form of high intensity cardiovascular exercise that involves using a stationary exercise bike in a classroom setting. The benefits of this type of indoor cycling are cardiovascular health while doing low impact exercise, burning calories and overall conditioning for the legs and core. Spinning is a combination of athletic racing, strength training, rhythmic movements and visualization. This course is appropriate for most levels of fitness as students adjust the resistance of their bikes as appropriate.

**KIN PE 17, Boxing for Fitness** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course will combine basic exercises and techniques from boxing and kickboxing to promote a fun and effective aerobic workout. Instruction will include boxing to music using gloves, focus pads and heavy bag exercises. These exercises will improve cardiovascular endurance, strength development, and flexibility for lifetime fitness.

**KIN PE 19A, Fitness – Anaerobic Exercises** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

Traditional strength exercises and weights are used to improve muscle strength and endurance. Students will learn basic principles of anaerobic training and concepts applicable for lifetime health and fitness.

**KIN PE 19B, Fitness – Aerobic Exercises** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

Exercise to music using step risers. Students will learn basics of fitness, exercise and aerobic conditioning.

**KIN PE 19C, Fitness – Body Level Exercises** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

Traditional and aerobic exercises are used to develop the body while concentrating on specific body areas.

**KIN PE 19D, Fitness – Aquatic Exercises** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course will implement exercises in the pool using water for resistance to achieve physical fitness.

**KIN PE 19E, Pilates Mat Exercise** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to introduce the student to Pilates mat technique of exercise. Pilates is a unique method of body control and conditioning. It consists of stretching and strengthening the muscles, while improving flexibility and balance.

**KIN PE 34D, Advanced Karate** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 34B or equivalent experience.*

This is an advanced level course in traditional karate. Techniques and movement introduced in previous courses are further refined and effective self-defense application of these techniques are studied. Personalized kata training and interpretation is emphasized and may involve study of forms including, but not limited to, "Passai", "Gojushiho", "Chinto", and/or "Kusanku". Meditation training and research into various lineages of the martial arts are required.

**KIN PE 58A, Beginning Yoga** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

Basic yoga positions and exercises, control breathing, relaxation, meditation techniques, and stretching postures are addressed in the class.

*All yoga classes require that students provide their own yoga mats.*

**KIN PE 58B, Intermediate Yoga** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

Exposure to intermediate and advanced postures, relaxation, meditation, pranayama and concentration exercises are covered in the class.

*All yoga classes require that students provide their own yoga mats.*

**KIN PE 58C, Advanced Yoga** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This is an in-depth yoga course for the advanced student who has previous yoga experience resulting in knowledge of 25 basic poses. Deeper and expanded study of the standing poses and basic posture, shoulder hand variations, and back bends.

*All yoga classes require that students provide their own yoga mats.*

**KIN PE 88A, Independent Studies in Physical Education** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**KIN PE 88B, Independent Studies in Physical Education** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

## Kinesiology/Physical Education: Individual Sports

\*Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

**KIN PE 5A, Beginning Badminton** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course covers the basic skills in playing badminton, including the rules and techniques of the basic skills: serving, underhand and overhand strokes.

**KIN PE 5B, Intermediate Badminton** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course continues with drills for the basic skills in playing badminton and introduces the doubles game. Doubles strategies and drills designed to improve placement and consistency are covered.

**KIN PE 5C, Advanced Badminton** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course covers the techniques and skills of badminton, including the rules and strategies for competitive play.

**KIN PE 14, Cross Country** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to develop the mental and physical techniques necessary for distance running. Topics include aerobic and anaerobic training, physiological mechanics, as well as mental competitive strategies as they relate to distance running.

**KIN PE 14B, Intermediate Cross Country** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to develop the mental and physical techniques necessary for distance running. Topics include aerobic and anaerobic training, physiological mechanics, as well as mental competitive strategies as they relate to distance running.

**KIN PE 14C, Advanced Cross Country** 1 unit

Transfer: CSU, UC\*

- *Prerequisite: None.*

This course is designed for students to take the knowledge gained in the intermediate course and learn to prepare their own training regimen for a competitive cross country season. The class will also focus on the psychological aspects and physiological effects of competitive endurance running.

**KIN PE 15A, Cycling** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to develop the mental and physical techniques necessary for utilizing and maintaining a bike for cardio endurance, fitness and recreation.

**KIN PE 16A, Beginning Rock Climbing** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is an indoor rock climbing class that offers instruction and practice in the skills of rock climbing. Basic safety skills, belaying, and climbing techniques will be taught.

**KIN PE 16B, Intermediate Rock Climbing** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: Kin PE 16A or instructor's permission.*

This course is designed to further introduce the student to the sport of Rock Climbing through three different variations of the sport. Students will learn and practice

Bouldering, Top Rope, and Lead climbing at an indoor rock climbing facility.

**KIN PE 25A, Beginning Golf** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to teach basic fundamentals, rules, and etiquette of golf.

**KIN PE 25B, Intermediate Golf** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 25A.*

This course is a continuation of the basic skills of golf, especially in the area of short game, long irons, and woods.

**KIN PE 25C, Advanced Golf** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course provides an emphasis on playing rounds at local golf courses, types of competition, and the where-to-go and what-to-do of golf.

**KIN PE 25D, Golf Player Development** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to help students improve their golf skills so they can compete at the tournament level. The course will include improving students' knowledge of rules, swing techniques, and course playing strategies.

**KIN PE 53A, Table Tennis** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This class will cover all the basic strokes used in competitive table tennis. Students will learn basic techniques of the fundamental skills of the sport. Instruction includes rules, scoring and game etiquette.

**KIN PE 53B, Intermediate Table Tennis** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to teach the intermediate strokes used in competitive table tennis. Conditioning and intermediate level drills designed to improve placement and consistency, will be emphasized. Students enrolling in this course should have previous table tennis experience.

**KIN PE 54A, Beginning Tennis, First Level** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

Techniques and drill in fundamental skills, forehand and serve are introduced. Instruction includes rules, scoring, and court etiquette that prepares student for limited play.

**KIN PE 54B, Beginning Tennis, Second Level** 1 unit

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course continues with drills in basic skills and introduces more advanced strokes, lob, volley, and overhead smash. Game strategies for singles and doubles play are developed.

**KIN PE 54C, Intermediate Tennis** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

Conditioning and advanced drills designed to improve placement and consistency during match play are offered. Students must have some tennis experience to enroll in this course.

**KIN PE 54D, Advanced Tennis** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to improve play for competition in singles and doubles contests outside of school. Students must have experience playing the sport.

**KIN PE 56A, Beginning Track and Field** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

Students will learn the fundamentals of sprinting, hurdling and some long distance races. The shot put and jump will also be covered. Students will be presented with a history of the sport and the rules of competition.

**KIN PE 56B, Intermediate Track and Field** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed for students with prior experience in the sport of track and field. Students will learn about middle distance and long distance events as well as the discus and high jump. Students will continue to work on running mechanics and learn about planning and organizing workouts.

## Kinesiology/Physical Education: Team Sports

\*Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

**KIN PE 7C, Advanced Baseball for Men** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to provide an opportunity to experience a competitive situation similar to intercollegiate competition

**KIN PE 9A, Beginning Basketball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This is an activity course designed to introduce the student to basketball skills and rules.

**KIN PE 9B, Intermediate Basketball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 9A or equivalent experience.*

This course is designed to introduce the student to the strategies of team defensive basketball. Topics include the skills required to play defense, drills to improve on those skills, development of defensive strategies and drills to improve in the execution of those strategies.

**KIN PE 9C, Advanced Basketball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 9B or equivalent experience.*

This is an activity course designed with an emphasis on high level competition among students with previous experience. The course stresses advanced fundamentals and strategies.

**KIN PE 9W, Advanced Basketball for Women** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This is an activity course designed with an emphasis on high level competition among students with previous experience. The course stresses advanced fundamentals and strategies.

**KIN PE 21, Coed Touch Football** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course covers rules, strategies, and skills necessary to successfully participate in touch football as a leisure time activity.

**KIN PE 21C, Advanced Football for Men** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is a continuation of beginning touch football concentrating on position skills and strategies.

**KIN PE 43A, Beginning Soccer** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to introduce students to the basics of soccer and the rules of the game. Students will participate in soccer drills/activities to learn and improve their skills, with an emphasis on the technical side of the game.

**KIN PE 43B, Intermediate Soccer** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to build on the skills developed in beginning soccer. It will review and improve the basic skills of the sport as well as introduce more technical skills and intricacies of the game. Students will participate in soccer drilling, training and play with an emphasis on the technical side of the game.

**KIN PE 43C, Advanced Soccer** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is a continuation of the introductory soccer course with an emphasis placed on advanced technical skills and an introduction to team tactics and systems of play.

**KIN PE 43D, Competitive Soccer** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course offers competitive soccer for the most advanced students. Students will be able to improve their technical skills as well as improve their team play. Classes will be run similar to team practices with physical training and competitive drilling and play.

**KIN PE 45A, Beginning Softball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed for individuals who have not played organized softball. Basics for throwing, fielding, hitting, and base running are covered.

**KIN PE 45C, Advanced Softball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed for individuals with above average skills. Activities are centered around skills learned in KIN PE 45A game situations.

**KIN PE 46, Performance Cheerleading** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course is designed to develop performance-level cheerleading skills and routines. The course provides a consistent laboratory for the development and enhancement of the skills required to participate in cheerleading. The improvement of cardiovascular fitness, muscular strength, and flexibility will be necessary for the high performance of cheerleading. Performance, safety, and cooperation will be emphasized in the course. Students will perform at selected athletic events as a team.

**KIN PE 57A, Beginning Volleyball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course covers the basic skills for playing volleyball as well as the rules and etiquette for indoor volleyball.

**KIN PE 57B, Intermediate Volleyball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 57A.*

This course covers techniques and strategies in playing six-person, four-person and two-person volleyball. The continuing development of high level skills is emphasized.

**KIN PE 57C, Advanced Volleyball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 57B.*

This course covers advanced techniques and strategies of the game in a competitive class situation. The continuing development of high level skills is emphasized.

**KIN PE 59A, Beginning Beach Volleyball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course covers basic techniques and strategies in playing beach volleyball. The beginning fundamentals, rules and etiquette are emphasized.

**KIN PE 59B, Intermediate Beach Volleyball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course covers techniques and strategies in playing power beach volleyball at the four and two-person level. The continuing development of high level skills is emphasized.

**KIN PE 59C, Advanced Beach Volleyball** **1 unit**

Transfer: UC\*, CSU

- *Prerequisite: None.*

This course covers advanced techniques and strategies of beach volleyball in a competitive class situation. The continuing development of high level skills is emphasized.

**Professional Courses in Kinesiology/  
Physical Education**

*Please see listing under "Professional Courses in Kinesiology/Physical Education."*

**Varsity Intercollegiate Athletics**

*Please see listing under "Varsity Intercollegiate Athletics."*

**Korean**

Additional hours to be arranged in the Modern Language Lab for Elementary Korean. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

**KOREAN 1, Elementary Korean I** **5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

This course teaches the Korean Hangeul by applying the natural approach in the classroom. The materials are designed to encourage the students to feel free to interact in Korean as naturally and as spontaneously as possible. It introduces vocabulary skills, decoding skills, and fundamental sentence structures in the present and past. Pronunciation, grammar, and everyday vocabulary are stressed as indispensable tools for comprehension and expression. Aspects of Korean culture and history are covered as well. Language lab is required.

**KOREAN 2, Elementary Korean II** **5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Korean 1\*.*

This course is a continuation of Korean 1. Using the natural approach, this course stresses vocabulary and fundamental sentence structure in the past and future indicative tenses and in the subjunctive mode. Basic aural and reading comprehension is also developed. Students will hold simple conversations, learning common sayings, and write short compositions about past and future actions. Readings of simplified texts and study of Korean culture are included. Language lab is required.

*\*The advisory for this course is comparable to two years of high school Korean.*

**KOREAN 3, Intermediate Korean I** **5 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Korean 2 or skills equivalent to that of Korean 2\*.*

This course is a continuation of Korean 2 and teaches Korean by applying the Natural Approach in the classroom.



Materials are designed to encourage students to interact in Korean as naturally and as spontaneously as possible. Developed in accordance with performance-based principles and methodology, the course is learner-centered using primary resources and function/task-oriented balancing acquiring and using skills. The integration of speaking, listening, reading, writing, and culture is stressed. Grammar points are systematically introduced with simple but adequate explanations and abundant examples, exercises, and drills. Aspects of Korean culture and history are covered as well.

*\*The prerequisite for this course is comparable to three years of high school Korean.*

### **KOREAN 4, Intermediate Korean 2** **5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Korean 3 or equivalent skills.*

This course builds on language skills developed in Korean 3. The course will review and expand on intermediate Korean grammar, provide practice in the use of set phrases and idioms, and further develop skills in reading and writing. It will enrich vocabulary, further develop reading comprehension, provide opportunity for improving intermediate level writing and conversational skills; and it will encompass aspects of Korean culture and history. This course is taught in Korean unless in cases of linguistic difficulty as determined by the professor.

### **KOREAN 99, Applied Learning in Korean** **1 unit**

Transfer: CSU

- *Corequisite: Any course in Korean.*

This course—taken in tandem with another course in the discipline—enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied / service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

## **Library Studies**

### **LIBR 1, Library Research Methods** **1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is designed to introduce students to library research and resources available in academic libraries to facilitate formal course work at all levels. Through effective use of both paper and electronic resources, students learn to access information in reference works, books, periodicals, and government documents. This course also presents techniques for successfully compiling sources for the research paper, including topic selection, documentation, and bibliography production. Recommended for all students.

## **Linguistics**

### **LING 1, Introduction to Linguistics** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course is an introduction to the study of language. It provides an overview of the field of linguistics, its three dimensions of language structure: the sound system (phonetics and phonology), vocabulary (morphology), and grammar (syntax), and the way linguistic structure and context give rise to meaning (semantics and pragmatics). In addition the course considers how social practices are shaped by and shape language use, as well as how language is acquired and learned. The course provides a grounding in linguistics as a field of study, basic analytic skills for viewing and discussing language from a variety of perspectives, and greater awareness of the relevance of language across and within cultures.

## **Mathematics**

Students new to the Santa Monica College mathematics program who wish to enroll in a course must take the Math Assessment test before enrolling. A student who has successfully completed college level math courses (earned a grade of C or better) at another institution may be able to verify having met prerequisites by submitting an official transcript. Continuing students must complete prerequisite courses with a grade of "C" or better.

### **MATH 2, Precalculus** **5 units**

Transfer: UC\*, CSU

*IGETC AREA 2 (Mathematical Concepts)*

- *Prerequisite: Math 20 and Math 32.*
- *Advisory: Eligibility for English 1.*

*\*Maximum UC credit for Math 2 and 26 is one course.*

An intensive preparation for calculus. This course is intended for computer science, engineering, mathematics, and natural science majors. Topics include algebraic, exponential, logarithmic and trigonometric functions and their inverses and identities, conic sections, sequences, series, the binomial theorem and mathematical induction.

### **MATH 3, Trigonometry with Applications** **3 units**

Transfer: CSU

- *Prerequisite: MATH 20 and MATH 32.*
- *Advisory: MATH 4 and eligibility for English 1.*

This course is intended for students majoring in Science, Technology, Engineering, or Mathematics (STEM). Math 3 in combination with Math 4 (College Algebra for STEM Majors) serves as a prerequisite for Math 7 (Calculus 1). The course includes a study of the properties and graphs of trigonometric and inverse trigonometric functions, trigonometric identities, solutions of triangles, trigonometric equations, parametric equations, polar coordinates and polar equations, the algebra of vectors in two and three dimensions and topics from analytic geometry and applications.

**MATH 4, College Algebra for STEM Majors** 4 units

Transfer: UC (pending), CSU

- Prerequisite: MATH 20
- Skills Advisory: Eligibility for English 1.

This course is intended for students majoring in Science, Technology, Engineering, or Mathematics (STEM). Math 4 in combination with Math 3 (Trigonometry with applications) serves as a prerequisite for Math 7 (Calculus 1). The topics to be covered include review of the fundamentals of algebra, relations, functions, solutions of first and second degree equations and inequalities, systems of equations, matrices, binomial theorem, mathematical induction, polynomial and rational functions, exponential and logarithmic functions, analytic geometry and conic sections, and geometric and arithmetic sequences and series.

**MATH 7, Calculus 1** 5 units

Transfer: UC\*, CSU

C-ID: MATH 211.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 2 or (Math 3 and 4).

\*Maximum UC credit for Math 7 and 28 is one course.

This first course in calculus is intended primarily for science, technology, engineering and mathematics majors. Topics include limits, continuity, and derivatives and integrals of algebraic and trigonometric functions, with mathematical and physical applications.

**MATH 8, Calculus 2** 5 units

Transfer: UC\*, CSU

C-ID: MATH 221.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 7.

\*Maximum UC credit for Math 8 and 29 is one course.

This second course in calculus is intended primarily for science, technology, engineering, and mathematics majors. Topics include derivatives and integrals of transcendental functions with mathematical and physical applications, indeterminate forms and improper integrals, infinite sequences and series, and curves, including conic sections, described by parametric equations and polar coordinates.

**MATH 10, Discrete Structures** 3 units

Transfer: UC, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 8.

Formerly same course as CS 10.

This course is intended for computer science, engineering, and mathematics majors. Topics include proof techniques, cardinality of sets, partial orderings and equivalence relations, symbolic logic and valid arguments, permutations and combinations with repetition, and an introduction to graph theory.

**MATH 11, Multivariable Calculus** 5 units

Transfer: UC, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 8.

Topics include vectors and analytic geometry in two and three dimensions, vector functions with applications, partial derivatives, extrema, Lagrange Multipliers, multiple integrals with applications, vector fields. Green's Theorem, the Divergence Theorem, and Stokes' Theorem.

**MATH 13, Linear Algebra** 3 units

Transfer: UC, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 8.
- Skills Advisory: Eligibility for English 1.

Topics include matrices and linear transformations; abstract vector spaces and subspaces; linear independence and bases; determinants; systems of linear equations; eigenvalues and eigenvectors.

**MATH 15, Ordinary Differential Equations** 3 units

Transfer: UC, CSU

C-ID: MATH 240.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 8.

This course is an introduction to ordinary differential equations. Topics include first order equations, linear equations, reduction of order, variation of parameters, spring motion and other applications, Cauchy-Euler equations, power series solutions, Laplace transform, and systems of linear differential equations.

**MATH 18, Intermediate Algebra for Statistics and Finite Mathematics** 3 units

- Prerequisite: Math 31.

Maximum allowable units for Math 18 and Math 20 is 5 units.

Topics include linear, quadratic, exponential and logarithmic functions and equations; systems of linear equations and inequalities; sequences and series. The emphasis is on setting up and solving applications of the algebraic material.

Math 18 is designed for students who are required to complete Math 54 only or Math 21 only. If you are unsure which transfer level math course you need, it is recommended you take Math 20.

**MATH 20, Intermediate Algebra** 5 units

- Prerequisite: Math 31 or Math 49.

Maximum allowable units for Math 18 and Math 20 is 5 units.

Topics include rational, irrational and complex numbers; fundamental operations on algebraic expressions and functions; introduction to polynomial, rational, exponential and logarithmic functions, equations and graphs; circles and parabolas. Emphasis is on advanced algebraic factoring and simplification.

Math 20 serves as a prerequisite to all college level math classes. Students whose terminal math course is Math 54 or Math 21 may want to consider taking Math 18 or Math 50 instead.

**MATH 21, Finite Mathematics** 3 units

Transfer: UC, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 18 or 20 or 49 or Math 50.

This is a terminal mathematics course for liberal arts and social science majors. Topics include sets and counting, probability, linear systems, linear programming, statistics, and mathematics of finance, with emphasis on applications.

**MATH 26, Functions and Modeling for Business and Social Science** **3 units**

Transfer: UC\*, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 20.

\*Maximum UC credit for Math 2 and 26 is one course.

This course is a preparatory course for students anticipating enrollment in Math 28 (Calculus 1 for Business and Social Science). Topics include algebraic, exponential and logarithmic functions and their graphical representations, and using these functions to model applications in business and social science.

*Math 26 is not recommended as a terminal course to satisfy transfer requirements.*

**MATH 28, Calculus 1 for Business and Social Science** **5 units**

Transfer: UC\*, CSU

C-ID: MATH 140.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 26.

\*Maximum UC credit for Math 7 and 28 is one course.

This course is intended for students majoring in business or social sciences. It is a survey of differential and integral calculus with business and social science applications. Topics include limits, differential calculus of one variable, including exponential and logarithmic functions, introduction to integral calculus, and mathematics of finance.

**MATH 29, Calculus 2 for Business and Social Science** **3 units**

Transfer: UC\*, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 28.

\*Maximum UC credit for Math 8 and 29 is one course.

Topics include techniques and applications of integration, improper integrals, functions of several variables, partial derivatives, method of least squares, maxima and minima of functions of several variables with and without constraints, methods of LaGrange Multipliers, double integrals and their application, elementary differential equations with applications, probability and calculus.

**MATH 31, Elementary Algebra** **5 units**

- Prerequisite: Math 84 or Math 85.

Topics include: Arithmetic operations with real numbers, polynomials, rational expressions, and radicals; factoring polynomials; linear equations and inequalities in one and two variables; systems of linear equations and inequalities in two variables; application problems; equations with rational expressions; equations with radicals; introduction to quadratic equations in one variable.

*This course is equivalent to one year high school algebra. Students enrolled in this course are required to spend 16 documented supplemental learning hours outside of class during the semester.*

**MATH 32, Plane Geometry** **3 units**

- Prerequisite: Math 31 or Math 49.

This is an introductory course in geometry whose goal is to increase student's mathematical maturity and reasoning skills. Topics include elementary logical reasoning, properties of geometric figures, congruence, similarity, and right triangle relationships using trigonometric properties. Formal proof is introduced and used within the course.

**MATH 41, Mathematics for Elementary School Teachers** **3 units**

Transfer: UC, CSU

- Prerequisite: Math 20.

This course is designed for preservice elementary school teachers. The course will examine five content areas: Numeration (historical development of numeration system); Set Theory (descriptions of sets, operations of sets, Venn Diagrams); Number Theory (divisibility, primes and composites, greatest common divisor, least common multiple); Properties of Numbers (whole numbers, integers, rational numbers and models for teaching binary operations); and Problem Solving (strategies, models to solve problems, inductive and deductive reasoning).

*Math 41 fulfills the mathematics requirement for the Liberal Arts major at CSU campuses but does not meet the mathematics admission requirement at any of the CSU campuses. Please contact a counselor if you have questions.*

**MATH 49, Beginning and Intermediate Algebra for Statistics and Finite Mathematics** **6 units**

- Prerequisite: Math 84 or Math 85.

This is an accelerated course covering the topics of Beginning and Intermediate algebra. Specific topics include arithmetic operations with real numbers, change of units and percents, polynomials, rational expressions, and radicals; linear equations and inequalities; systems of linear equations and inequalities; application problems; equations with rational expressions; equations with radicals; linear, quadratic, exponential and logarithmic functions and equations; factoring; drawing and interpreting graphs; sequences and series. The emphasis is on setting up and solving applications of the algebraic material.

**MATH 50, Pre-Statistics** **5 units**

- Prerequisite: Math 84 or Math 85.

This course introduces algebra topics and the basic elements of exploratory data analysis needed for Elementary Statistics (Math 54) and Finite Mathematics (Math 21). Course topics include formulas and algebraic expressions, linear equations and inequalities in one variable, analyzing and producing data, sample statistics and graphs, functions, systems of linear equations, and probability.

*Math 50 is designed for students who are only required to complete Elementary Statistics (Math 54) or Finite Mathematics (Math 21). Students who plan to take a non-math course which lists math 20 or math 31 as a pre-requisite should take those courses unless otherwise advised by the department offering the non-math course. This course is not intended as a preparation for precalculus or calculus. Students planning to take precalculus (Math 2) must complete Intermediate Algebra (Math 20).*

**MATH 54, Elementary Statistics** **4 units**

Transfer: UC, CSU

C-ID: MATH 110.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 20 or Math 18 or Math 49 or Math 50.

*Formerly Math 52.*

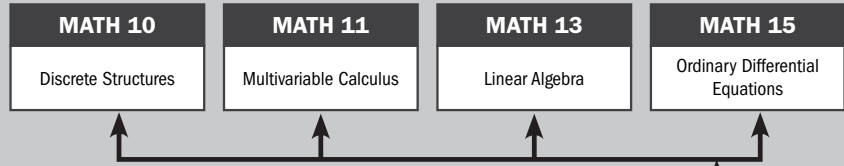
This course covers concepts and procedures of descriptive statistics, elementary probability theory and inferential statistics. Course content includes: summarizing data; computation and interpretation of descriptive statistics; classical probability theory; probability distributions; bino-

# MATHEMATICS COURSE SEQUENCE

The starting point in this Math Course Sequence Chart depends on your Math Assessment results as well as your future goals. For these reasons, it is wise to prepare before taking the Math Assessment and to review the information about Math courses and Math sequences before registering for your first math class. Information about Math Assessment and practice test materials are available at the SMC Assessment website at [www.smc.edu/assessment](http://www.smc.edu/assessment). Information about math courses and sequences are available at the SMC Mathematics Department website at [www.smc.edu/math](http://www.smc.edu/math).

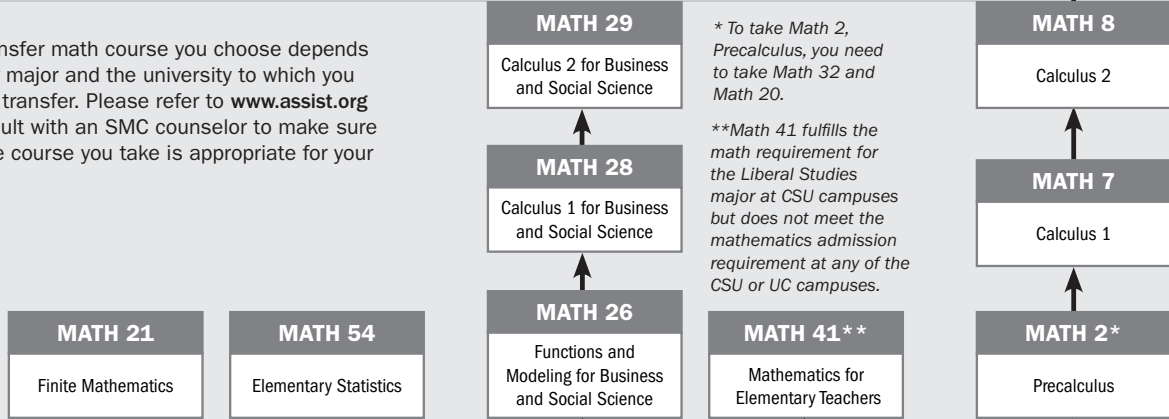
Higher Level

Although these courses may be taken in any order after completion of Math 8, students are advised to complete Math 11 and Math 15 before enrolling in Math 13.



College Level

The transfer math course you choose depends on your major and the university to which you plan to transfer. Please refer to [www.assist.org](http://www.assist.org) or consult with an SMC counselor to make sure that the course you take is appropriate for your goals.



\* To take Math 2, Precalculus, you need to take Math 32 and Math 20.  
 \*\*Math 41 fulfills the math requirement for the Liberal Studies major at CSU campuses but does not meet the mathematics admission requirement at any of the CSU or UC campuses.

Pre-College Level

Math 81, 84, 85, 31, 32, 18, 20, 49, and 50 will not transfer to the UC and CSU systems, but these courses are prerequisites for college level math courses and some courses in other departments.

For an Associate degree, SMC requires the successful (with a grade of C or better) completion of Math 18, 20, 49, 50, or 32 (if taken Fall 2006 or later) or a passing score on the SMC Math Proficiency Assessment plus successful completion of one additional designated non-math course.

▶ Taking Math 85 and Math 49 or 50 is a 2-term accelerated pathway to Statistics & Finite Math

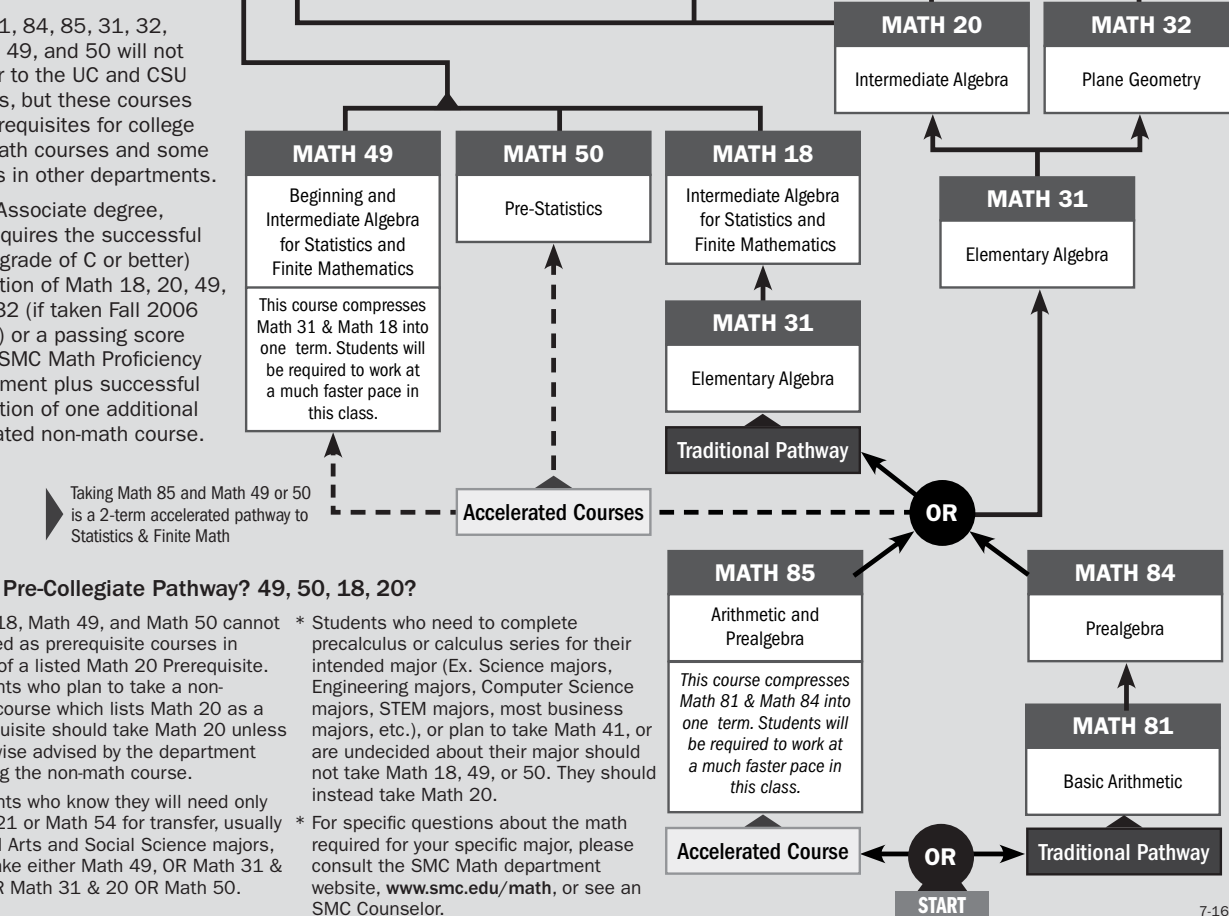
### Which Pre-Collegiate Pathway? 49, 50, 18, 20?

\* Math 18, Math 49, and Math 50 cannot be used as prerequisite courses in place of a listed Math 20 Prerequisite. Students who plan to take a non-math course which lists Math 20 as a prerequisite should take Math 20 unless otherwise advised by the department offering the non-math course.

\* Students who know they will need only Math 21 or Math 54 for transfer, usually Liberal Arts and Social Science majors, may take either Math 49, OR Math 31 & 18, OR Math 31 & 20 OR Math 50.

\* Students who need to complete precalculus or calculus series for their intended major (Ex. Science majors, Engineering majors, Computer Science majors, STEM majors, most business majors, etc.), or plan to take Math 41, or are undecided about their major should not take Math 18, 49, or 50. They should instead take Math 20.

\* For specific questions about the math required for your specific major, please consult the SMC Math department website, [www.smc.edu/math](http://www.smc.edu/math), or see an SMC Counselor.



Course Descriptions



mial, normal, T, Chi-square and F distributions; making inferences; decisions and predictions. This course develops, analyzes, and interprets confidence intervals for population parameters, hypothesis testing for both one and two populations, correlation and regression, ANOVA, and test for independence. This course develops statistical thinking through the study of applications in variety of disciplines. The use of a statistical/graphing calculator and/or statistical analysis software is integrated into the course.

### **MATH 81, Basic Arithmetic** **3 units**

- *Prerequisite: None.*

The aim of this course is to develop number and operation sense with regard to whole numbers, fractions, decimals and percents; as well as measurement and problem solving skills. Course content also includes ratios, proportions, and practical applications of the arithmetic material.

*\*Course credit may not be applied toward satisfaction of Associate Degree requirements. Students enrolled in this course are required to spend 16 documented supplemental learning hours outside of class during the session.*

### **MATH 84, Pre-Algebra** **3 units**

- *Prerequisite: Math 81.*

This course prepares the student for Elementary Algebra. It assumes a thorough knowledge of arithmetic. Course content includes integers, signed fractions, signed decimals, grouping symbols, the order of operations, exponents, and algebraic expressions and formulas. The emphasis is on concepts essential for success in algebra.

*\*Course credit may not be applied toward satisfaction of Associate Degree requirements. Students enrolled in this course are required to spend 16 documented supplemental learning hours outside of class during the semester.*

### **MATH 85, Arithmetic and Prealgebra** **5 units**

- *Prerequisite: None.*

This course offers an accelerated option for preparation for Elementary Algebra. The material covered is equivalent to that covered separately in Math 81 (Basic Arithmetic) and Math 84 (Prealgebra). This course develops number and operation sense with regard to whole numbers, integers, rational numbers, mixed numbers, and decimals. Grouping symbols, order of operations, estimation and approximation, scientific notation, ratios, percents, proportions, geometric figures, and units of measurement with conversions are included. An introduction to algebraic topics, including simple linear equations, algebraic expressions and formulas, and practical applications of the material also are covered. All topics will be covered without the use of a calculating device.

*Students who desire a slower pace should enroll in the Math 81/84 sequence. Course credit may not be applied toward satisfaction of Associate degree requirements.*

### **MATH 88A, Independent Studies in Mathematics** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

## **Media Studies**

### **MEDIA 1, Survey of Mass Media Communications** **3 units**

Transfer: UC, CSU

C-ID: JOUR 100.

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*

*Formerly Communication 1.*

This course introduces aspects of communications and the impact of mass media on the individual and society. The survey includes newspapers, magazines, radio, television, cable, motion pictures, online media, advertising, public relations, theories of communication, and mass communication modes, processes and effects.

### **MEDIA 2, Reading Media: Acquiring Media Literacy Skills** **3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly Communication 2.*

This course will acquaint students with the inquiry process as applied to electronic and print media texts from sources such as television, radio, film, podcasting, World Wide Web sites and video games. Students will gain the necessary skills to understand their multi-media world and its many layers of meanings and messages. Students will learn to "read" and design visual, as well as print messages through the processes of analysis, deconstruction and decoding. This course is designed to meet Information Competency guidelines.

### **MEDIA 3, Global Media** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course provides a detailed introduction to global media systems around the world, examining the main economic and cultural dimensions of the international media environment. Key theoretical approaches to international and global communication will be examined. Consideration will be given to the key issues, main actors, and significant developments in global media.

*Media 3 is the same course as Global Studies 3. Students may earn credit for one, but not both.*

### **MEDIA 4, Introduction to Game Studies** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This introductory course examines the medium of video games. The course studies how video games have developed historically, culturally, and technically. Issues of narrative, design, interactivity, and spatiality, which inform both the medium as a whole and individual games in particular, are examined. The function of video games as media texts within popular culture is also assessed.

### **MEDIA 10, Media, Gender, and Race** **3 units**

Transfer: UC (meets UC Berkeley American Cultures graduation requirement); CSU

*IGETC AREA 4 (Social and Behavior Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

*Formerly Communication 10.*

This course is an historical overview of media in the United States. Using readings from selected texts, clips from movies, radio and television broadcasts, as well as period literature, students analyze and debate representations in the media with a focus on class, gender, and race/ethnicity. Critical thinking is stressed in this course.

### **MEDIA 11, Introduction to Broadcasting** 3 units

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 1.*

Radio, television and related electronic media are introduced in this course with emphasis on history, programming, FCC regulations, operations, economics, and social impact. The course also includes an examination of the newer technologies such as the Internet, cable, direct broadcast satellites, computers, wireless phones, and the communications technology revolution.

### **MEDIA 12, Broadcasting Programming and Management** 3 units

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 2.*

Principles of radio and television programming and management, including program sources, programming theories, station organization, community involvement, market demographics, and fulfillment of FCC requirements are covered in this course.

### **MEDIA 13, Broadcasting Announcing and Production** 3 units

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 3A.*

This course offers training and practical experience in announcing for radio and television and for radio control room operation, combining voice, recordings, editing, and other elements in broadcasting performance and production.

### **MEDIA 14, Newscasting and Newswriting** 3 units

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 4A.*

This course familiarizes the student with the expectations of journalism by the public and teaches the student the basic newswriting guidelines used in broadcast journalism. Through newswriting assignments and exercises, the student will become adept in basic broadcast news writing. *Media Studies 14 is the same course as Journalism 4A. Students may earn credit for one, but not both.*

### **MEDIA 15, Advanced Newscasting and Newswriting** 3 units

Transfer: CSU

- *Prerequisite: None.*

- *Advisory: Media Studies 14.*

*Formerly Broadcasting 4B.*

This course builds upon Broadcast 4A/Journalism 4A and offers students an opportunity to further develop their newswriting and newscasting skills. The student will write broadcast copy for a variety of news situations in radio

and television. More complex assignments such as covering political campaigns and breaking news stories will be covered. Assignments include writing broadcast copy for SMC's campus radio KWRP. Issues in media ethics and career opportunities will also be discussed.

*Media Studies 15 is the same course as Journalism 4B. Students may receive credit for one, but not both.*

### **MEDIA 16, Sportscasting Fall Sports** 3 units

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 5A.*

Sports reporting for the broadcast media, including a study of sources of information, statistic and personal background on athletes, as well as techniques of interviewing, color reporting, and play-by-play announcing are covered in this course. Special emphasis will be given to the particular demands and playing environments of fall sports such as football. Field work in coverage of football and other fall sports involves interview shows with coaches, players, and sports figures.

### **MEDIA 17, Sportscasting Spring Sports** 3 units

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 5B.*

Sports reporting for the broadcast media, including a study of sources of information, statistic and personal background on athletes, as well as techniques of interviewing, color reporting, and play-by-play announcing are covered in this course. Special emphasis will be given to the particular demands and playing environments of spring sports such as basketball and track and field. Field work in coverage of spring sports involves interview shows with coaches, players, and sports figures.

### **MEDIA 18, Broadcast Advertising** 3 units

Transfer: CSU

- *Prerequisite: None.*

*Formerly same course as Business 33.*

This course examines advertising as an economic support for commercial broadcast, cable, and related telecommunications media. Audience surveys, rate structures, client, ad rep firms and advertising agency relationships are discussed and explored.

### **MEDIA 19, Broadcasting Workshop** 3 units

Transfer: CSU

- *Prerequisite: None.*

- *Advisory: Media Studies 13 or 14.*

*Formerly Broadcasting 9.*

This course offers further training and practical experience in producing and announcing for radio. Students use digital audio workstations to produce commercials, newscasts, promos and various other audio projects. Lecture topics include an overview of current industry trends, plus instruction on voiceovers, digital editing and mixing, podcasting, Internet streaming and satellite radio. Students will also have the opportunity to host a weekly radio show to help prepare them for professional radio station work. One repeat of the course is allowed.

**MEDIA 20, Introduction to Writing and Producing Short Form Media****3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 20.*

This course offers basic training and practical experience in writing, producing, shooting, music selection, and directing voice-over talent for short-form media projects. These project forms include on-air promos, commercials, public service announcements, webisodes, and special marketing campaigns. The course will take a hands-on approach to enable the development of basic copywriting and production skills, and will provide students with an introductory understanding of television, radio, and alternative media branding and marketing strategies. Storytelling, scriptwriting, and coordinating essential production elements will be emphasized.

**MEDIA 21, Short Form Visual Media Production 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Media Studies 20.*

*Formerly Broadcasting 21.*

This course offers advanced instruction and focused practical experience in concept development, writing and producing for short form visual media projects. These project forms include on-air promos, commercials, public service announcements (PSA's), webisodes, and special visual marketing campaigns. The major course objective is to enable professional visual writing and production skills through immersion in short-form producing and writing assignments applicable to television, radio, internet, mobile device, and other digital media formats. Story and script development, and short form project conception and production will be emphasized.

**MEDIA 46, Television Production****3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 46.*

This course provides basic training in the use of television equipment and facilities; camera operations; audio and video control; lighting; graphics; editing; portable video, and audio production techniques.

**MEDIA 48, Television Field Production Workshop****3 units**

Transfer: CSU

- *Prerequisite: None.*

*Formerly Broadcasting 48.*

Students will produce a variety of electronic media projects primarily for airing on public cable access and public television station channels. Projects will also be developed for pod-casting, inclusion in video/film festivals, and distribution to other media entities. The emphasis in this course is on the development of creative video camera techniques, writing, producing, and editing skills for the production of digital media. Students will also have the opportunity to produce video segments for the Corsair newspaper online edition.

**MEDIA 88A, Independent Studies in Media Studies****1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**MEDIA 88B, Independent Studies in Media Studies****2 units**

Transfer: CSU

Please see "Independent Studies" section.

**MEDIA 88C, Independent Studies in Media Studies****3 units**

Transfer: CSU

Please see "Independent Studies" section.

**MEDIA 90B, Internship in Media Studies****2 units**

Transfer: CSU

Please see "Internships" section.

**Microbiology***Please see listing under "Biological Sciences."***Modern Languages**

*SMC offers courses in American Sign Language, Arabic, Chinese (Mandarin), French, German, Hebrew, Italian, Japanese, Korean, Persian (Farsi), Portuguese, Russian, Spanish, and Turkish. Classes are listed under name of specific language.*

**Music: Appreciation and History**

See also "Music: Theory, Performance &amp; Application"

Attendance at one Music department concert for which students may have to purchase tickets is required. Online classes are exempted.

**MUSIC 30, Music History I****3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is a survey of music in Western Civilization from Antiquity through Baroque (approximately 800 BC to 1750 AD). Emphasis is placed upon the principal composers and their works related to the history and philosophy of each stylistic period and interrelationships with the arts and humanities in general. The stylistic periods covered include Greco-Roman, Romanesque, Gothic, Renaissance and Baroque. The course is designed for the music major, but open to all.

**MUSIC 31, Music History II****3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is a survey of music in Western Civilization from the Rococo Period (about 1720) to the present. Emphasis is placed upon the principal composers and their works related to the history and philosophy of each stylistic period and interrelationships with the arts and humanities in general. The stylistic periods covered include Rococo, Classical, Romantic, Impressionist, and the diverse directions of the twentieth and twenty-first centuries. The course is designed for the music major but open to all.

**MUSIC 32, Appreciation of Music** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is designed for the non-major. It utilizes a broad approach to musical literature, primarily of the sixteenth through twenty-first centuries, and its place in the cultural development of Western Civilization. It provides the tools for a basic understanding of music, an awareness of the primary musical styles, comprehension of the building blocks of music, and the development of an attentive level of listening.

**MUSIC 33, Jazz in American Culture** **3 units**

Transfer: UC (meets UC Berkeley American Cultures graduation requirement), CSU

*IGETC AREA 3A (Arts)**Satisfies Global Citizenship*

- *Prerequisite: None.*

This course concentrates on the origin, development and major musical styles of Jazz music in American culture with significant emphasis placed on the sociopolitical and economic realities that resulted in shaping the musical decisions of the primary innovators. The course will further illustrate how the multicultural intersection of the African-American, European-American and Chicano/Latino communities has been, and continues to be, an essential element for the existence and proliferation of this uniquely American art form. Designed for the non-major.

**MUSIC 34, Survey of Piano Music** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is an examination of the history of the piano and the music written for it. It is an ideal companion for any of the elementary or intermediate piano courses and a good introductory music course for any student with an interest in keyboard music. The course is designed for a student with no previous musical knowledge or experience.

**MUSIC 36, History of Rock Music** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)**Satisfies Global Citizenship*

- *Prerequisite: None.*

This course is a musical and cultural survey of popular music widely referred to as Rock & Roll. Musical trends are followed from influential traditions of early blues and jazz at the beginning of the twentieth century and include the emergence of Rock & Roll in the early 1950's, Motown, the "British Invasion", Art Rock, Heavy Metal, Punk, Rap and Hip-Hop, Techno, Grunge, Electronica, Garage Rock and Modern Rock.

**MUSIC 37, Music in American Culture** **3 units**

Transfer: UC (meets UC Berkeley American Cultures graduation requirement), CSU

*IGETC AREA 3A (Arts)**Satisfies Global Citizenship*

- *Prerequisite: None.*

This course is a survey of the music of Native Americans, European Americans, African Americans, Latino Americans and Asian Americans from their historical roots to the present, including blues, gospel, bluegrass, zydeco, salsa,

mariachi, norteno, and taiko, and the impact of traditional music on American pop styles. The course examines musical elements, the role of music in society, and how music reflects culture. Students will develop listening and descriptive skills through a variety of media including recordings, video and live demonstration. The course is open to all regardless of previous musical background or experience.

**MUSIC 39, History of Opera** **3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*

The history of opera, from 'l'Orfeo' by Monteverdi to the present day. An examination of the creative elements of opera which combines the visual, vocal, instrumental, literary and kinesthetic arts into an art form that can measure a civilized culture. The origins of modern opera in Italy, soon followed by French, German, Russian, English, Spanish, other European and American variations, and a worldwide variety of theater forms presented in the language of music.

## Music: Theory, Performance and Application

See also "Music: Appreciation &amp; History"

Some performance courses require auditions during the first week of class. A maximum of 12 units is allowed in performance courses.

**MUSIC 1, Fundamentals of Music** **3 units**

Transfer: UC\*, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*

\*No UC transfer credit for Music 1 if taken after Music 2. See also Music 66.

This course provides the study of the rudiments of music notation, including scales, intervals, triads and seventh chords. Also included are rhythmic drills, sight singing and exercises using computer-assisted-instruction. This course (or the equivalent) is a prerequisite for all other music theory courses.

*Music 1 is equivalent to the theory portion of Music 66. Credit may be earned for Music 1 or 66 but not both.*

**MUSIC 2, Musicianship** **2 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*
- *Corequisite: Music 6.*
- *Advisory: Music 1.*

\*No UC transfer credit for Music 1 if taken after Music 2.

This course covers sight singing with the "movable do" system, keyboard harmony, and in-class dictation of melodic lines, rhythmic patterns, intervals, harmonic progressions. Also included are ear training exercises using computer-assisted-instruction. Correlated with Music 6 (Diatonic Harmony).

**MUSIC 3, Musicianship** **2 units**

Transfer: UC, CSU

- *Prerequisite: Music 2.*



- *Corequisite: Music 7.*

This course provides a guided study of basic musical phenomena and traditional notation through sight singing, dictation, ear training, and keyboard harmony with the primary aim of developing musical perception, comprehension and fluency. Topics covered include sight singing with the “movable do” system, keyboard harmony, and in-class dictation of melodic lines, rhythmic patterns, intervals, harmonic progressions. Also included are ear training exercises using computer-assisted-instruction. Correlated with Music 7 (Chromatic Harmony).

#### **MUSIC 4, Musicianship** **2 units**

Transfer: UC, CSU

- *Prerequisite: Music 3.*
- *Corequisite: Music 8.*

This course provides a guided study of basic musical phenomena and traditional notation through sight singing, dictation, ear training, and keyboard harmony with the primary aim of developing musical perception, comprehension and fluency. Topics covered include sight singing with the “movable do” system, keyboard harmony, and in-class dictation of melodic lines, rhythmic patterns, intervals, harmonic progressions, and take-home transcription projects. Also included are ear training exercises using computer-assisted-instruction. Correlated with Music 8 (Modulation and Analysis).

#### **MUSIC 6, Diatonic Harmony** **3 units**

Transfer: UC, CSU

- *Corequisite: Music 2.*
- *Skills Advisory: Music 1.*

This course provides a study of the diatonic materials of the common practice: triads, seventh chords, root progressions, and the strict discipline of part writing based on the Bach chorale. Also included are cadences, nonchord tones, phrase structure, and modulation to closely related keys. Correlated with Music 2 (Musicianship).

#### **MUSIC 7, Chromatic Harmony** **3 units**

Transfer: UC, CSU

- *Prerequisite: Music 6.*
- *Corequisite: Music 3.*

This course continues the study of conventional harmony by introducing secondary dominants, diminished seventh chords, dominant ninth chords, and altered chords such as the Neapolitan, augmented sixth chords, and contemporary chord extensions. The discipline of part writing is continued, and the notions of both permanent and transient modulation are explored. Correlated with Music 3 (Musicianship).

#### **MUSIC 8, Modulation and Analysis** **3 units**

Transfer: UC, CSU

- *Prerequisite: Music 7.*
- *Corequisite: Music 4.*

This course is designed to integrate the elements of harmonic structure presented in Music 6 and 7 with broader concepts of style so that entire compositions of the common practice period can be analyzed and understood. Emphasis is placed on chord analysis, phrase structure, tonal relationships, and macro-form. As a supplement, an introduction to the melodic and harmonic devices of the 20th Century is given. Correlated with Music 4 (Musicianship).

#### **MUSIC 10, Popular Harmony and Arranging** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Music 2 and Music 6.*

This course is the study of the harmonic idioms used in popular music and in jazz. It covers the language of chord symbols, analysis of conventional chord progressions, the writing of lead sheets, and an introduction to commercial and jazz arranging techniques.

#### **MUSIC 12, Introduction to Music Technology** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Music 2 and 6.*

This course is designed to train students in the understanding and application of music technology with emphasis on computer music notation, MIDI sequencing, and digital sound production. It will provide an overview of the various computer and audio components in the Music Department's Music Media Lab and will cover music software programs for music notation and for audio editing and production.

#### **MUSIC 13, Tonal Counterpoint** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Music 3 and 7.*

This course is a detailed study of the contrapuntal style of the Late Baroque period. Original student work in the form of exercises and complete compositions using 18th Century idioms is a part of the study. Analysis and performance of representative works of J.S. Bach and his contemporaries are included.

#### **MUSIC 19, Orchestration** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Music 3 and 7.*

This course is a study of the techniques of scoring music for the standard symphony orchestra. The ranges, colors, transpositions, and technical capabilities of the string, woodwind, brass, and percussion instruments are all studied. Methods of combining the instruments into performing groups of various sizes are also covered.

#### **MUSIC 24, Conducting** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Music 2 and 6.*

Fundamentals in conducting techniques are studied with reference to directing instrumental and vocal organizations.

#### **MUSIC 40, Opera Workshop** **2 units**

Transfer: UC, CSU

- *Prerequisite: Pre-enrollment audition required.*
- *Skills Advisory: Music 50B.*

The philosophy of this course is that everyone who wants to sing opera should have the opportunity to do so. In this workshop, those who are enrolled will be assigned parts commensurate with their experience, vocal technique and enthusiasm for participation.

**MUSIC 40S, Opera Workshop****0.5 unit**

Transfer: UC, CSU

- *Prerequisite: Audition required.*
- *Skills Advisory: Music 50B.*

This course is designed for intermediate and advanced singers interested in developing their vocal abilities and becoming acquainted with and learning selected works from the standard operatic repertoire. The course will offer solo and ensemble experience through singing, acting, and movement leading to the public performance of operatic scenes. This is the summer version of Music 40.

**MUSIC 42, Advanced Opera Production****5 units**

Transfer: UC, CSU

- *Prerequisite: Pre-enrollment audition.*
- *Skills Advisory: Music 50B.*

This course consists of rehearsals and performance of a full-length operatic production with orchestra. Emphasis is placed on the cooperative blending of all theatre and musical activities into a finished public performance.

**MUSIC 45, Musical Theatre Workshop****3 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*

This course introduces the student to theories, techniques and practices of musical theatre performance. The class concentrates on preparing and performing scenes from musical theatre, culminating in a public performance. Attendance at theatre productions for which students must purchase tickets is required.

*Music 45 is the same course as Theatre Arts 45. Students may earn credit for one, but not both.*

**MUSIC 46, Production for the Younger Audience****3 units**

Transfer: CSU

- *Prerequisite: Pre-enrollment audition required. Co-enrollment in Theatre Arts 51 is required.*

This course includes rehearsals and performances of a theatrical production geared specifically for a younger audience. It explores acting skills through the application and development of progressive performance techniques. Emphasis is placed on cooperative blending of all theatre activities into a finished public performance. Students will rehearse and prepare material and learn about the processes of performing for the live theatre. Attendance of theatre productions for which students must purchase tickets is required. Music 46 is the same course as Theatre Arts 53. Students may receive credit for one but not both. *MUSIC 46 is the same course as TH ART 53. Students may earn credit for one but not both.*

**MUSIC 50A, Elementary Voice****2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

Introduction to the fundamental principles of singing: breath control, tone production, diction and the use of appropriate song material.

**MUSIC 50B, Intermediate Voice****2 units**

Transfer: UC, CSU

- *Advisory: Music 50A.*

Continued development of vocal technique, musicianship, style and interpretations and song repertoire.

**MUSIC 52, Advanced Production – Musical Theatre****5 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*

This course includes rehearsals and performances of the department's musical theatre production. Dance laboratory is included. \*See counselor regarding transfer credit limitations.

**MUSIC 53, Jazz Vocal Ensemble****2 units**

Transfer: CSU

- *Prerequisite: Audition required.*

The jazz vocal ensemble is open to all students, subject to audition standards. Selected vocal students function as a musical ensemble. They prepare and perform vocal music in the jazz and popular idiom.

**MUSIC 55, Concert Chorale****2 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*

The concert chorale is open to all students, subject to audition standards. The course includes study and performance of major choral works, both a cappella and accompanied.

**MUSIC 57, Advanced Vocal Performance Techniques****2 units**

Transfer: UC, CSU

- *Prerequisite: Pre-enrollment audition required.*
- *Skills Advisory: Music 1 and Music 50B*

This course is designed for the advanced vocal student. It includes an introduction to the International Phonetic Association sound symbols and their usage in performance preparation; appropriate stylistic exercise and vocalise techniques; song form analysis; in-depth song preparation techniques; professional standards of conduct when working with other musicians; and advanced stage performance and auditioning techniques. Repertoire from the Classical, Jazz, Musical Theater, and Pop genres will be included. The course will include individual in-class performances and culminate in a final public performance of selected material. Acceptance into the course shall be by audition.

**MUSIC 59, Chamber Choir****2 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*

The chamber choir studies and performs compositions ranging from the madrigal to contemporary works suitable for smaller ensembles.

**MUSIC 60A, Elementary Piano, First Level****2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

*See also Music 66.*

Instruction in this course ranges from an introduction to the keyboard to the reading of simple pieces at sight in all major keys. Technical problems, basic music theory, major scales, hand-over-hand arpeggios, simple chording and an introduction to piano literature are stressed.

*Music 60A is equivalent to the piano portion of Music 66. Credit may be earned for Music 60A or Music 66 but not both.*

**MUSIC 60B, Elementary Piano, Second Level****2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 60A.*

Instruction in this course ranges from an introduction to major and harmonic minor scale fingerings, minor key signatures, hand-over-hand arpeggios, triad inversions, primary chord harmonization, sight reading and transposition. Pieces are studied with attention to basic concepts of piano technique and interpretation such as phrasing, tone, touches and dynamics.

### **MUSIC 60C, Elementary Piano, Third Level 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 60B.*

Instruction in this course includes an emphasis on repertoire by master composers with attention to technical approach, interpretation and harmonic analysis. Major and harmonic minor scales, arpeggios and inversions are continued.

### **MUSIC 60D, Elementary Piano, Fourth Level 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 60C.*

In this course elementary pieces from the standard repertoire of all musical periods are studied with an emphasis on technique, interpretation and harmonic analysis. Keyboard musicianship skills, including major and harmonic minor scales, major and minor arpeggios and chord progressions involving seventh chords and secondary triads, are stressed.

### **MUSIC 61A, Intermediate Piano, Fifth Level 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 60D.*

A study of intermediate level original piano compositions by master composers. Includes technical studies, analysis of literature performed, in-depth instruction on the interpretation of literature performed, major and minor scales (4 octaves, hands together), chord progressions and harmonization.

### **MUSIC 61B, Intermediate Piano, Sixth Level 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 61A.*

A study of upper intermediate and early advanced levels of original piano compositions by master composers. Includes technical studies, analysis of literature performed, in-depth instruction on the interpretation of literature performed, major and minor scales (4 octaves, hands together), chord progressions (including modulation).

### **MUSIC 63, Sight Reading at Keyboard 2 units**

Transfer: CSU

- *Skills Advisory: Music 61A or equivalent.*

A course to develop sight reading (Prima Vista) skills. Intended for students who can play pieces that have been practiced repeatedly (or memorized), but who cannot perform music being seen for the first time with any degree of ease of confidence. Student should have the ability to sight read adequately.

### **MUSIC 64, Piano Ensemble 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 61A or equivalent.*

*Student must have the ability to sight read adequately.*  
This course is designed for intermediate to moderately advanced and advanced pianists interested in performing standard literature by master composers for duo piano (2 players/2 pianos), piano duet (2 players/2piano), and piano quartet (4 players/2 pianos). It will cover music written for

this medium from the 18th century to the present. The course will offer public performances in piano ensemble and will require outside preparation.

### **MUSIC 65A, Keyboard Improvisation I 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 60C.*

Instruction includes 7th, 9th, 11th and 13th chords; their voicing and use in jazz standards. Improvisation techniques for jazz, blues, pop, Latin and gospel style are included.

### **MUSIC 65B, Keyboard Improvisation II 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 65A.*

Continuation and application of material studied in Music 65A, including all 7th, 9th, 11th and 13th chords, their voicing and use in jazz standards. Improvising techniques for jazz, blues, pop, Latin and gospel styles are included.

### **MUSIC 66, Fundamentals of Music and Elementary Piano 5 units**

Transfer: UC, CSU

- *Prerequisite: None.*

*See also Music 1 and Music 60A.*

This course combines the study of the rudiments of music theory with an introduction to the keyboard. Included is the knowledge of music notation, scales, intervals, triads and seventh chords, rhythmic drills and sight singing. Piano studies include technical exercises, major scales, hand-over-hand arpeggios, simple chording and an introduction to piano literature. The fundamentals of music component of this course (or the equivalent) is a prerequisite for all other music theory courses. The piano component (or the equivalent) is a prerequisite for all other piano courses.

*Music 66 is equivalent to taking Music 1 and Music 60A. A student taking Music 66 may not earn credit for Music 1 or Music 60A.*

### **MUSIC 69D, Interpretation of 20th Century Piano Music 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Music 61B or equivalent.*

This course will focus on the performance of standard keyboard repertoire by major composers of the twentieth century. The composers under study will include Debussy, Ravel, Scriabin, Bartok, Hindemith, Schoenberg, Prokofiev, Kabalevsky, Stravinsky, Copland, Barber, Ginastera, and others. This course is designed for upper-intermediate or early advanced pianists.

### **MUSIC 70A, String Instrument Techniques 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course provides instruction in and reinforcement of the basic skills needed to play the instruments of the orchestral string family (violin, viola, cello and bass). Included are hand position, bow hold, fingerings, intonation, and posture.

### **MUSIC 70B, Intermediate Strings Techniques 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 70A.*

This course is designed as an intermediate level class to continue development of the skills needed to play bowed

string instruments (violin, viola, cello, string bass) and to improve reading skills. This course will offer a first level ensemble experience with emphasis on precision, intonation, balance, and blend. A separate time will be scheduled to help prepare more advanced students for the orchestra.

### **MUSIC 70C, Intermediate Strings Orchestra 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Music 70B or audition.*

This course provides study of musical style and rehearsal techniques as they relate to the performance of intermediate level string orchestra literature. Ability to play a string instrument is required. During the course attention also will be given to technical development of the students in relation to the music that is being studied.

### **MUSIC 71, Woodwind Instrument Techniques 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course provides instruction in and reinforcement of the basic technical skills need to play instruments of the woodwind family, including embouchure development, standard and auxiliary fingerings, hand position, posture, and diaphragmatic breathing. Instruments of the woodwind family include flute, clarinet, oboe, bassoon, and bass clarinet.

### **MUSIC 72, Brass Instrument Techniques 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is the study of fundamental techniques, including tone production, fingerings, embouchure and hand position, of standard brass instruments which include trumpet, horn, euphonium, trombone and tuba.

### **MUSIC 73A, Percussion Ensemble Instrument Techniques 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

Instruction in the basic techniques of concert percussion for beginners, emphasizing snare drum and orchestra bells. Techniques of other instruments, including bass drum, cymbals, triangle, tambourine and timpani will be demonstrated. Students will play individually and in small ensembles.

### **MUSIC 73B, Intermediate Percussion Ensemble 2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 73A.*

Instruction in percussion and snare drum at a more advanced level than given in Music 73A. Additional instruction will be given in other percussion instruments, such as bass drum, cymbals, timpani, and tambourine. Class rehearsal as well as outside preparation will lead to public performance.

### **MUSIC 74, Orchestra 2 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*

This course provides study of musical style and rehearsal techniques as they relate to the performance of orchestra literature.

### **MUSIC 74S, Orchestra**

**0.5 unit**

Transfer: CSU

- *Prerequisite: Audition required.*

This course provides study of musical style and rehearsal techniques as they relate to the performance of orchestra literature. Ability to play an orchestral instrument is required.

### **MUSIC 75, Instrumental Chamber Music Repertoire**

**2 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*

The study of musical literature, musical style, rehearsal techniques and ensemble playing as they relate to the performance of instrumental chamber music.

### **MUSIC 76, Intermediate Brass, Woodwinds, and Percussion**

**2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 71, 72, 73A, or 73B.*

This course is designed as an intermediate level class to continue skill development of the individual brass, woodwind, and percussion instruments and improve reading skills. The course will offer a first-level ensemble experience with emphasis directed to precision, intonation, balance and blend.

### **MUSIC 77, Wind Ensemble**

**2 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*

This course provides study and performance of musical literature written for wind ensemble with emphasis on style and rehearsal technique as they relate to the performance of band literature. Ability to play a band instrument is required.

### **MUSIC 77S, Wind Ensemble**

**0.5 unit**

Transfer: CSU

- *Prerequisite: Audition Required.*

This course provides study and performance of musical literature written for wind ensemble with emphasis on style and rehearsal technique as they relate to the performance of band literature. Ability to play a band instrument is required.

### **MUSIC 78, Jazz Ensemble**

**2 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*

This course provides rehearsal and performance of literature written for large jazz ensembles with emphasis on methods and materials. Musical materials include published arrangements of standard tunes, special arrangements of standard tunes, and contemporary compositions in the jazz idiom and selected according to the ability of the group. Ability to play an instrument and instructor's approval are required.

### **MUSIC 79A, Jazz Improvisation**

**2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Music 1.*

This course focuses on the development of idiomatic jazz improvisation skills through the study of jazz standard tunes, 12 bar blues, jazz theory, ear training, transcriptions and performance.



**MUSIC 81, Introduction to Mariachi Performance** **2 units**

Transfer: UC, CSU

- *Prerequisite: Audition to demonstrate basic skills on violin, trumpet, guitar, vihuela, guitarron or voice.*

An ensemble for musicians interested in playing and singing mariachi music. Emphasis on learning to play mariachi instruments: (violin, trumpet, guitar, vihuela, guitarron and voice), in the proper style to play well as part of a group and to differentiate mariachi music from other types of Mexican music.

**MUSIC 84A, Popular Guitar, First Level** **2 units**

Transfer: UC, CSU

The study and performance of popular guitar styles in the range of beginning to intermediate skills of music reading, interpretation and performance.

*Students must have a guitar in good playing condition.*

**MUSIC 84B, Popular Guitar, Second Level** **2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 84A.*

The study and performance of popular guitar styles in the range of intermediate difficulty are the goals of this course. The course includes finger styles as found in Folk, Rock, Jazz, and their variations.

*Students must have a guitar in good playing condition.*

**MUSIC 84C, Popular Guitar, Third Level** **2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 84B.*

The study and performance of popular guitar styles in the range of intermediate difficulty are the goals of this course. The course includes finger styles as found in Folk, Rock, Jazz, and their variations.

**MUSIC 87A, Classical and Flamenco Guitar, First Level** **2 units**

Transfer: UC, CSU

This course focuses on music reading in first position from beginning to intermediate level and on right and left hand skills.

*Students must have a nylon strung classical guitar in good condition.*

**MUSIC 87B, Classical and Flamenco Guitar, Second Level** **2 units**

Transfer: UC, CSU

- *Skills Advisory: Music 87A.*

This course focuses on music reading above first position at the intermediate level and on right and left hand skills. *Students must have a nylon strung classical guitar in good condition*

**MUSIC 88A, Independent Studies in Music** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**MUSIC 88B, Independent Studies in Music** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

**MUSIC 92, Applied Music Instruction** **2 units**

Transfer: UC, CSU

- *Prerequisite: Audition required.*
- *Corequisite: Music 94; and one of the following: Music 40, 42, 45, 52, 53, 55, 59, 64, 73B, 74, 76, 77, 78.*

*Auditions will be held. For information call SMC Music Department at 434-4323 or smc.edu/music.*

*Students will be assigned section numbers after acceptance into the program.*

This course is designed to provide students with individual instruction in the applied areas of instrumental performance, vocal performance, and composition. The two units of credit require a weekly one-hour private lesson and five hours of individual practice per week. Students may repeat for credit for a total of four semesters.

**MUSIC 94, Concert Music Class** **1 unit**

Transfer: UC, CSU

- *Prerequisite: Audition required.*
- *Corequisite: Music 92; and one of the following: Music 40, 42, 45, 52, 53, 55, 59, 64, 73B, 74, 76, 77, 78.*

This course is designed to provide students in the Applied Music Program performance opportunities in a controlled environment in the areas of instrumental performance, vocal performance, and composition. Students may repeat this class for credit for a total of four semesters.

## Noncredit Classes

Noncredit courses are free to students. These courses do NOT carry academic credit. For more information, please look for the following course headings:

***Bicycle Maintenance – Noncredit***

***Business – Noncredit***

***Counseling – Noncredit***

***Counseling:***

***Disabled Student Services – Noncredit***

***Early Childhood Education – Noncredit***

***English – Noncredit***

***ESL – Noncredit***

***Health – Noncredit***

***Nursing - Noncredit***

***Political Science - Noncredit***

## Nursing

**NURSNG 1E, Nursing Neighborhood** **0 units**

This is a companion course for nursing students to participate in a special online experience called the "nursing neighborhood." Contact the department for details.

**NURSNG 10, Nursing Skills** **2 units**

Transfer: CSU

- *Prerequisite: Admission to Nursing Program: Anatomy 1, English 1, Microbiology 1, Physiology 3.*

*Nursing 10 and 10L must be taken concurrently.*

The focus of this introductory nursing fundamental course is to provide the beginning student with a conceptual basis in meeting self-care deficits of older adults in a non-acute environment. Emphasis is placed on assisting the student in learning to use Orem's Self Care Model and the nursing process as an underlying framework for the development of critical thinking while implementing basic nursing care.

### **NURSNG 10L, Nursing Skills Laboratory 2 units**

Transfer: CSU

- *Prerequisite: Admission to Nursing Program: Anatomy 1, English 1, Microbiology 1, Physiology 3.*

*Nursing 10 and 10L must be taken concurrently.*

The focus of this clinical course is to provide the opportunity for skill performance and transfer of theory to the clinical setting. The clinical setting will include the Health Sciences Learning Center laboratory and non-acute clinical environments with focus on the older adult.

### **NURSNG 15, Nursing Fundamentals 2 units**

Transfer: CSU

- *Prerequisite: Nursing 10, 10L and 36.*
- *Corequisite: Nursing 15L.*

The focus of this nursing fundamentals course is to provide the continuing student with opportunities to develop competencies in providing nursing assistance to meet patient/client self-care deficits. Students will utilize the nursing process and the Orem's Self-Care Model as the framework to apply critical thinking skills while implementing nursing care for adults. Medical-Surgical nursing content will be introduced with the focus on fluid volume imbalance, peri-operative care and genito-urinary health deviations. Nursing care will be provided to adults and older adults in acute and non-acute environments. The companion clinical course, Nursing 15L must be taken concurrently.

### **NURSNG 15L, Nursing Fundamentals Laboratory 2 units**

Transfer: CSU

- *Prerequisite: Nursing 10, 10L and 36.*

*Concurrent enrollment in Nursing 15 is required.*

The focus of this nursing laboratory course is to provide the continuing student with the opportunity for application of theoretical knowledge to the provision of client care in the clinical setting. Students will begin to utilize critical thinking skills as they apply theoretical concepts to clinical practice while implementing nursing care for adults and older adults. Nursing care will be provided to adults and older adults in acute and non-acute environments.

### **NURSNG 16, Physical Assessment 1 unit**

Transfer: CSU

- *Prerequisite: Nursing 10, 10L or equivalent.*

The focus of this course is to enable the student to further develop techniques of physical assessment. It includes a description of fundamental assessment techniques including measurement of vital signs, then details assessment procedures and findings for specific body systems. The examination techniques presented are related primarily to adult patients. Gerontological considerations are included for each body system, with a focus on identifying normal age-related variations.

### **NURSNG 17, Pharmacological Aspects of Nursing 3 units**

Transfer: CSU

- *Prerequisite: Physiology 3.*

This as an introductory course in pharmacology designed to enable the student to recognize the various classes of drugs used in modern medicine. It includes a brief review of anatomy and physiology, how drugs exert their effects, the major indication for drug use, routes of administration, expected and adverse drug effects, precautions and contra-indications. Emphasis is on prescription drugs, but over the counter medications are also included.

### **NURSNG 19, Orientation to Advanced Placement – ADN Program 2 units**

Transfer: CSU

- *Prerequisite: Eligible for Advanced Placement.*

The focus of this course is to orient the advanced placement nursing student, the foreign trained nurse, or equivalent, to the philosophy and expectations of the second year of the registered nursing program. Special emphasis is placed on having the student utilize the Orem's Self-Care Model and the nursing process in planning, implementing, and evaluating the nursing care of patients through case studies.

### **NURSNG 20, Introduction to Medical-Surgical Nursing 2 units**

Transfer: CSU

- *Prerequisite: Nursing 15, 15L.*

*This course must be taken concurrently with the laboratory component, Nursing 20L and Nursing 17.*

The focus of this course is on the pathophysiology and required nursing assistance for adult patients, including the geriatric patient, with acid-base imbalances, electrolyte imbalances and related endocrine health deviations. Universal self-care requisites are applied to specific client groups requiring nursing care to manage hypertension and peripheral vascular disease. The pathophysiology and required nursing assistance for clients with health deviations affecting the musculoskeletal system, and the eye and ear are also explored. Special emphasis is placed on having the student utilize Orem's Self-Care Model and the nursing process in planning, implementing and evaluating nursing care of selected patients. Strategies to promote critical thinking will serve as the foundation for making nursing care decisions.

### **NURSNG 20L, Introduction to Medical-Surgical Nursing Laboratory 2 units**

Transfer: CSU

- *Prerequisite: Nursing 15 and 15L.*

*This course must be taken concurrently with Nursing 20.*

The focus of this nursing laboratory course is to provide the student with the opportunity to apply essential medical-surgical knowledge and skills to the provision of client care in the clinical setting. Students will utilize critical thinking, therapeutic communication, and Orem's self-care model when providing nursing care for the adult and older adult with electrolyte, acid-base, and endocrine imbalances; and musculoskeletal, hypertensive, peripheral vascular and sensory health deviations. Nursing care will be provided in acute and community settings.

### **NURSNG 25, Psychiatric – Mental Health Nursing** **1.5 units**

Transfer: CSU

- *Prerequisite: Nursing 20 and 20L (or Nursing 19 and Advanced Placement).*

*This course must be taken concurrently with Nursing 25L.* The focus of this specialty course is to introduce the nursing student to the principles of psychiatric-mental health nursing as applied to patients across the life span. Emphasis will be placed on meeting self-care deficits of patients exhibiting symptoms of common psychiatric disorders and patients experiencing emotional responses to stress and illness. This course will cover concepts of mental health, mental illness, stress, and coping, assessment of common psychiatric disorders, biological and psychosocial modes of intervention, and therapeutic nursing responses.

### **NURSNG 25L, Psychiatric Mental Health Nursing Laboratory** **1.5 units**

Transfer: CSU

- *Prerequisite: Nursing 20 and 20L (or Nursing 19 and Advanced Placement).*
- *Advisory: Speech 5 and Psychology 19.*

*This course must be taken concurrently with Nursing 25.* The focus of this nursing laboratory course is to provide the student with the opportunity to apply theoretical knowledge to patient care in the clinical setting. Students will utilize critical thinking strategies, therapeutic communication skills, and Orem's self-care model when providing nursing care to patients manifesting behaviors of psychiatric disorders. The clinical setting will include acute psychiatric facilities and non-acute community mental health programs.

### **NURSNG 28, Community-Based Nursing Practice** **1 unit**

Transfer: CSU

- *Prerequisite: Nursing 20 and 20L or Nursing 19 and Advanced Placement.*

*Nursing 28, 25, 25L and 16 must be taken concurrently.* This course provides the nursing student with the opportunity to apply the nursing process to care for individuals and groups where they live, work, go to school, or as they move through the health care system. The emphasis is on health promotion, assessment of universal self-care requisites, and management of chronic conditions. Clinical practice and validation opportunities are provided in home health, outpatient, and ambulatory care settings.

### **NURSNG 30, Intermediate Medical-Surgical Nursing** **2.5 units**

Transfer: CSU

- *Prerequisite: Nursing 16, Nursing 17, Nursing 25, Nursing 25L, Nursing 28.*

*Nursing 30 and 30L must be taken concurrently.* This course presents increasingly complex concepts involving adults with both medical and surgical health deviations and the required nursing assistance. It utilizes Orem's Self-Care Model in meeting health deviation needs of the patient experiencing gastrointestinal, renal, oncological, hematological, female reproductive, and immune system disorders. The universal self-care requisites are assessed and evaluated. Emphasis is placed on the development of a broad, scientific knowledge base including reasoning, judgment, communication, critical thinking, and professional role development. The nursing process and professional role development are used as an organization and

practice framework. Gerontology concepts are presented along with health promotion and health maintenance strategies.

### **NURSNG 30L, Intermediate Medical-Surgical Nursing Laboratory** **2.5 units**

Transfer: CSU

- *Prerequisite: Nursing 16, Nursing 17, Nursing 25, Nursing 25L, Nursing 28.*

*Nursing 30 and 30L must be taken concurrently.*

The focus of this nursing laboratory course is to provide the continuing student with the opportunity to apply increasingly complex medical-surgical concepts of care for adults with health deviations. Students will assess, plan, provide, and evaluate the provision of nursing assistance in the clinical laboratory. The Orem's Self-Care Model will be used as a framework to safely meet nursing needs of the patient with gastrointestinal, renal, oncological, hematological, female reproductive, and immune system disorders. Students will assess the adult and older adult's self-care requisites, determine the therapeutic self-care demand, and apply the nursing process. Professional role development is integrated throughout, along with application of critical thinking, communication theory, clinical judgment, and sound reasoning. Laboratory experiences will be held in the acute care or community setting.

### **NURSNG 35, Advanced Medical-Surgical Nursing** **2.5 units**

Transfer: CSU

- *Prerequisite: Nursing 30 and 30L or Nursing 19 and Advanced Placement.*

*Nursing 35 and 35L must be taken concurrently.*

The focus in this course is to enable the student to develop competencies in understanding complex health problems and managing health deviations related to the neurosensory, cardiovascular, and respiratory disorders and the burn injury patient. Students will utilize Orem's Self-Care Model and the nursing process in assessing self-care requisites of selected patients. Students will determine the therapeutic self-care demand and design a plan of care that promotes the optimal level of function of adults and older adults with complex health problems. Principles of delegation are explored.

### **NURSNG 35L, Advanced Medical-Surgical Nursing Laboratory** **2.5 units**

Transfer: CSU

- *Prerequisite: Nursing 30 and 30L or Nursing 19 and Advanced Placement.*

*Nursing 35 and 35L must be taken concurrently.*

The focus of this nursing laboratory course is to allow the student an opportunity to demonstrate competencies in skills and managing health deviations related to the neurosensory, cardiovascular, respiratory disorders and the burn injury patient. Students will exhibit competencies in utilizing Orem's Self-Care Model and the nursing process to calculate the therapeutic self-care demand of selected patients. Students will utilize the clinical pathways in providing care to patients with complex health problems. Principles of delegation are implemented.

### **NURSNG 36, Calculations in Drugs and Solutions** **1 unit**

- *Prerequisite: None.*

This course reviews the mathematics used in medical calculation. It investigates the systems of measurements and methods of computing safe and accurate medical dosages.

### **NURSNG 40, Nursing of Children** 1.5 units

Transfer: CSU

- *Prerequisite: Nursing 35, Nursing 35L, and Psychology 19 (or Nursing 19 and Advanced Placement).*

*Nursing 40 and 40L must be taken concurrently.*

The focus of this course is to assist the nursing student in acquiring the essential knowledge and principles of pediatric nursing. The student will plan and provide nursing care to the hospitalized child with common health deviations. Preventive and safety measures appropriate to the developmental level of children are incorporated due to children being dependent-care agents. Students will utilize critical thinking/problem solving to modify therapeutic nursing interventions and communication techniques based on the developmental level of the child. Emphasis is also on health promotion, preventive measures, developmental principles, and the impact of illness on the family.

### **NURSNG 40L, Nursing of Children Lab** 1.5 units

Transfer: CSU

- *Prerequisite: Nursing 35, Nursing 35L, and Psychology 19 (or Nursing 19 and Advanced Placement).*

*Nursing 40 and 40L must be taken concurrently.*

The pediatric clinical experience provides opportunities to assist the nursing student in planning and managing nursing assistance for hospitalized pediatric patients with common health deviations. The learner will have opportunities to demonstrate competency in the application of critical thinking to aid in decision-making, organizational skills, nursing theory, and concepts. Implementation strategies reflect increasing breadth and depth of theory and utilization of therapeutic communication techniques appropriate for the pediatric population.

### **NURSNG 45, Women's Health Care** 1.5 units

Transfer: CSU

- *Prerequisite: Nursing 35, Nursing 35L, and Psychology 19 (or Nursing 19 and Advanced Placement).*

*Nursing 45 and 45L must be taken concurrently.*

This course utilizes Orem's Self Care Model as a framework to assess the special needs of women and manage their health care throughout the life span. Emphasis is placed on the enhancement of critical thinking skills to promote health of the childbearing family during the antepartum, intrapartum, and postpartum periods. Focus is on the normal process of childbearing and newborn care and includes discussion of high-risk maternal and perinatal conditions. Therapeutic communication techniques are integrated that recognize the unique relationship of the perinatal nurse and the childbearing family. Course content builds upon previously acquired medical/surgical concepts, professional role, and leadership behaviors.

### **NURSNG 45L, Women's Health Care Lab** 1.5 units

Transfer: CSU

- *Prerequisite: Nursing 35, Nursing 35L, and Psychology 19 (or Nursing 19 and Advanced Placement).*

*Nursing 45 and 45L must be taken concurrently.*

The focus of this nursing laboratory course is to provide the student with the opportunity to apply the self care model when managing the care of women across the life

span. Students will assess, plan, provide, and evaluate care of women during the childbearing experience in the clinical setting. Opportunities will be provided to allow the student to enhance critical thinking skills while promoting women's health behaviors. Students will utilize therapeutic communication strategies in all interactions with clients while providing care. Laboratory experiences will occur in the acute care setting and will build upon previously acquired medical/surgical concepts, professional, and leadership behaviors.

### **NURSNG 50, Professional Role Transition** 1 unit

Transfer: CSU

- *Prerequisite: Nursing 40 and 40L; Nursing 45 and 45L. Nursing 50 and 50L must be taken concurrently.*

The purpose of this course is to facilitate the transition from student nurse to the role of entry-level staff nurse. Emphasis is on the theoretical concepts of leadership and management. The student will integrate knowledge and skills pertinent to the role of manager of care for a group of patients and members of the health care team. The role of manager incorporates delegation, priority setting, legal-ethical issues, and health care delivery systems. Issues and trends relevant to professional nursing will be explored.

### **NURSNG 50L, Professional Role Transition Lab** 2 units

Transfer: CSU

- *Prerequisite: Nursing 40 and 40L; Nursing 45 and 45L. Nursing 50 and 50L must be taken concurrently.*

The purpose of this course is to facilitate the transition from student nurse to the role of entry level staff nurse. Emphasis is on the implementation of theoretical concepts of leadership and management. This course will allow the student to apply knowledge and skills pertinent to the role of manager of care for a group of patients and members of the health care team. The role of manager incorporates delegation, priority setting, legal ethical considerations, and health care delivery.

### **NURSNG 60, Multicultural Health and Healing Practices** 3 units

Transfer: CSU

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course introduces the student to the health and healing beliefs and practices among people from culturally diverse backgrounds. Cultural concepts applicable to health and wellness behavior are examined. The health, healing beliefs and practices of select American cultural groups: Native, Asian, African, Latino, and European, will be studied in the larger context of the American health care delivery system.

*NURSNG 60 is the same course as HEALTH 60. Students may earn credit for one but not both.*

### **NURSNG 90A, Nursing Internship** 1 unit

Transfer: CSU

Please see "Internships" section.

### **NURSNG 90B, Nursing Internship** 2 units

Transfer: CSU

Please see "Internships" section.



## Nursing – Noncredit

The courses below are intended for students enrolled in the Santa Monica College nursing program. The following courses are noncredit and free. They do NOT carry academic credit.

### **NURSNG 900, Supervised Tutoring 0 units**

The purpose of this course is to provide additional assistance to nursing students, enrolled in Santa Monica College Nursing Program, in order to facilitate understanding the core concepts taught in the courses in the nursing curriculum. The course will assist the student in being able to determine their comprehension of the content taught in the nursing course (s) and facilitate the transfer of nursing concepts. A stimulating learning environment will be created for active communication and interaction among students and instructor. The learning environment will provide an opportunity for students to verbalize their thinking, understanding of underlying pathophysiology and its relevance to the therapeutic regime and therapeutic nursing interventions. Consistent attendance and participation are essential to the effectiveness of the supervised tutoring sessions.

## Nutrition

### **NUTR 1, Introduction to Nutrition Science 3 units**

Transfer: UC, CSU

C-ID: NUTR 110.

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Human nutrition, integrating anatomy, physiology, biochemistry, and psychology, is studied in relation to wellness and degenerative disease prevention. Scientific information and principles provide the foundation for evaluating current concepts in nutrition for practical application in daily living.

### **NUTR 3, Introduction to the Dietetics Profession 1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course explores the fields of Dietetics and Nutrition, including trends, future projections, and employment opportunities. The course offers an overview of the dietetics profession including career options, professional development, continuing education, code of ethics, state and national standards of scope and practice, professional values, creativity, Academy of Nutrition and Science position papers and evidence-based references and resources. Additionally, each student will be guided through the process of creating a resume, the processes of building a portfolio and networking through the district dietetic association and contribute to the nutritional status of the community. Service learning may be used in this course.

### **NUTR 4, Healthy Lifestyle: Food and Fitness 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course will help individuals to develop knowledge of how to eat healthy for fitness, health and sport. Nutrition and physical assessments will guide the development of these life style skills. The dangers of disordered eating and

body dysmorphia will be discussed. Individuals will learn how to evaluate the latest weight loss, fitness and dietary supplement fads.

### **NUTR 7, Food and Culture in America 3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Advisory: Nutrition 1.*

The evolution of American food culture is examined from a historical, contemporary, economic, political and scientific survey of ethnic groups in America, including Native Americans, European Americans, African Americans, Asian Americans, and Latinos. Immigration, enculturation, acculturation, religion, food availability, food preference, food behavior, food preparation, food beliefs and food-related gender roles are considered. These factors are compared and contrasted across the ethnic groups and regions in America. The impact of "Americanization" on ethnic cuisines and impact of ethnic cuisines on the American economy are explored. Current research on the health- and nutrition-related implications of ethnic groups' food choices/practices is reviewed. Engendering cultural sensitivity and competency is at the core of this course.

### **NUTR 8, Principles of Food with Lab 3 units**

Transfer: CSU

C-ID: NUTR 120.

- *Prerequisite: None.*

Application of food science principles with emphasis on ingredient function and interaction, food preparation techniques, sensory evaluation standards, food safety and sanitation, and nutrient composition of food.

### **NUTR 88A, Independent Studies in Nutrition 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **NUTR 88B, Independent Studies in Nutrition 2 units**

Transfer: CSU

Please see "Independent Studies" section.

### **NUTR 90A, Internship in Nutrition 1 unit**

Please see "Internships" section.

### **NUTR 90B, Internship in Nutrition 2 units**

Transfer: CSU

Please see "Internships" section.

### **NUTR 90C, Internship in Nutrition 3 units**

Transfer: CSU

Please see "Internships" section.

### **NUTR 90D, Internship in Nutrition 4 units**

Transfer: CSU

Please see "Internships" section.

## Occupational Therapy

### **OT 1, Introduction to Occupational Therapy 2 units**

Transfer: CSU

- *Prerequisite: None.*

This course introduces students to the professional field of occupational therapy (OT). It explores the philosophy and practice of occupational therapy (helping people with disabilities regain independence). It defines occupational therapy within a continuum of health care, delineates OT professional levels, describes practice settings, ethics, education and training requirements, and current practice trends.

## Office Information Systems

Please see listing under "Office Technology."

## Office Technology

### OFTECH 1, Keyboarding I 3 units

Transfer: CSU

- *Prerequisite: None.*

Formerly OIS 1. OFTECH 1 is equivalent to the OFTECH 1A, OFTECH 1B, and OFTECH 1C sequence.

This course is designed to teach keyboard mastery by touch, improve speed and accuracy, and use Microsoft Word to create and revise business documents. Proofreading skill development is also included.

*This course uses Microsoft Word 2016 in the PC (windows) environment.*

### OFTECH 1A, Keyboarding 1A 1 unit

Transfer: CSU

- *Prerequisite: None.*

Formerly OIS 1A.

This course is intended for students without previous keyboarding instruction. Emphasis is on keyboard mastery, correct keyboarding techniques, and proofreading skills.

### OFTECH 1B, Keyboarding 1B 1 unit

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Office Technology 1A.*

Formerly OIS 1B.

Students develop speed and accuracy. Emphasis is on using Microsoft Word to produce letters, memos, tables, and reports.

### OFTECH 1C, Keyboarding 1C 1 unit

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Office Technology 1B.*

Formerly OIS 1C.

Course content includes keyboard mastery by touch, correct keyboarding techniques, and proper formatting of letters, memos, reports, tables, and other kinds of personal and business communications.

### OFTECH 5, English Skills for the Office 3 units

Transfer: CSU

- *Prerequisite: None.*

Formerly OIS 5.

This course is designed to review principles of grammar, punctuation, capitalization, and number format; improve vocabulary and spelling; and develop proofreading and editing skills. Word Processing software is used to create and revise business documents.

### OFTECH 9, Keyboarding Improvement 1 unit

Transfer: CSU

- *Prerequisite: None.*

Formerly OIS 9.

This course emphasizes speed and accuracy development, keyboarding technique, and proofreading skills.

### OFTECH 10, Skill Building on the Keyboard 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Office Technology 1, 1C or keyboarding skills of 35 words per minute.*

Computers are used in all work environments. To function efficiently, computer users must be able to input data on a computer keyboard quickly and accurately. This course is designed to develop the computer keyboarding skills that are required to function in the workplace.

### OFTECH 20, Medical Vocabulary 3 units

Transfer: CSU

- *Prerequisite: None.*

This course is designed to develop medical vocabulary skills. Topics include word parts (roots, combining forms, prefixes, and suffixes), body structure, major body systems, and pharmacology. HIPAA (Health Insurance Portability and Accountability Act) guidelines and Internet research tools are also discussed.

### OFTECH 21, Medical Terms and Transcription 1 3 units

Transfer: CSU

- *Prerequisite: None.*

This is a beginning course in operating transcribing machines to produce medical documents. Students learn to transcribe, proofread, and edit a variety of medical documents, including chart notes, history and physical reports, consultations, office procedure notes, and X-ray reports. Emphasis is on vocabulary development related to major body systems, formatting, and language skills.

### OFTECH 22, Medical Terms and Transcription 2 3 units

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Office Technology 21.*

This is an advanced course in medical terms and transcription. Organized by medical specialty, reports and records transcribed include history and physical examination, operative, pathology, radiology, discharge summary, consultation, and progress notes. Emphasis is on refining transcription skills and developing a more extensive medical vocabulary. The use of medical references is also discussed.

### OFTECH 23, Medical Billing (Medisoft) 3 units

Transfer: CSU

- *Prerequisite: None.*

The course introduces the basics of medical insurance billing and current payment methodologies in hospital and physician office settings. Students use MediSoft, a popular medical billing accounting software program, to enter patient and case information, schedule appointments, process transactions, and produce reports and patient statements.

### OFTECH 24, Medical Coding/Billing 1 3 units

Transfer: CSU

- *Prerequisite: None.*

Coding is defined as the translation of procedures, services, and supplies into numeric and/or alphanumeric components for statistical reporting and reimbursement purposes. This course introduces students to CPT, CPT Modifiers, and HCPCS coding procedures.

*This course will cover ICD-10.*

### **OFTECH 25, Medical Coding/Billing 2** **3 units**

Transfer: CSU

- *Prerequisite: None.*

Students develop skills in applying ICD-10-CM Codes to the following specialty areas: Introduction to Coding, An overview of the ICD-10-CM, ICD-10-CM Coding Conventions, Steps in Diagnostic Code Selection, Diagnostic Coding Guidelines, Infectious and Parasitic Diseases, Neoplasms, Diseases of the Blood and Blood Forming Organs, Endocrine, Nutritional, and Metabolic Diseases, Mental and Behavioral Disorders, Diseases of the Nervous System, Disorders of the Eye and Adnexa, Diseases of the Ear and Mastoid Process, Diseases of the Circulatory System, Diseases of the Respiratory System, Diseases of the Digestive System, Diseases of the Skin and Subcutaneous Tissue, Diseases of the Musculoskeletal System and Connective Tissue. Emphasis of this course is to analyze medical records case scenarios and to abstract accurate diagnostic conditions of the human body.

*This course covers ICD-10.*

### **OFTECH 26, Medical Coding/Billing 3** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Office Technology 25.*

This course develops further skills in medical coding/billing. Students apply and evaluate expert level knowledge and experience in abstracting information from the medical records for diagnostic, (ICD-10-CM) and inpatient procedural medical codes, (ICD-10-PCS). Students abstract ICD-10-PCS for a variety of specialty areas such as General Surgery, Radiology, Pathology/ Laboratory, Obstetrics, Placement, Administration, Measuring and Monitoring, Imaging, Nuclear Medicine, Radiation, Oncology, Rehabilitation Mental Health and Substance Abuse, and New Technology Sections. Emphasis of this course is to interpret and apply accurate diagnostic conditions to inpatient hospital-based coding, filing health insurance claim forms, billing, collection, and payment procedures.

### **OFTECH 27, Medical Office Procedures** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course emphasizes essential administrative and clerical skills required to function in a health care environment. Topics of study include records management; insurance, coding, and finance terminology; billing, reimbursement, and collections; telephone and scheduling procedures; medical ethics, law, and compliance; computer usage in the medical office; written communications; and intercultural communications. Students are introduced to electronic billing and scheduling using Medisoft. Health care careers are also discussed.

### **OFTECH 28, Electronic Health Records** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Office Technology 20.*

This course discusses terminology, concepts, and procedures related to electronic health records and provides hands-on applications. Topics of study include advantages, core functions, data sources, workflow, coding standards, and privacy and security regulations of an Electronic Health Record (EHR) system. Students use EHR software to input patient data, create patient records, document office visits, order prescriptions and lab tests, and perform other tasks involved in patient care and management.

### **OFTECH 30, Legal Office Procedures** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: OFTECH 1, Keyboarding 1, or OFTECH 1C, Keyboarding 1C, or 35 wpm.*

This course is designed to prepare students to perform common tasks required of law office administrative assistants. Topics of study include the law office environment; clerical and administrative duties; computers and office systems; court structure; litigation procedures; substantive law (litigation; family; wills, trusts, and probate; business organization; real estate; and criminal) and legal research. Emphasis is on terminology, procedures, and document preparation.

### **OFTECH 31, Legal Terms and Transcription** **3 units**

Transfer: CSU

- *Prerequisite: OFTECH 1, Keyboarding 1, or OFTECH 1C, Keyboarding 1C, or 35 wpm.*

This course is designed to develop skill in using transcription equipment to produce dictated legal documents. Students will use word processing software in the production of documents. Emphasis is on legal terminology; document formatting; proofreading skill development. Areas of study include court systems, civil court documents, litigation, family law, probate, business law, real estate law, and criminal law.

### **OFTECH 33, Records Management** **2 units**

Transfer: CSU

This course introduces students to records and information management. The entire range of records (physical, image, and electronic media) is discussed. Topics of study include alphabetic filing rules, as well as alphabetic, subject, numeric, and geographic storage, retrieval, and transferring systems. The alphabetic filing rules presented are consistent with ARMA (Association of Records Managers and Administrators) guidelines. Also included are an introduction to electronic records management principles and procedures and legal concerns related to records management. Microsoft Access is used to practice electronic records activities.

### **OFTECH 90A, Internship in Office Technology** **1 unit**

Transfer: CSU

Please see "Internships" section.

## **Persian**

Additional hours to be arranged in the Modern Language Lab for Elementary Persian. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

**PERSIN 1, Elementary Persian I 5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

This course introduces basic vocabulary and the fundamentals of modern Persian grammar, structure, and pronunciation as well as reading, writing, and speaking. Using natural and audio-lingual approaches, the course prepares students to hold simple conversations in Persian and write short descriptive compositions. Aspects of Persian culture, history, and geography are covered as well. Students are required to review multi-media materials (audio and video). Language lab is required.

**PERSIN 2, Elementary Persian II 5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Arts and Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Persian 1\*.*

In this course, students are expected to utilize the knowledge of Persian in Persian 1 to expand their vocabulary and familiarize themselves with various forms of the language. In addition to preparing students for further language acquisition, this course also acquaints students with important elements of the literatures and cultures of the Persian-speaking world. Language lab is required.

*\*The advisory for this course is comparable to two years of high school Persian.*

## Philosophy

**PHILOS 1, Knowledge and Reality 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course introduces students to the analysis of various metaphysical and epistemological questions and problems in philosophy, typically including, the nature and limits of knowledge, the existence of God, the Mind-Body Problem, the Freedom vs. Determination debate, and the Absolutism vs. Relativism debate. Related topics in ethics may also be included.

**PHILOS 2, Ethics 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course provides an introduction to the nature of ethical theory (moral philosophy), an analysis of significant ethical theories, and an exploration of the problems encountered in the continuing quest for a satisfactory ethical theory for contemporary society. Some of the main topics in normative ethics and meta-ethics are covered.

**PHILOS 3, Early Philosophers 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course will acquaint the student with some of the ancient Greek contributions to the Western philosophical and scientific tradition and examine a broad range of central philosophical themes concerning: nature, law, justice, knowledge, virtue, happiness, and death. There will be a strong emphasis on analyses of arguments found in the primary texts.

**PHILOS 4, Modern Philosophers 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This study of the principal philosophical developments since the Renaissance emphasizes the relation of philosophy to the growth of science and social and cultural changes in the modern period.

**PHILOS 5, Contemporary Moral Conflicts 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is a philosophic examination of major ethical debates in contemporary American society. Topics may include capital punishment, abortion, euthanasia, racial and sexual equality, affirmative action, sexual morality, pornography, "victimless crimes," bio-medical research, animal rights, and environmental issues. Preparatory to those investigations, time is devoted to studying some of the most important moral theories and various types of moral reasoning.

**PHILOS 6, Philosophy of Science 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is a general introduction to the study of the philosophy of science, aimed at fostering an enhanced awareness of the philosophical aspects and implications inherent in the scientific enterprise. The central concepts and methodology of science will be analyzed, and philosophical issues arising within selected branches of science will be examined. Specific episodes taken from the history of science will be regularly employed to illustrate and elucidate these general ideas. A background in philosophy or the physical sciences is helpful but not a requirement for this course.

**PHILOS 7, Logic and Critical Thinking 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

A course in general logic emphasizing its applications to practical situations. The course covers both inductive and deductive techniques.

**PHILOS 9, Symbolic Logic 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This is a beginning course in modern logic covering symbolic notation and translations, and decision procedures for validity and invalidity of arguments in sentential logic and predicate logic.



**PHILOS 10, Bio-ethics****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Arts and Humanities)*

- *Prerequisite: None.*

This is an introduction to moral philosophy as applied to a range of normative issues raised by contemporary biology and medicine. The course introduces the main moral theories and strategies for moral decision-making, and such topics as assisted or alternative reproduction, abortion, cloning and genetic engineering, suicide, euthanasia and physician-assisted suicide, animal and human experimentation, research, practitioner-patient relationships, and allocation of scarce medical resources.

**PHILOS 11, Philosophy of Art and Aesthetics****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Skills Advisory: Eligibility for English 1.*

An introductory-level survey of some of the philosophical questions that arise from contemplation of art and the artistic process. The main theories of art and beauty will be interpreted and evaluated with respect to the relevance each has for contemporary society. Principles and theories concerning art and beauty will be applied to various works of contemporary art in the major fields. The significance of aesthetic experience and its relevance to life will be examined. The role of the artist and the artist's intention in the creative process will also be analyzed.

**PHILOS 20, Environmental Ethics****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)**Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course introduces the field of environmental ethics with an emphasis on global environmental problems and global citizenship. The conceptual foundations of environmental attitudes and values are examined through an historical survey of philosophies of nature and human/nature relations. Ethical theories are presented and used to analyze contemporary environmental problems, e.g. mistreatment of animals, pollution, climate change, species extinction, natural resource depletion, environmental racism etc. The ethical assumptions underlying various national and international responses to environmental problems will be analyzed and evaluated.

*PHILOS 20 is the same course as ENVRN 20. Students may earn credit for one but not both.*

**PHILOS 22, Asian Philosophy****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

The cultural settings and basic concepts of the major philosophical and religious systems of India, China, and Japan are studied. Rituals and literature are used to compare and contrast Asian and non-Asian belief systems.

**PHILOS 23, Philosophy of Religion****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This is an introduction to several traditional philosophical problems connected with religious belief. Among the issues to be discussed are the existence and nature of God, the problem of evil, mysticism, the rationality of religious belief, and the relationship between reason and revelation.

**PHILOS 24, Philosophy in Literature****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

A philosophical inquiry into themes such as knowledge, truth, justice, freedom, responsibility, love, technology, punishment, self-deception, death, religious faith, and the meaning of life through the examination of selected literary works (novels, short stories, plays, poetry). The course will also focus on certain philosophical issues relevant to the philosophy of literature (ie, how humans emotionally relate to fictional characters, interpretation and artistic intention in literary art, how literature is to be defined, the status of truth in literature).

**PHILOS 41, Philosophical Problems Seminar****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Skills Advisory: Eligibility for English 1.*

This course is designed to enable the interested student to study in depth selected philosophical problems in the areas of epistemology, metaphysics, and value theory. Primary source materials are analyzed and discussed in a seminar atmosphere. Oral and written reports are assigned. Philosophy majors are encouraged to take the course; non-majors are also eligible.

**PHILOS 48, Nonviolent Resistance****3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities) or 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Advisory: Eligibility for English 1.*

*Formerly same course as History 48.*

An examination of the causes of war and violence in world history and the various organized efforts to maintain peace and end wars. Nonviolent resistance movements will be emphasized.

**PHILOS 51, Political Philosophy****3 units**

Transfer: UC, CSU

*IGETC AREA Area 3B (Humanities) or Area 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

In this inter-disciplinary course students examine fundamental ideas about politics in the writings of major Western philosophers from the ancient to the contemporary period, and use those ideas to consider and debate current political issues.

*Philosophy 51 is the same course as Political Science 51. Students may earn credit for one, but not both.*

**PHILOS 52, Contemporary Political Thought****3 units**

Transfer: UC, CSU

*IGETC AREA Area 3B (Humanities) or Area 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*

- *Skills Advisory: Eligibility for English 1.*

This interdisciplinary course in philosophy and political science examines arguments and discourses developed within contemporary political thought. How those discourses critique and/or are rooted in modern ideologies, such as liberalism and socialism will be considered. The theoretical perspectives presented in the course will be used to critically examine important issues in contemporary politics. Students will situate themselves as citizens and political agents in relation to those issues.

*Philosophy 52 is the same course as Political Science 52. Students may earn credit for one, but not both.*

### **PHILOS 88A, Independent Studies in Philosophy 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **PHILOS 88B, Independent Studies in Philosophy 2 units**

Transfer: CSU

Please see "Independent Studies" section.

## **Photography**

### **PHOTO 1, Introduction to Photography 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This non-laboratory course is an introduction to photography including camera techniques and creative considerations. Using the HD/SLR camera format and natural light, students shoot digitally for specific assignments emphasizing exposure, depth-of-field, motion, composition, and image quality. A 35mm Digital Single Lens Reflex camera with manual focus lens and exposure capabilities is required.

### **PHOTO 2, Basic Photography Lab Techniques 2 units**

Transfer: CSU

- *Prerequisite: None.*

This introductory lab course prepares students for general specialization in photography. Black and white exposure techniques, development controls, printing techniques, and film exposures are included. Specific shooting and printing assignments explore a variety of natural light situations and shooting challenges. Weekly lectures support practical supervised laboratory periods. Required for photography majors.

### **PHOTO 5, Digital Asset Management, Modification and Output 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Photography 1.*

An introduction to digital camera exposure methods in various lighting conditions, image processing, basic color theory, color management, and various digital output techniques for both color and black & white imagery. Students are required to use outside commercial lab services and must furnish an approved digital camera with removable lenses (DSLR) which is capable of capturing in the Camera Raw format. A knowledge of basic computer functions is essential.

### **PHOTO 7, Advanced Portfolio Development 3 units**

Transfer: UC, CSU

This class provides the advanced commercial student with the opportunity to develop work to a professional level under the supervision of a faculty adviser on a one-to-one basis. Study facilities as well as color and black and white laboratory privileges are available to the student in support of this portfolio work. Assignments are designed by the student with instructor approval. Admission by interview only.

### **PHOTO 13, News Photography 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Photography 1.*

This survey course in basic news photography is designed for journalism or photography majors and students interested in having work published in magazines and news publications. Students learn basic camera and storytelling techniques through individual assignments and a semester long project, along with photo composition, and picture layout principles. A Digital Single Lens Reflex (DSLR) camera with manual exposure capability is required.

*Photography 13 is the same course as Journalism 21. Students may earn credit for one, but not both.*

### **PHOTO 14, Photography for Publication 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Journalism 21 or Photography 13.*

This advanced course provides an in-depth study of photojournalism with an emphasis on creation of photo story ideas, photo essays, news, sports and feature photos for publication. Photo editing and layout for newspapers, magazines, and online publishing will be covered. Students will comprise the staff of the campus newspaper, The Corsair, and online publications. This course may be repeated once for credit. A Digital Single Lens Reflex (DSLR) camera with manual exposure capability is required.

*Photography 14 is the same course as Journalism 22. Students may receive credit for one, but not both.*

### **PHOTO 21, Alternative Photographic Processes 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Photography 2.*

Introduction into non-traditional and historical photographic processes. Emphasis is placed primarily on non-silver techniques and processes, including the making of enlarged negatives. Processes may include cyanotype, Van Dyke, platinum/palladium and others

### **PHOTO 29, Video Production for Still Photographers 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Photography 3.*

This class is designed to provide the intermediate photography student with the skill set to produce video content in tandem with still photography. This course covers preparing a narrative using a storyboard, HD video camera techniques, lighting for video, recording sound, and video editing. Students will shoot assignments in both still and video formats outputting to broadcast, internet, DVD and print.

**PHOTO 30, Techniques of Artificial Lighting 4 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Photography 5.*

In this class students will acquire a solid foundation of in lighting tools and the practical application of lighting. Students will learn the proper selection and effective use of a light source whether photographing a portrait, a still life or any type of location photography.

**PHOTO 31, Lighting for People 1 4 units**

Transfer: CSU

- *Prerequisite: Photography 30 and 39 (Concurrent enrollment in 39 is permitted).*

In this class, students will be exposed to common approaches for photographing people. Topics are practical in nature and will include lighting methods for individuals and groups both in the studio and on location. The use of various flash systems and their modifiers, augmenting existing light, posing subjects, wardrobe decisions, hair & make up, and more will be addressed. Assignments and lessons will emphasize common genres including, but not limited to, weddings, corporate portraits, family portraits, and headshots.

**PHOTO 32, Lighting for People 2 4 units**

Transfer: CSU

- *Prerequisite: Photography 30 and Photography 39.*

Photo 32 is an advanced course that builds on skills learned in Photo 30 and focuses on techniques for photographing people in commercial settings. Assignments are designed to enhance creativity while utilizing advanced commercial lighting techniques for photographing people. Lectures and demonstrations will take place both in and out of the studio, and are geared toward commercial considerations for photographing people. Commercial genres discussed will include magazine/editorial portraits, advertising, fashion, and glamour/beauty.

**PHOTO 33, Lighting for Products 4 units**

Transfer: CSU

- *Prerequisite: Photography 30 and 39 (Concurrent enrollment in 39 is permitted).*

In this course, students are challenged with lighting applications for a broad range of products for use in a variety of promotional markets. Students research and apply current photographic styles for each type of product. In addition, students learn how to work with models to enhance the product statement and retouching techniques for both models and product types.

**PHOTO 37, Advanced Black and White Printing Techniques 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Photography 2.*

Students will learn the zone system control of exposure and development of films, basic sensitometry, advanced printing techniques including bleaching and toning, use of multiple contrast filters, and archival preservation techniques.

**PHOTO 39, Beginning Photoshop 3 units**

Transfer: CSU

- *Prerequisite: None.*

- *Advisory: Photography 5.*

This course is an introduction to digital imaging for photography majors using Adobe Photoshop. Students will learn how to manipulate, make selections and enhance digital images, including retouching for output to a variety of media.

**PHOTO 40, Digital Techniques 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Photography 30 and 39.*

Utilizing 35mm HDSLR and medium format cameras, the content of this course reflects current professional capture and output techniques used in commercial photography. Curriculum covers extensive testing of cameras, monitors, and inkjet printers in order to create a consistent, closed loop workflow.

**PHOTO 42, Advanced Photoshop 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Photography 39.*

This course covers advanced level digital image manipulation on the computer using Adobe Photoshop and page layout software. Students will continue to explore more complex features of Photoshop, and will make use of the full range of input/output devices and options available in the digital image lab's service bureau.

**PHOTO 43, Portfolio Development 3 units**

Transfer: CSU

- *Prerequisite: Photography 31 or 32, Photography 33, and 39.*

This course addresses the process of building a photographic portfolio that meets the current professional industry standards for presenting work to potential employers and clients. Emphasis is placed on developing a personal style that displays a comprehensive understanding of photographic methods, genres, and presentation.

**PHOTO 50, Basic Color Printing 3 units**

- *Prerequisite: None.*
- *Advisory: Photography 2.*

This course provides an introduction to color printing from negative materials. Students will produce "C" prints from a variety of color films using Dichromic enlargers, Ektaprint chemistry, and a roller transport machine processor. Simple problems, such as color balance, exposure choices, paper surfaces, and enlargement are addressed.

**PHOTO 52, History of Photography 3 units**

Transfer: UC, CSU

*IGETC AREA 3A (Arts)*

- *Prerequisite: None.*

This is a historical survey of the evolving nature of photography from the early 1800's to the present digital age. *Photography 52 is the same course as AHIS 52. Students may earn credit for one, but not both.*

**PHOTO 60, Business Practices in Photography 3 units**

Transfer: CSU

- *Advisory: Photography 1.*

This lecture course examines the necessary steps that a photographer must take to start a commercial photography business. Relevant local, state and federal regulatory

# PHOTOGRAPHY COURSE SEQUENCE

## REQUIRED FOR PHOTOGRAPHY DEGREE (40 units)

| YEAR               | FALL  | SPRING   |
|--------------------|---|--|
| <b>First Year</b>  | Photography 1 (3)<br>Photography 52 (3)<br>Non-photo Elective** (3)                         | Photography 2 (2)<br>Photography 5 (3)<br>Photography 30 (4)<br>Photography 60 (3) |
| <b>Second Year</b> | Photography 31 (4) <b>or</b> Photography 32 (4)<br>Photography 33 (4)<br>Photography 39 (3) | Photography 43 (3)<br>Photography Elective* (5)                                    |

## REQUIRED COURSES (32 units)

Photography 1, Introduction to Photography (3)  
 Photography 2, Basic Photography Lab Techniques (2)  
 Photography 5, Digital Asset Management, Modification, and Output (3)  
 Photography 30, Techniques of Lighting: Introduction (4)  
 Photography 31, Introduction: Photographing People 1 (4) **or** Photography 32, Photographing People: Advanced (4)  
 Photography 33, Techniques of Lighting: Production (4)  
 Photography 39, Beginning Photoshop (3)  
 Photography 43, Portfolio Development (3)  
 Photography 52, History of Photography (3) (same as Art History 52)  
 Photography 60, Business Practices in Photography (3)

## \*AREA B: Restricted Photography Electives

Please note that no more than 2 units of Independent Studies and no more than 3 units of internship may be used to satisfy completion of this degree from the following courses if not used above: (5 units)

Graphic Design 31, Graphic Design Studio 1 (2)  
 Photography 7, Advanced Portfolio Development (3)  
 Photography 13, News Photography (3)  
 Photography 14, Photography for Publication (3)  
 Photography 21, Alternative Printing (3)  
 Photography 29, Video Production for Still Photographers (3)  
 Photography 31, Introduction: Photographing People (4)  
 Photography 32, Photographing People: Advanced (4)  
 Photography 37, Advanced Black and White Printing (3)  
 Photography 40, Digital Capture (3)  
 Photography 42, Advanced Photoshop (3)  
 Photography 50, Basic Color Printing (3)  
 Photography 64, Community Documentary Photography (4)  
 Photography 88A, Independent Studies in Photography (1)  
 Photography 88B, Independent Studies in Photography (2)  
 Photography 88C, Independent Studies in Photography (3)  
 Photography 90A, Internship in Photography (1)  
 Photography 90B, Internship in Photography (2)  
 Photography 90C, Internship in Photography (3)  
 Photography 90D, Internship in Photography (4)

## \*\*Non-photography Elective Courses

Select 1 course from the list below: (3 units minimum)

Art 10A, Design I (3)  
 Art 10C, Computer Design (3)  
 Art 20A, Drawing I (3)  
 Business 22, Introduction to Advertising (3)  
 Business 34, Introduction to Social Media Marketing (3)  
 Business 63, Principles of Entrepreneurship (3)



and taxing agencies and application forms, professional support services, general ledger accounts setup pertinent to photography, photographic business insurance needs, and employer obligations are discussed. Students will learn how to create a simple business plan applicable to photographic ventures. The course also examines issues of sound financial practices specific to profitability in commercial photography, paying particular attention to matters of copyright and image licensing, calculating cost of doing business, strategies for pricing image usage, and negotiating job fees.

**PHOTO 64, Community Documentary Photography** **4 units**

Transfer: CSU

- *Prerequisite:* None.
- *Advisory:* *Photography 2.*

This course explores the genre of documentary photography while focusing on various communities in the Los Angeles area. Students will create an in-depth project and present a portfolio of photographs documenting the unique characteristics of individual communities in Los Angeles. Each semester will offer a unifying, rotating topic that may focus on specific neighborhoods, subcultures, or other appropriate themes. Lectures focus on historical photographic references and contemporary social issues. The importance and power of documentary photography are discussed and historical examples that have inspired change or shaped our perception of communities are explored. Students utilize large format cameras and film (in addition to their own digital cameras) as a way of better understanding historical processes in photography and nurturing a respect for the medium's alternative, non-commercial side.

**PHOTO 88A, Independent Studies in Photography** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**PHOTO 88B, Independent Studies in Photography** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

**PHOTO 90A, Photography Internship** **1 unit**

Transfer: CSU

Please see "Internships" section.

**PHOTO 90B, Internship in Photography** **2 units**

Transfer: CSU

Please see "Internships" section.

**PHOTO 90C, Internship in Photography** **3 units**

Transfer: CSU

Please see "Internships" section.

**PHOTO 90D, Internship in Photography** **4 units**

Transfer: CSU

Please see "Internships" section.

## Photovoltaic Systems

**PV 4, Photovoltaic Technical Sales** **3 units**

- *Prerequisite:* None.
- *Skills Advisory:* *PV 1 or PV 11.*

This course is designed for students interested in a career in the photovoltaics (PV) industry. The fundamental principles of selling PV systems will be covered as well as the activities that support sales such as PV system design and engineering. The course will cover marketing, customer relations, technical and cost proposal development, and working with authorities having jurisdiction over the installation and interconnection of PV systems.

**PV 11, Introduction to Solar Photovoltaics** **3 units**

Transfer: CSU

In this course, students gain a basic understanding of the principles of solar photovoltaic (PV) systems and renewable energy alternatives. Basic electrical theory, the variables of PV system design, and sizing of PV systems are introduced. Topics include the scientific and math principles, physical properties, system components, codes, cell efficiency, and safe installation procedures for prevalent technologies. Students examine the cost and paybacks influencing adoption of solar technologies, as well as its potential in solving energy and environmental problems.

**PV 12, Photovoltaic Installation Exam Preparation** **2 units**

Transfer: CSU

- *Prerequisite:* *PV 11.*

This course examines the theoretical and technical dimensions of solar photovoltaic (PV) systems in detail. Students learn advanced principles of electricity and how they apply to PV systems. They review PV system sizing and design, components and equipment. Detailed discussions on product troubleshooting, net metering laws, local codes, and National Electrical Code (NEC) PV requirements are covered. Successful participants will be qualified to take the North America Board of Certified Energy Practitioners (NABCEP) Entry Level exam.

## Physics

**PHYSICS 6, General Physics 1 with Lab** **4 units**

Transfer: UC, CSU

C-ID: PHYS 105.

*IGETC AREA 5 (Physical Sciences, + LAB)*

- *Prerequisite:* *Math 2.*

This course is an algebra-based study of classical mechanics, including elastic properties of matter and thermodynamics.

**PHYSICS 7, General Physics 2 with Lab** **4 units**

Transfer: UC, CSU

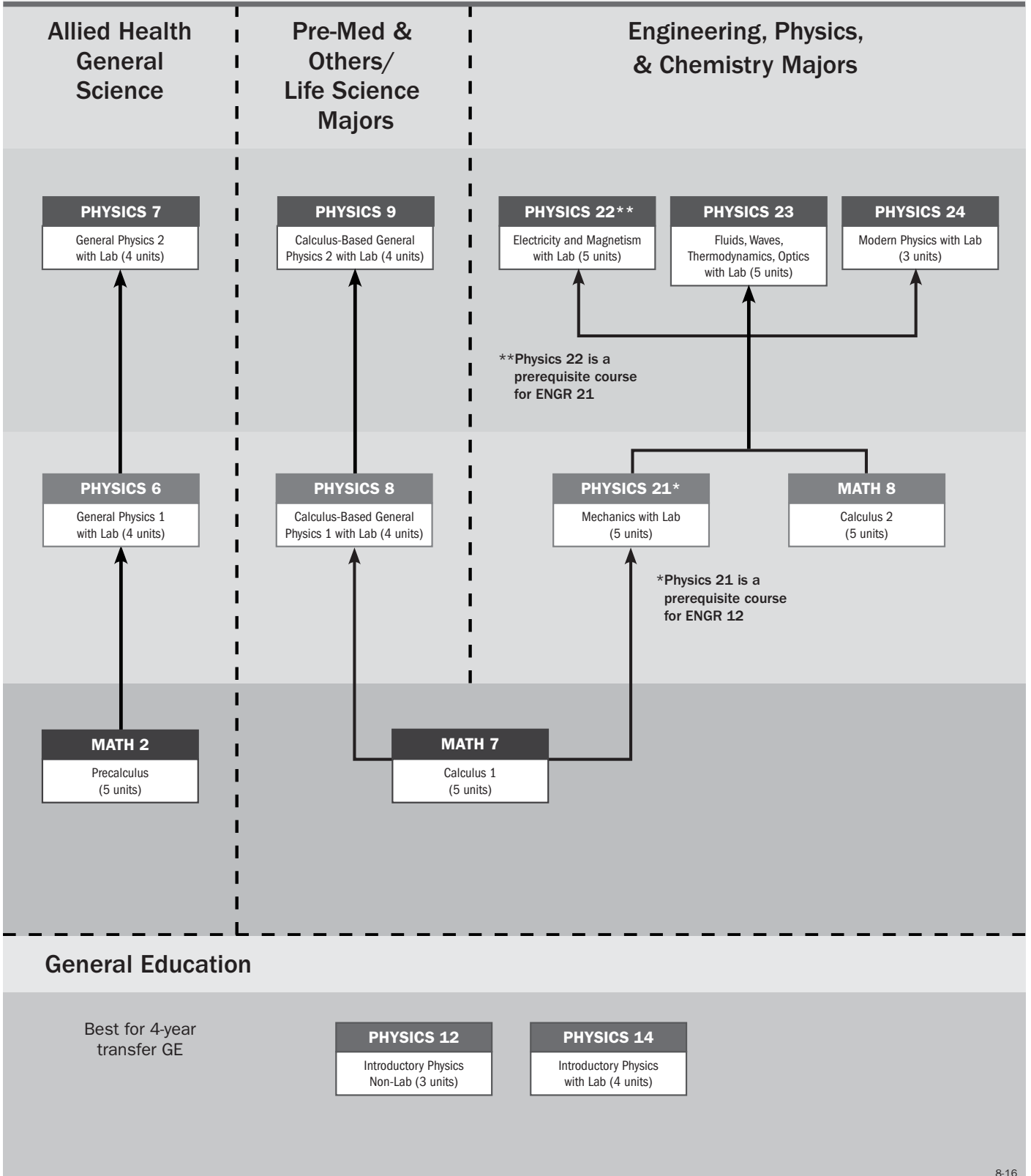
*IGETC AREA 5 (Physical Sciences, + LAB)*

- *Prerequisite:* *Physics 6.*

This course is an algebra-based study of electricity and magnetism, geometrical and wave optics, and some special relativity and quantum physics.

# PHYSICS COURSE SEQUENCE

The correspondence between sequences and majors implied in these titles is only approximate. The sequence best suited for you depends on your major and the university program to which you plan to transfer. Please consult with an SMC counselor to make sure that the sequence you take is appropriate for your goals.



Course Descriptions

**PHYSICS 8, Calculus-based General Physics 1 with Lab** **4 units**

Transfer: UC, CSU

IGETC AREA 5 (Physical Sciences, + LAB)

- Prerequisite: Math 7.

This course is a calculus-based study of the mechanics of solids and liquids, elastic properties of matter, heat, and wave motion.

**PHYSICS 9, Calculus-based General Physics 2 with Lab** **4 units**

Transfer: UC, CSU

IGETC AREA 5 (Physical Sciences, + LAB)

- Prerequisite: Physics 8.

This course is a calculus-based study of electricity and magnetism, geometrical and physical optics, special relativity, and quantum physics.

**PHYSICS 12, Introductory Physics Non-Lab** **3 units**

Transfer: UC, CSU

IGETC AREA 5 (Physical Sciences, non-lab)

- Prerequisite: None.

Physics 12 is designed for the student who is interested in a more conceptual and less mathematical approach to physics. It is a survey course introducing the topics of mechanics, heat, sound, electricity and magnetism, light and modern physics. The emphasis will be on developing conceptual understanding of the laws of nature through lectures, demonstrations, and class discussions. High school math recommended.

**PHYSICS 14, Introductory Physics with Lab** **4 units**

Transfer: UC, CSU

IGETC AREA 5 (Physical Science, + LAB)

- Prerequisite: None.

*Physics 14 is recommended for students who have not had high school physics but are planning to take Physics.*

This course is similar to Physics 12 in content, and difficulty level, but with a laboratory session added to enhance the learning experience. Physics 14 is designed for the student who is interested in a more conceptual and less mathematical approach to physics. It is a survey course introducing the topics of mechanics, heat, sound, electricity and magnetism, light and modern physics. The emphasis will be on developing conceptual understanding of the laws of nature through hands-on experiences, laboratory experiments, and computer interactions, in addition to lectures and demonstrations. Maximum credit for Physics 12 and 14 combined is 4 units. High school math recommended.

**PHYSICS 21, Mechanics with Lab** **5 units**

Transfer: UC, CSU

C-ID: PHYS 205.

IGETC AREA 5 (Physical Sciences, + Lab)

- Prerequisite: Math 7.

*Formerly Physics 1.*

This course is a calculus-based study of the mechanics of rigid bodies, emphasizing Newton's laws and its applications. This course includes an introduction to fluids. It is designed for engineering, physical science, and computer science majors.

**PHYSICS 22, Electricity and Magnetism with Lab** **5 units**

Transfer: UC, CSU

C-ID: PHYS 210.

IGETC Area 5 (Physical Science, + LAB)

- Prerequisite: Math 8, Physics 21.

*Formerly Physics 3.*

This course is a calculus-based study of electromagnetism covering aspects of electric and magnetic fields, DC and AC circuits, electromagnetic interactions, light, and relativity. The course is intended for engineering and physical science students.

**PHYSICS 23, Fluids, Waves, Thermodynamics, Optics with Lab** **5 units**

Transfer: UC, CSU

C-ID: PHYS 215.

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Math 8, Physics 21.

*Formerly Physics 2.*

This course is a calculus-based study of fluids, waves, thermodynamics, and light intended for engineering and physical science students.

**PHYSICS 24, Modern Physics with Lab** **3 units**

Transfer: UC, CSU

- Prerequisite: Physics 21 and Math 8.
- Skills Advisory: Physics 22 and Physics 23.

This course is a calculus-based introduction to modern physics for engineering and physical science students. Topics will be selected from the areas of relativity and quantum physics that include applications to atoms, molecules, solids, and nuclei.

**PHYSICS 88A, Independent Studies in Physics** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**PHYSICS 88B, Independent Studies in Physics** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

**Physiology***Please see listing under "Biological Sciences."***Political Science****POL SC 1, National and California Government** **3 units**

Transfer: UC, CSU

C-ID: POLS 110.

IGETC AREA 4 (Social and Behavioral Sciences)

+ satisfies CSU Constitution and American Ideals graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys and analyzes the principles, institutions, policies, and politics of U.S. National and California State Governments. Students will use course concepts to situate themselves as citizens and political agents.

**POL SC 2, Comparative Government and Politics** **3 units**

Transfer: UC, CSU

C-ID: POLS 130.

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.

- *Skills Advisory: Eligibility for English 1.*

This course surveys the scope and methods of comparative political analysis. It examines democratic, authoritarian, and transitional political systems to illustrate the central theories and ideas in comparative politics. It compares the political structures, processes, and cultures of countries at different levels of economic and social development in several world regions (e.g. Central and Latin America, Africa, the Middle East, Central, South and East Asia, and Western and Central Europe).

**POL SC 3, Introduction to Politics:  
Justice, Power and Agency** **3 units**

Transfer: UC, CSU

*IGETC Area 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Course focuses on the nature and study of politics, from both a historical and contemporary perspective. Students explore the methods and approaches used in the field of Political Science to analyze a variety of political concepts and problems, including the nature and distribution of power, justice, citizenship, sustainability, leadership and agency.

**POL SC 5, International Political Economy:  
Introduction to Global Studies** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course offers an interdisciplinary introduction to the fields of Global Studies and International Political Economy. Students will analyze critically the role of national governments, international organizations, nongovernmental organizations, and multinational corporations, in regard to phenomena such as, international markets and production regimes, monetary and trade policy, international and global conflict, and environmental degradation. Contending theoretical and ideological perspectives regarding international systems, processes, and trends will be applied and evaluated.

*Political Science 5 is the same course as Economics 5 and Global Studies 5. Students may earn credit for one course.*

**POL SC 7, International Politics** **3 units**

Transfer: UC, CSU

C-ID: POLS 140.

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course examines the structure and operation of the international system. Emphasis is placed on the nature and sources of conflict and cooperation and issues of war and peace among states in the international system.

**POL SC 8, The Modern Far East** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course concentrates on the political and social history of East Asia in the 20th century. The following subjects are studied: major movements of social and political change;

revolution; the pattern of political culture and power; the pattern of foreign and domestic policy; and the relationship of East Asia to the Western World.

**POL SC 10, Government Internships** **3 units**

Transfer: CSU

- *Skills Advisory: Eligibility for English 1.*

*Approved internship must be arranged prior to enrollment.* This course is designed to afford student interns the opportunity to earn academic credit for their public service intern experience. The practical experience will include observation of and actual participation in the work of a national, state, or local legislative or executive government agency. Formal academic credit is required by most of the government agencies and officials as a condition of their participation in our internship program. Academic credit is based on a written report or research paper relating to the internship experience of the student and an oral examination.

**POL SC 11, World Affairs  
and the United Nations** **3 units**

Transfer: CSU

- *Skills Advisory: Eligibility for English 1.*

*Political Science 12, Model United Nations, is a companion course to Political Science 11.*

This course examines global conflict and cooperation since World War II, with special emphasis on the United Nations and related organizations. Arms proliferation and control, regional conflicts, world social and economic cooperation, and governmental and nongovernmental efforts to promote peace and security are examined.

**POL SC 12, Model United Nations** **1 unit**

Transfer: CSU

- *Skills Advisory: Eligibility for English 1.*

*This course should be taken concurrently with or subsequent to Political Science 11. Additional fees are required and any costs associated with travel, room and board will be the responsibility of students. Consultation with the instructor is recommended prior to enrollment.*

Students will participate in local, state, or national Model United Nations, and will research country positions, policy issues, United Nation rules of debate and parliamentary procedure, diplomacy negotiation, and techniques of conflict resolution.

**POL SC 14, Middle East Government  
and Politics** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This comparative study of the government and politics of the Middle Eastern states gives emphasis to the study of the relationship between political development, political organization, and social structure.

**POL SC 21, Race, Ethnicity, and the Politics  
of Difference** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*



The social construction of race and ethnicity, gender and sexual orientation in American society and their relationship to local, state, and national government is covered. Of particular concern are problems of assimilation and integration into the political system, the politics of exclusion, discrimination, voting behavior and pressure group politics, ideology, resistance and political action, the social construction of race and racism, the poor and the culture of poverty, political problems of the aged, the young, women, gay, lesbian, bisexual, and transgendered people. This course satisfies the SMC requirement for American Cultures.

### **POL SC 22, Environmental Politics and Policies 3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course examines environmental politics. The political, economic, and social origins of environmental change and degradation are examined, as well as democratic, bureaucratic and market-based solutions to environmental problems advocated by environmental movements, interest groups and political parties. Arguments for best public policy responses to a range of environmental problems will be assessed and debated. The course offers a practical problem-solving approach focusing primarily on the relations between a range of contemporary political values and on what it means to take political responsibility for reducing the human impact on the earth.

*Political Science 22 is the same course as Environmental Studies 22. Students may earn credit for one, but not both*

### **POL SC 23, Sex, Gender, and Power 3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This interdisciplinary course critically explores the politics of gender and sexuality in contemporary societies. The course considers materials from political theory, philosophy, the study of women, the study of masculinity, and queer studies as it examines the role of gender, gender based social movements, and sexual politics in political and social life and in contemporary political affairs.

### **POL SC 24, Introduction to Law 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is an introduction to the legal concepts and contemporary legal conflicts in the United States, including the philosophical and historical basis for resolution of conflict. Historical and contemporary conflicts in the areas of civil liberties and civil rights, as well as other current legal conflicts and controversies are addressed. This course satisfies a requirement for the Law Pathway program.

### **POL SC 31, Introduction to Public Policy 3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is an introduction to public policy. The course covers core topics in American public policy and focuses on institutions, policy actors, and major theoretical models. In addition, the course covers the nature and practice of policy analysis in order to demonstrate how to employ evaluative criteria in substantive policy areas.

### **POL SC 47, International Politics Seminar 3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This seminar in international politics features analysis and discussion of the international system. Patterns of cooperation and conflict between states, alliance systems, security issues and the international economy are among the topics on which students will write papers. Seminar sessions are characterized by discussion, oral reports and critical analysis of papers, articles and books. Consultation with the instructor is encouraged before enrolling.

### **POL SC 51, Political Philosophy 3 units**

Transfer: UC, CSU

C-ID: POLS 120.

*IGETC AREA 3B (Humanities) or AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

In this inter-disciplinary course students examine fundamental ideas about politics in the writings of major Western philosophers from the ancient to the contemporary period, and use those ideas to consider and debate current political issues.

*Political Science 51 is the same course as Philosophy 51. Students may earn credit for one, but not both.*

### **POL SC 52, Contemporary Political Thought 3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities) or AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This interdisciplinary course in philosophy and political science examines arguments and discourses developed within contemporary political thought. How those discourses critique and/or are rooted in modern ideologies, such as liberalism and socialism will be considered. The theoretical perspectives presented in the course will be used to critically examine important issues in contemporary politics. Students will situate themselves as citizens and political agents in relation to those issues.

*Political Science 52 is the same course as Philosophy 52. Students may earn credit for one, but not both.*

### **POL SC 88A, Independent Studies in Political Science 1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **POL SC 88B, Independent Studies in Political Science 2 units**

Transfer: CSU

Please see "Independent Studies" section.

**POL SC 95, Public Policy – Experiential Learning 2 units**

Transfer: CSU

- *Skills Advisory: Political Science 31 and eligibility for English 1.*

This course builds upon the content of Political Science 31, Introduction to Public Policy, to provide the student with field experience in the discipline. This course addresses the theoretical underpinnings of democratic civic engagement and is a practicum in public policy in a local setting. In this hands-on course, the student will engage in experiential learning through various governmental and nongovernmental agencies which have a role in developing and/or implementing public policy. The student will develop a reading list, customized to the focus of his/her particular agency, and complete a minimum of 30 hours of volunteer work with that agency. The course exposes the student to organized, meaningful public policy research and implementation in substantive policy arenas and will be supervised in his/her off-campus experiential learning project pertaining to the development of public policy.

*This course is graded on a PINP basis only.*

**POL SC 99, Applied Learning in Political Science 1 unit**

Transfer: CSU

- *Corequisite: Any course in Political Science.*

This course—taken in tandem with another course in the discipline—enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied / service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

## Political Science – Noncredit

The following classes are noncredit and free. They do NOT carry academic credit.

**POL SC 930, Preparation for Citizenship 0 units**

This course prepares students to successfully apply for and be granted US Citizenship by the Office of Homeland Security. Students will learn about US History and Civics to prepare for their final interview and how to correctly fill out and submit the N-400 Application for Citizenship. Students will also learn interviewing techniques that will help them prepare for the final interview with the US Government.

## Portuguese

Additional hours to be arranged in the Modern Language Lab for Elementary Portuguese. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

**PORTGS 1, Elementary Portuguese 1 5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)  
Satisfies Global Citizenship*

- *Prerequisite: None.*

This course, using the communicative approach, introduces the students to basic vocabulary and fundamental sentence structure in the present, preterit and imperfect tenses, and a general introduction to fundamental cultural differences between the United States and Lusophone countries. Basic aural and reading comprehension is developed and students hold simple conversations and write short compositions about present and past actions. This course provides a thorough basic introduction to the diverse cultures, customs and traditions and to historical and current events of the Portuguese-speaking world. The course is taught in Portuguese except in cases of linguistic difficulty as determined by the professor. Lab is required.

## Professional Courses in Kinesiology/Physical Education

**PRO CR 3, Coaching of Racquet Sports 3 units**

Transfer: UC\*, CSU

*\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course provides experience in techniques of teaching and coaching racquet sports at the high school or college level. The course will focus primarily on tennis, badminton, and racquetball.

**PRO CR 4, Coaching of Track and Field 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

*\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course provides experience and techniques of coaching and teaching track and field events at the high school or college level.

**PRO CR 6A, Coaching of Football 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

*\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course offers instruction and practice in the skills of football. The course will also provide experience in teaching and coaching techniques of football at the high school or college level.

**PRO CR 6B, Coaching of Baseball 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

*\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course offers instruction and practice in the skills and drills of baseball, plus experience in teaching and coaching techniques at the high school or college level.

**PRO CR 7, Coaching of Soccer 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.

This course is designed to prepare physical education teachers in theory of coaching soccer at the High school, Collegiate, or Club level. This course will include the mental and physical preparation of becoming a coach, a comprehensive analysis of fundamental skills, game strategy, team offense and team defense through lecture, participation, and analysis of rules, and instructional procedures.

**PRO CR 8, Coaching of Basketball 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.

This course is designed to prepare physical education teachers in the theory of coaching basketball at the high school, collegiate, and club level. This course studies the various aspects of coaching basketball. The emphasis of the class will be on the theory of how to organize a basketball program from start to finish of a season, off-season recruiting and conditioning. The development of individual/team skills both offensive and defensive will be examined. This course includes a comprehensive analysis of the principle of movement, motor skills and strategy concepts used in basketball.

**PRO CR 9, Coaching of Volleyball 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.

This course is designed to prepare physical education teachers in theory of coaching volleyball at the High school, Collegiate, or Club level. This course will emphasize development and improvement of fundamental volleyball skills. Course content will include strategy and improvement through participation, analysis of rules, instructional procedures and coaching techniques.

**PRO CR 10, Introduction to Kinesiology 3 units**

Transfer: UC, CSU

C-ID: KIN 100.

- *Prerequisite: None.*

This course provides an overview of the scope, history, and philosophy of the profession of Kinesiology. Included is an in-depth look at requirements and preparation for employment opportunities.

**PRO CR 11, Introduction to Sports Injuries 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course introduces the student to the anatomy and physiology of sports injuries. The prevention and treatment of injuries as well as techniques of applying supportive materials are included.

**PRO CR 12, Emergency Care and Water Safety 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: KIN PE 48B.*

*Ability to swim 300 consecutive yards using various strokes required.*

This course deals with preventing accidents, caring for common injuries, and emergency procedures at the scene of accidents or sudden illness and learning fundamental principles behind teaching water safety. The instruction will include the practice of American Red Cross senior life saving, water safety, lifeguard training, first aid, and CPR/AED for the professional rescuer. Successful completion of course requirements leads to American National Red Cross advanced first aid, blood borne pathogens, CPR, Water Safety Instructor certificates, and fundamentals of instructor training.

**PRO CR 15, Sports Management 3 units**

Transfer: CSU

- *Prerequisite: None.*

This introductory leadership course provides foundation for the preparation of future sport managers. The course addresses sport management, sport law, sport marketing, sport finance, sport ethics and sport history. This course also discusses the support systems necessary to sustain the sport industry such as broadcasting, media relations, and facility and event management. Guest lecturers may be arranged and field trips may be required.

**PRO CR 19, Field Experience 2 units**

Transfer: CSU

- *Prerequisite: None.*

This course offers the student an opportunity to plan, organize, and conduct a beginning level activity class of his or her choice as a teaching assistant with a member of the physical education department.

**PRO CR 25, Personal Trainer Preparation 3 units**

Transfer: CSU

This course gives students the knowledge and understanding necessary to prepare for the ACE Personal Trainer Certification Exam and become effective personal trainers. This is a comprehensive course for designing individualized programs based on each client's unique health, fitness, and goals. This course helps students learn how to facilitate rapport, adherence, self-efficacy and behavior change in clients, as well as design programs that help clients to improve posture, movement, flexibility, balance, core function, cardiorespiratory fitness, and muscular endurance and strength.

**PRO CR 29A, Officiating Fall Sports 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.

This course provides a study of the principles and mechanics of officiating fall sports. Students will gain field experience in officiating team sports on campus and with local recreation departments. Fall sports may include: football (flag), basketball, soccer, water polo, and volleyball.

**PRO CR 29B, Officiating Spring Sports 3 units**

Transfer: UC\*, CSU

- *Prerequisite: None.*

\*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.

This course provides a study of the principles and mechanics of officiating spring sports. Students will gain field experience in officiating team sports on campus and with local recreation departments. Spring sports may include: baseball, softball, swimming, volleyball, track and field, and golf.

### **PRO CR 80, Athletes and Leadership** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course explores how athletes have an impact on their teams, their campuses, and the larger community. The course examines how athletes influence the attitudes and behavior of peers and can influence changes in social norms. In the course students consider what it means to be an effective leader in private as well as in public. Students explore theories of leadership and motivation as well as the use and misuse of leadership particularly in reference to athletics.

## **Psychology**

### **PSYCH 1, General Psychology** **3 units**

Transfer: UC, CSU

C-ID: PSY 110.

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course is an introduction and general survey course in psychology. This course grounds the student in the epistemology of psychology as a scientific discipline, research methods, and critical analysis of research findings. Substantive psychological content includes the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

### **PSYCH 2, Physiological Psychology** **3 units**

Transfer: UC, CSU

C-ID: PSY 150.

*IGETC AREA 5 (Biological Sciences, non-lab)*

- *Prerequisite: Psychology 1.*
- *Advisory: English 1.*

This introductory course emphasizes the biological approach and methods as tools for adding to our understanding of human psychology and neuroscience. Information about the functioning of the human nervous system is used to provide insight into mental, emotional, and behavioral processes. The role of biological factors underlying sensation, perception, motivation, learning, thinking, language processes, and psychopathology is stressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

### **PSYCH 3, Personality: Dynamics and Development** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*

- *Advisory: Psychology 1.*

This course provides an introduction to personality psychology. Topics covered include the utility of personality in predicting behavior, the influences of personality, the major theories of personality development and dynamics, and the application of personality theory and concepts to health, psychopathology, and treatment. Assessment of personality will also be discussed. This course will use a lecture, discussion, and demonstration format in exploring these topics.

### **PSYCH 5, The Psychology of Communication** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Psychology 1.*

This course emphasizes the study of psychological processes involved with the construction of communication including perception, motivation, learning, and emotion. The course will cover issues involved in giving, receiving, and interpreting verbal and non-verbal behavior in a variety of interpersonal situations. Attention will be given to the intersection of gender, culture, and social identities and how these factors shape how we communicate with ourselves, with other individuals, and via mass communication and technology. Experiential exercises, including role-playing and small group interactions, provide opportunities to increase awareness of personal communication styles and to develop more effective communication skills including active listening, conflict resolution, and assertive language.

### **PSYCH 6, Marriage, Family, and Human Intimacy** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Advisory: Psychology 1.*

This course provides insight into and preparation for establishing relationships as the basis for a successful and fulfilling individual, marital and family life. Included are values clarification, communication techniques, current views of male and female roles in society, mate selection, sexual involvement and adjustment, family planning, and child rearing. Special emphasis is placed on the need for compromise and adjustment in a marriage and family unit in our rapidly changing society. This course will use lecture, discussion, and experiential formats in exploration of these topics.

### **PSYCH 7, Research Methods in Psychology** **3 units**

Transfer: UC, CSU

C-ID: PSY 200.

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: Psychology 1.*
- *Skills Advisory: Math 54 and eligibility for English 1.*

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, as well as collection, analysis, interpretation and reporting of research data. Research design and methodology are examined in a variety of the sub disciplines of psychology. Ethical considerations for human and animal research are explored. Students are introduced to critical thinking and the application of the scientific method to psychological questions. The course contains both lecture and practical experiences via the formulation and completion of original



research conducted in small groups. Various descriptive and inferential statistical approaches are explored and utilized to evaluate data.

### **PSYCH 8, Community Psychology** **3 units**

Transfer: UC (pending), CSU

*Satisfies Global Citizenship*

- *Advisory: PSYCH 1 and eligibility for English 1.*

This course provides an overview of prevention science and an introduction to the history, goals, and methods of community psychology. Community psychology focuses on the application of psychological principles to understand and address community issues. This course emphasizes the preventive and strength-based approach within community psychology to understand the ecological context of human experiences, initiate action research, and implement social change. Topics such as family and community violence, oppression, criminal justice, and mental health policy are explored. This course requires students to engage in learning outside the classroom in conjunction with various community-based organizations.

### **PSYCH 11, Child Growth and Development** **3 units**

Transfer: UC, CSU

C-ID: CDEV 100.

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course will examine the major developmental milestones for children, both typically and atypically developing, from conception through adolescence in the areas of physical, psychosocial, and cognitive development. Emphasis will be on interactions between maturational and environmental factors within a culturally sensitive framework. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

### **PSYCH 13, Social Psychology** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Advisory: Psychology 1.*

This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition.

### **PSYCH 14, Abnormal Psychology** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Advisory: Psychology 1.*

This course provides an introduction to biological, environmental, social, and psychological determinants of psychopathology and behavioral deviation. Historical and current theories of abnormal mental or behavioral functioning, their implications for therapy, and community support systems are discussed. An integrative survey of theory and research in abnormal behavior, and intervention and

prevention strategies for psychological disorders are also introduced.

### **PSYCH 19, Lifespan Human Development** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Advisory: Psychology 1.*

From a psychological perspective, this course traces physical, emotional, social and intellectual development throughout the lifespan from conception through aging and dying. Special attention is paid to the interaction of biological, environmental, and psychological factors on development. The way familial, cultural and socioeconomic influences impact the individual will receive special emphasis. Theories and research regarding physical, cognitive, personality, and social development are used as a foundation to understand lifespan issues, developmental problems, and practical implications at each stage of development.

### **PSYCH 25, Human Sexuality** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*
- *Advisory: Psychology 1.*

This study of sexual behavior begins with anatomy and physiology, reproduction, and other biological topics. Pre- and post-natal development, gender differentiation, and psychosexual development are discussed to provide the background for considering the diversity of adult sexuality. In regularly scheduled small group meetings, the student is given an opportunity to explore and compare his or her own psychological and behavioral dynamics with the different values, beliefs, and practices of other individuals and other cultures.

### **PSYCH 35, Seminar on Contemporary Psychological Issues** **3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Advisory: Psychology 1.*

This course will examine the psychological literature covering a variety of contemporary topics. The areas may include: the psychology of prejudice, Eastern and Western psychology, experimental psychology, the psychology of learning, ecological psychology, the psychology of crime and incarceration, and other areas selected by the faculty. There may be a different focus each semester this course is taught.

### **PSYCH 40, Environmental Psychology** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course will focus on the theory and application of psychological principles as they relate to the causes of, and potential solutions to, current global environmental problems. Modern ecological issues (such as global climate change, habitat-loss, etc.) have their historical origin in human behavior; this class will focus both on relevant causal behaviors, and on the mental mechanisms that give rise to such behavior. An evolutionary perspective will be employed to identify the pathways by which the clash of a "universal human nature" and the modern environment

results in an “evolutionary mismatch.” Evolutionary models such as the “tragedy of the commons” will be elucidated with relevant and real world examples. In addition, the course will explore potential avenues to effectively reshape human kind’s social, technological and economic relationship with its environment. As such, a systems approach will be taken that considers the human as a part of, as well as an influence on, ecosystems. Cutting edge research will be integrated from different domains of psychology (cognitive, social, developmental and evolutionary, etc.) as well as related fields (genetics, behavioral economics, game-theory, anthropology, etc.) to comprehensively study the human-environment interaction.

*PSYCH 40 is the same course as ENVRN 40. Students may earn credit for one but not both.*

### **PSYCH 88A, Independent Studies in Psychology 1 unit**

Transfer: CSU

Please see “Independent Studies” section.

### **PSYCH 88B, Independent Studies in Psychology 2 units**

Transfer: CSU

Please see “Independent Studies” section.

### **PSYCH 320, Cognitive Psychology 3 units**

Transfer: CSU

- *Prerequisite: Math 54 or Psychology 7; Psychology 1, English 1, and admission to the SMC baccalaureate degree program.*

This upper division Cognitive Psychology course addresses how humans learn to process information in their environment as well as how they decide how and when to act on their environment. This course includes a survey of cognitive psychology, specifically, the science and study of how people acquire, represent, transform and use verbal and nonverbal information. In this context we will explore sensation and perception of objects, surfaces, space, and motion. Additionally, key cognitive functions are explored including imagery, memory, representations of knowledge, language, decision making, thinking and reasoning, attention and vigilance. Finally, we will review developmental considerations in cognitive psychology from early infant cognition to maturation and cognition as we age.

*This course is open only to students who have been admitted to SMC’s Bachelor of Science program in Interaction Design. See smcixd.org for more information.*

## **Recycling and Resource Management**

### **RRM 1, Introduction to Recycling Resource Management 3 units**

Transfer: CSU

*Satisfies Global Citizenship*

- *Prerequisite: None.*

This course introduces general terminology and principles regarding waste, recycling, resource management and Zero Waste. The history of waste and resource management in California, including residential, commercial and institutional reuse, recycling, and composting programs, is addressed. An overview of national, state, and local legislation and regulations related to waste and resource management and recycling is provided. The course covers

waste diversion practices such as reduce, reuse, recycle, and also introduces principles in recovery, remanufacturing and repurchasing.

### **RRM 2, Culture and Zero Waste 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course will provide an overview of our “throw-away” culture and the motivations behind consumerism and related waste disposal practices. Key issues of the course include carbon footprint, plastics in our environment, consumer laws and cultural mindsets. The course will identify key government agencies and policies and how to collaborate and obtain funding for outreach. Environmental educational skills, programs, and methods will be reviewed. Case studies of successful youth campaigns will be explored and the basics of establishing strong educational programs examined.

### **RRM 3, Resource Management and Zero Waste for Communities 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course will identify how resource management and Zero Waste policies and programs are developed within a community, what type of planning and facilities are needed, and how to finance the systems. Students will also review sample sustainability and zero waste plans and will discuss different approaches communities have taken to developing Zero Waste goals. Students will also learn about tools for local government, best practices for RFPs (Request for Proposals) and contracts, enforcement options, design of resource recovery parks, performance reporting and financial records, Extended Producer Responsibility and Local Producer Responsibility policies and programs, bans, rules and incentives, and local markets and uses for discarded resources.

### **RRM 4, Resource Management and Zero Waste in Business 3 units**

Transfer: CSU

- *Prerequisite: None.*

This course will provide hands-on applications and tools for businesses to design, implement and oversee waste reduction and resource management programs. It will review a variety of best practices for successful waste diversion and recovery in businesses, detailing how businesses can implement those practices to achieve Zero Waste. Examination of case studies will be used to demonstrate how different companies have implemented successful waste diversion and sustainability programs, including triple bottom line business practices. This course will also provide students with an understanding of how to plan and implement commercial food and organics programs.

## **Religious Studies**

### **REL ST 51, Literature of Bible: Old Testament 3 units**

Transfer: UC, CSU

*IGETC Area 3B (Humanities)*

- *Prerequisite: English 1.*

This course provides an analytical and critical study of the Old Testament of the Bible, focusing on its component

genres and literary qualities. Attention is given to how Biblical literature has been and can be interpreted, studied, and used. Representative types of Biblical literature are examined.

*Religious Studies 51 is the same course as English 51. Students may earn credit for one, but not both.*

### **REL ST 52, Literature of Bible: New Testament 3 units**

Transfer: UC, CSU

*IGETC Area 3B (Humanities)*

- *Prerequisite: English 1.*

This course introduces the students to the variety and wealth of literature contained in the New Testament. Attention is given to the ways in which Biblical literature has been and can be interpreted, studied, and used. The various types of literature in the Bible are set forth and representative pages of each of these types are presented and examined.

*Religious Studies 52 is the same course as English 52. Students may earn credit for one, but not both.*

## **Respiratory Therapy**

Enrollment in Respiratory Therapy classes, with the exception of Res Th 1, requires admission to the program. Please call 310-434-3453 for additional information.

### **RES TH 1, Introduction to Respiratory Therapy 2 units**

Transfer: CSU

- *Prerequisite: None.*

This is a survey course in respiratory therapy that provides an overview of the profession, including the various educational routes, credentialing mechanisms, professional associations, and job responsibilities of a respiratory therapist. Pulmonary anatomy, physiology and pathophysiology, measurement scales, and basic gas behavior are taught. Principles of medical gas manufacture, storage, and safety systems are introduced.

### **RES TH 2, Respiratory Therapy Fundamentals 4 units**

Transfer: CSU

- *Prerequisite: Admission to the Respiratory Therapy Program (including MCRBIO 1 and PHYS 3).*

This course covers the structure and functions of respiratory therapy equipment. It acquaints students with most of the equipment used in the profession of respiratory care. Students are expected to be able to select, assemble, and correct malfunctions on most equipment used to provide respiratory care.

### **RES TH 29, Neonatal and Pediatric Respiratory Therapy 4 units**

Transfer: CSU

- *Prerequisite: Admission to the Respiratory Therapy program.*

This course presents prenatal development, high risk pregnancy and normal labor and delivery. Assessment of the newborn and pediatric patient is taught. Neonatal and pediatric diseases and disorders are described with an emphasis on the respiratory care interventions, techniques, and equipment used in neonatal and pediatric patient care.

### **RES TH 30, Adult Critical Care Monitory and Diagnostics 3 units**

Transfer: CSU

- *Prerequisite: Admission to the Respiratory Therapy program.*

This course presents current techniques of monitoring the critically ill adult patient. This includes electrocardiography, cardiovascular/hemodynamic monitoring, capnography and pulmonary function testing. Cardiovascular pharmacology and common approaches to supporting the unstable intensive care patient are presented. Advanced Cardiac Life Support (ACLS) algorithms for treatment of the patient with acute coronary syndrome and other related disorders are reviewed.

### **RES TH 60, Respiratory Physiology 4 units**

Transfer: CSU

- *Prerequisite: Admission to the Respiratory Therapy program.*

This course presents the physiology of the cardiopulmonary system from a clinical perspective including basic anatomy, pulmonary ventilation, diffusion of gases, pulmonary circulation, ventilation/perfusion relationships, blood gas transport, acid-base balance, mechanics of breathing and neural control of breathing.

### **RES TH 70, Respiratory Pathophysiology 4 units**

Transfer: CSU

- *Prerequisite: Admission to the Respiratory Therapy program.*

The pathology and pathophysiology, diagnosis, and treatment of common diseases and disorders of the respiratory and cardiopulmonary systems are covered in detail. Techniques of laboratory evaluation and specific monitoring methods are discussed.

## **Russian**

Additional hours to be arranged in the Modern Language Lab for Russian 1. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

### **RUSS 1, Elementary Russian I 5 units**

Transfer: UC, CSU

*IGETC Foreign Language (required for UC only)*

- *Prerequisite: None.*

This course provides students with basic vocabulary and fundamental sentence structures in the present and past tenses, using the nominative, locative and accusative and genitive case of nouns and pronouns. Basic listening and reading comprehension is developed, and students engage in conversation, make oral presentations, and write brief compositions. Significant geographic, historical, literary and contemporary political, social and cultural issues are also introduced. Language lab is required.

### **RUSS 2, Elementary Russian II 5 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Russian 1\*.*

This continuation of Russian 1 increases basic vocabulary and introduces students to sentence structures including the past and future tenses in both imperfective and perfective verb aspects, and completes the cases (adding genitive, instrumental and dative cases) including plural forms. Basic listening and reading comprehension is developed, and students engage in conversations and write brief compositions using all tenses and cases. It includes the reading of excerpts from modern Russian sources (online newspapers and magazines) and discussion of significant geographic, historical, literary and contemporary political, social and cultural issues is continued and developed. This course is taught in Russian except in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to two years of high school Russian.*

### **RUSS 8, Conversational Russian** **2 units**

Transfer: UC, CSU

- *Prerequisite: Russian 2.*

This course provides an opportunity to acquire fluency in spoken Russian with emphasis on natural, colloquial use.

## **Science – General Studies**

For other science courses please see specific disciplines such as chemistry, anatomy, biology, etc.

### **SCI 10, Principles and Practice of Scientific Research** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Skills Advisory: Successful completion of a UC transferable science class with lab and Mathematics 20 and eligibility for English 1.*

This course explores the modern practice of science. The course focuses on the use of the scientific method; the history of science; how, why and where research is conducted; the ethical protocol in the scientific process; how peer review works; and how to formulate scientifically testable hypotheses and design/perform experiments to test the hypotheses. Students will apply the scientific method in inquiry-based laboratory projects and will communicate research design, data collection, and data interpretation in conventional scientific formats.

## **Sociology**

### **SOCIOL 1, Introduction to Sociology** **3 units**

Transfer: UC, CSU

C-ID: SOCI 110.

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course introduces the study of society and human social interaction. Both macro and micro sociological theory are discussed, as well as methods of sociological inquiry, cultural development, the process of socialization, social structure, social stratification--particularly in the areas of social class, race and ethnicity, and gender--and social change. Students are highly encouraged to complete Sociology 1 prior to enrolling in other sociology courses.

*Students may earn credit for either Sociology 1 or 1S but not both. Only Sociology 1S fulfills the Santa Monica College Global Citizenship requirement.*

### **SOCIOL 1 S, Introduction to Sociology – Service Learning** **3 units**

Transfer: UC, CSU

C-ID: SOCI 110

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

By relying heavily on the instructional method of service-learning, this course introduces the study of society and human social interaction. Both macro and micro sociological theory are discussed, as well as methods of sociological inquiry, cultural development, the process of socialization, social structure, social stratification--particularly in the areas of social class, race and ethnicity, and gender--and social change. Students are highly encouraged to complete Sociology 1 or 1s prior to enrolling in other sociology courses. This course requires students to engage in learning outside the classroom in conjunction with various community-based organizations.

*Students may earn credit for either Sociology 1 or 1S but not both. Only Sociology 1 S fulfills the Santa Monica College Global Citizenship Requirement.*

### **SOCIOL 2, Social Problems** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course involves a sociological analysis of contemporary social problems on the local, national, and international level. Critical inquiry and analysis is conducted into issues such as global inequality, environmental destruction, urban deterioration, economic and political power distribution, poverty, racism, sexism, and problems of work, family, education, drugs, and crime. Theoretical perspectives of sociology and current sociological research are explored.

*Students may earn credit for either Sociology 2 or 2S but not both. Only Sociology 2S fulfills the Santa Monica College Global Citizenship Requirement.*

### **SOCIOL 2 S, Social Problems – Service Learning** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

By relying heavily on the instructional method of service-learning, this course involves a sociological analysis of contemporary social problems on the local, national, and international level. Critical inquiry and analysis is conducted into issues such as global inequality, environmental destruction, urban deterioration, economic and political power distribution, poverty, racism, sexism, and problems of work, family, education, drugs, and crime. Theoretical perspectives of sociology and current sociological research are explored. This course requires students to engage in learning outside the classroom in conjunction with various community-based organizations.



Students may earn credit for either Sociology 2 or 2S but not both. Only Sociology 2S fulfills the Global Citizenship requirement.

### **SOCIOL 4, Sociological Analysis** **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Sociology 1 and eligibility for English 1.

This course introduces students to the fundamental principles and methods of sociological research design and implementation. Students examine the key varieties of evidence—including qualitative and quantitative data, data-gathering and sampling methods, logic of comparison, and causal reasoning. The work of several scholars is evaluated and students create their own research project related to a sociological issue.

### **SOCIOL 12, Sociology of the Family** **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is an examination of the family as a social institution. Emphasis will be placed on relationships between the family and other social institutions from American and cross-cultural perspectives. Theories of family development in society as well as pertinent research will be studied.

### **SOCIOL 30, African Americans in Contemporary Society** **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course involves a sociological examination of the social, cultural, political, and economic conditions experienced by African Americans in the United States. Current and past institutional practices relating to inequality, institutional discrimination, segregation, cultural pluralism, and assimilation are analyzed. Social movements within African American communities as well as intra- and intergroup relations are also considered.

### **SOCIOL 31, Latinas/os in Contemporary Society** **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces students to the characteristics and issues facing the large pan-ethnic Latina/o population in the United States. Attention will be given to the social, cultural, economic and political factors impacting the various Latino groups, as well as how those factors contribute both to differentiate and build coalition with other groups in American society. While the experiences of the diverse Latina/o groups will be examined, particular emphasis is placed on the experiences of Mexican Americans.

### **SOCIOL 32, Asian Americans in Contemporary Society** **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.

- Skills Advisory: Eligibility for English 1.

This course introduces students to the social conditions and issues facing Asian/Pacific Americans. Using a sociological perspective, the pan-ethnic identity of Asian/Pacific Americans will be critically examined. Attention will be given to the social, cultural, economic, and political factors impacting the various Asian/Pacific groups, as well as how those factors impact both intra- and intergroup relations.

### **SOCIOL 33, Sociology of Sex and Gender** **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course addresses the distinction between biological sex and the social construction of gender. Issues of gender inequality in societal institutions and social structures will be the focus of critical analyses of the consequences of the sex/gender system in the United States. Understanding the impact of the matrix of domination (based on race, ethnicity, and class) on gender is a central issue. A global perspective, which examines and compares the place of gender in nations of the North with those of the South, is also emphasized.

### **SOCIOL 34, Racial and Ethnic Relations in American Society** **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course involves the critical examination of patterns, practices, and relations among racial and ethnic groups in the United States. Particular attention will be given to problems of ongoing discrimination, prejudice, assimilation and cultural pluralism, and power differences between groups. Interconnections between race, ethnicity, social class, gender, and other systems of inequality will be emphasized. Social movements organized within and among racial and ethnic groups that address institutional inequalities in this society will be analyzed.

### **SOCIOL 88A, Independent Studies in Sociology** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

### **SOCIOL 88B, Independent Studies in Sociology** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

## **Spanish**

Additional hours to be arranged in the Modern Language Lab for Elementary Spanish.

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

### **SPAN 1, Elementary Spanish I** **5 units**

Transfer: UC, CSU

C-ID: SPAN 100.

IGETC Foreign Language (required for UC only)

- Prerequisite: None.

*Students may receive credit for either Spanish 1 & 2 sequence, or Spanish 11, but not both.*

This course, using the Natural Approach, introduces the students to basic vocabulary and fundamental sentence structure in the present and preterit tenses. Basic aural and reading comprehension is developed and students hold simple conversations and write short compositions about present and past actions. This course is taught in Spanish, except in the case of linguistic difficulty as determined by the professor. Language lab is required.

### **SPAN 2, Elementary Spanish II** **5 units**

Transfer: UC, CSU

C-ID: SPAN 110.

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Spanish 1\*.*

*Students may receive credit for either Spanish 1 & 2 sequence, or Spanish 11, but not both.*

This course is a continuation of Spanish 1. Using the Natural Approach, this course stresses basic vocabulary and fundamental sentence structure in the past and future indicative tenses and the subjunctive mood. The course develops basic aural and reading comprehension. Students hold simple conversations and write short compositions in the past and future. They read simple texts and further study Spanish and Latin American culture. Language laboratory is required.

*\*The advisory for this course is comparable to two years of high school Spanish.*

### **SPAN 3, Intermediate Spanish I** **5 units**

Transfer: UC, CSU

C-ID: SPAN 200.

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Spanish 2\*.*

*Students may receive credit for either Spanish 3 or Spanish 12, but not both.*

This course is taught through thematic units in Spanish on a variety of current and cultural topics. In addition, this course reviews Spanish grammar, emphasizing idiomatic constructions and expressions. Emphasis is also placed on the use of learned structures in compositions. Reading skills and basic literary analysis are developed using selected readings from Spanish and Spanish-American literature.

*\*The advisory for this course is comparable to three years of high school Spanish.*

### **SPAN 4, Intermediate Spanish II** **5 units**

Transfer: UC, CSU

C-ID: SPAN 210.

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Spanish 3\*.*

This course is taught through thematic units in Spanish on a variety of current and cultural topics. This course provides an in-depth review of Spanish grammar, idioms, and vocabulary. Developing a more sophisticated and structurally advanced writing style is also emphasized. Reading comprehension and literary analysis are developed using selected readings from Spanish and Spanish-American literature. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor.

*\*The advisory for this course is comparable to four years of high school Spanish.*

### **SPAN 8, Conversational Spanish** **2 units**

Transfer: UC, CSU

- *Prerequisite: Spanish 2\*.*

This course provides an opportunity to acquire intermediate fluency in spoken Spanish with emphasis on natural, colloquial usage. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor.

*\*The prerequisite for this course is comparable to three years of high school Spanish.*

### **SPAN 9, The Civilization of Spain** **3 units**

Transfer: UC, CSU

*IGETC AREA 3B (Humanities)*

- *Prerequisite: None.*
- *Advisory: Spanish 3.*

This course traces the development of Spanish culture from prehistoric times to the present. It explores the geography, history, literature, music, art, and the customs of the major cultural and linguistic regions of Spain. The course will be taught in Spanish except in cases of linguistic difficulty as determined by the professor.

### **SPAN 11, Spanish for Native Speakers I** **5 units**

Transfer: UC, CSU

*IGETC AREA Foreign Language (required for UC only)*

- *Prerequisite: None.*

*Students may receive credit for either Spanish 1 & 2 sequence, or Spanish 11, but not both.*

This course is designed for students who speak Spanish at home and who need to improve their vocabulary and knowledge of the grammar as well as their spelling, writing skills, and reading comprehension. Formal aspects of the language will be stressed including: spelling, punctuation, and accentuation. In addition, there is a focus on formal writing and the writing process. Reading, reading strategies and comprehension as well as basic literary analysis are stressed. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor. Language lab is required.

### **SPAN 12, Spanish for Native Speakers 2** **5 units**

Transfer: UC, CSU

C-ID: SPAN 220.

*IGETC AREA 3B (Humanities), Foreign Language (required for UC only)*

- *Prerequisite: None.*
- *Advisory: Spanish 11\*.*

*Students may receive credit for either Spanish 3 or Spanish 12, but not both.*

This is the second semester of an accelerated sequence of two designed for students whose native language is Spanish but have had little academic training in the language. In addition to a review of tenses from Spanish 11 and continued study of accent rules and orthography, the second semester will focus on advanced grammar concepts including subjunctive tenses (simple and compound) and the sequence of tenses. Composition skills taught in Spanish 11 will be strengthened in Spanish 12. There will also be a focus on reading strategies and vocabulary building. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor.

\*The advisory for this course is comparable to three years of high school Spanish.

### **SPAN 20, Latin American Civilization** **3 units**

Transfer: UC, CSU

IGETC AREA 3B, OR 4 (Humanities, Social & Behavioral Sciences)

- *Skills Advisory: Spanish 3 level skills.*

This course introduces students to the development of Latin American culture from pre-Columbian times to the present. It will explore history, literature, art music, geography, archeology, culture, customs and traditions of Spanish America. This course will be taught in Spanish.

### **SPAN 31A, Practical Spanish** **3 units**

Transfer: CSU

- *Prerequisite: None.*

This course is designed for the student with no previous knowledge of Spanish and develops basic conversation skills in the present tense. It emphasizes the use of set-up phrases, idiomatic expressions, correct pronunciation, development of useful thematic vocabulary and the ability to communicate at a practical and basic level. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor.

## **Speech**

Please see listing under "Communication Studies."

## **Student Activities**

### **STUGOV 81, Introduction to Student Government** **1 unit**

Transfer: CSU

- *Prerequisite: None.*

This course explores the fundamental principles and practical applications of student government organizations. Students will have an opportunity to reflect upon and assess their leadership and communication styles and subsequently, create a personal development plan conducive to becoming more effective student leaders. Topics in the course will include, but are not limited to, parliamentary procedure, guidelines governing the function of the Associated Students (e.g., Constitution and Bylaws, Title 5 and Education Code), and ethical decision-making. Strategies for academic success will be embedded throughout the course.

## **Study Abroad**

Join SMC on faculty led study abroad programs with transferable units. SMC Global Citizenship scholarships are available. For more information, visit [smc.edu/studyabroad](http://smc.edu/studyabroad).

## **Theatre Arts**

Pre-enrollment auditions are required for Theatre Arts production classes (Th Art 45, 50, 52, 53, 54, 55 and 56). Theatre Arts majors enroll in Theatre Arts 5. All sections require attendance of theatre productions for which students must purchase tickets.

### **TH ART 2, Introduction to the Theatre** **3 units**

Transfer: UC, CSU

C-ID: THTR 111.

IGETC AREA 3A (Arts)

- *Prerequisite: None.*

This course provides the student with a general knowledge of theatre and its influence on modern society. Historical growth, basic vocabulary, skills, and crafts of theatre are emphasized. Attendance of theatre productions for which students must purchase tickets is required.

*Theatre Arts majors enroll in Theatre Arts 5.*

### **TH ART 5, History of World Theatre** **3 units**

Transfer: UC, CSU

C-ID: THTR 113.

IGETC AREA 3A (Arts)

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course covers the history of theatre and dramatic literature with emphasis on the relationship of the theatre to cultural development. Attendance of theatre productions for which students must purchase tickets is required.

### **TH ART 10A, Voice Development for the Stage** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

The study of speech designed to develop the skills for performing classic and modern dramatic literature is stressed in this course. Attendance of theatre productions for which students must purchase tickets is required.

### **TH ART 10B, Advanced Voice Development for the Stage** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Theatre Arts 10A.*

This course covers more advanced study of stage speech designed to help develop the skills for performing classic and modern dramatic literature. This is also a continuation for the non-actor in the dynamic approach to vocal and health and affective communication. Attendance of theatre productions for which students must purchase tickets is required.

### **TH ART 13, Stage Dialects** **2 units**

Transfer: CSU

- *Advisory: Theatre Arts 10A.*

Specific training is given in the performance of the regional American and foreign dialects most often used in the theatre.

### **TH ART 15, Stage Movement for the Actor** **1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

*Formerly Theatre Arts 15A.*

This course develops the student's awareness of the body as an instrument of communication in stage acting. Attendance of theatre productions for which students must purchase tickets is required.

### **TH ART 16, Advanced Stage Movement for the Actor** **2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

*Formerly Theatre Arts 15B.*

This course enhances the student's awareness of the physical self as a means of communication in Theatre. Techniques from Flamenco movement are incorporated to help the student develop coordination, poise, rhythm and passion that are inherent in this art form. Adopting this technique, students perform scenes and monologues from various genres including works of Shakespeare, Lorca and Oscar Wilde. Attendance at theatre productions for which students must purchase tickets is required.

**TH ART 18A, Technical Theatre Production Workshop** **1 unit**

Transfer: UC, CSU  
C-ID: THTR 192.

- *Prerequisite: None.*

This course is intended for students interested in actual training and experience, either in the various backstage areas of technical support or by being involved as a member of a production crew for a Santa Monica College Theatre Arts Dept. production. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 18B, Technical Theatre Production Workshop** **2 units**

Transfer: UC, CSU  
C-ID: THTR 192.

- *Prerequisite: None.*

This course is intended for students interested in actual training and experience, either in the various backstage areas of technical support or by being involved as a member of a production crew for a Santa Monica College Theatre Arts Dept. production.

**TH ART 18C, Technical Theatre Production Workshop** **3 units**

Transfer: UC, CSU  
C-ID: THTR 192.

- *Prerequisite: None.*

This course is intended for students interested in actual training and experience, either in the various backstage areas of technical support or by being involved as a member of a production crew for a Santa Monica College Theatre Arts Dept. production.

**TH ART 20, Stagecraft** **3 units**

Transfer: UC, CSU  
C-ID: THTR 171.

- *Prerequisite: None.*

This course covers the construction, painting and rigging of stage scenery, properties and effects. It includes the use of construction tools, shop safety and procedures, and an introduction to scenic design. Attendance of theater productions for which students must purchase tickets is required.

**TH ART 21, Scenic Painting Techniques** **3 units**

Transfer: UC, CSU

- *Skills Advisory: Theatre Arts 20.*

The course concerns the study and execution of scenic painting techniques. It provides study and training in the use of materials and techniques for painting scenery for theatre, film and television. Attendance at theatre productions for which students must purchase tickets is required. A materials fee will be charged for student supplies.

**TH ART 22, Stage Lighting** **3 units**

Transfer: UC, CSU  
C-ID: THTR 173.

- *Prerequisite: None.*

This course introduces the student to the theory and practice of modern stage lighting. The properties and control of light are covered, including electricity, color, instrumentation and design. Attendance of theater productions for which students must purchase tickets is required.

**TH ART 23, Projection and Lighting Design** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course explores the process of designing projection and lighting for theatrical performances including: visualizing and choosing a concept, drafting a light plot, finding projection content, and focusing and cueing. In-depth programming of lighting consoles and advanced equipment (including moving lights, LEDs, projectors and DMX controlled accessories) will be addressed. Students are also introduced to drafting light plots by hand and with computer software such as Vectorworks, Spotlight, and Lightwright, the basics of using Photoshop, and running projection with Qlab.

**TH ART 25, Introduction to Theatrical Sound** **3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course introduces the student to the theory and practice of modern theatrical sound design. The role of sound in theatre is explored with a focus on its unique contribution in supporting the dramatic narrative. Lecture and laboratory instruction will cover basic sound theory and acoustics, use of contemporary audio equipment, tools, and techniques, and crafting a sound design from concept to completion. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 26, Introduction to Stage Costuming** **3 units**

Transfer: UC, CSU  
C-ID: THTR 174.

- *Prerequisite: None.*

Costume construction theory and practice are the essential elements in this course, including a survey of the history of costume. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 28A, Beginning Stage Make-Up** **1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

A study of the art and application of stage make-up with practice in the techniques of creating facial characterizations and alterations for specific roles and types. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 28B, 3D and Theatrical Styles Make-Up** **1 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

This course is a study and practice of specific techniques in the art of 3D and theatrical styles make-up with emphasis on developing knowledge and skill in its design and practical application.  
*Attendance of theatre productions for which students must purchase tickets is required.*



**TH ART 31, Introduction to Stage Management 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course explores the artistic and organizational techniques and practices required of stage managers. Topics covered include production preparation, safety, rehearsal documentation styles, execution and calling of shows. The course also addresses the necessary collaborations and relationships with other artists and staff.

*Attendance of theatre productions for which students must purchase tickets is required.*

**TH ART 32, Scenic Design 2 units**

Transfer: UC, CSU

- *Prerequisite: None.*

This course introduces the student to the principles of scenic design as applied to the Theatre. Creative skills such as sketching, drawing, and research will be explored, and techniques in drafting by hand will be covered along with a brief introduction to Vectorworks and Sketchup.

*Attendance of theatre productions for which students must purchase tickets is required.*

**TH ART 38A, Beginning Stage Direction 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Theatre Arts 41.*

Basic techniques of play analysis and stage directorial techniques are explored in this course. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 41, Acting I 3 units**

Transfer: UC, CSU

C-ID: THTR 151.

- *Prerequisite: None.*

This course introduces the beginning student to the art of stage acting. The major emphasis is on actor development and growth through character portrayal, scene performance, and written work. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 42, Acting II 3 units**

Transfer: UC, CSU

C-ID: THTR 152.

- *Skills Advisory: Theatre Arts 41.*

This course provides continued and intensive development of acting skills. Focus on realistic acting techniques, rehearsal skills, character building, scene study and performance, and play analysis. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 43, Acting, Historical Styles – Early 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Skills Advisory: Theatre Arts 41 or 42.*

This course contains development of acting skills and explores several non-realistic acting styles through performance of prepared scenes and culminating in a final public performance. Styles covered in class may include Greek (Tragedy and Comedy), Roman Comedy, Medieval, Shakespearean (Tragedy and Comedy) and Comedy of Manners. Attendance of theatre productions for which the students must purchase tickets is required.

**TH ART 44, Acting, Historical Styles – Late 3 units**

Transfer: CSU

- *Prerequisite: None.*
- *Skills Advisory: Theatre Arts 41 or 42.*

This course contains development of acting skills and explores several non-realistic acting styles through performance of prepared scenes and culminating in a final public performance. Styles covered in class may include Commedia dell'Arte, Farce, Melodrama, Ibsen, Chekhov, Brecht, Theatre of the Absurd (Beckett, Pinter, Ionesco, Genet, Stoppard, Sheppard). Attendance of theatre productions for which the students must purchase tickets is required.

**TH ART 45, Musical Theatre Workshop 3 units**

Transfer: UC, CSU

C-ID: THTR 191.

- *Prerequisite: Audition required.*

This course introduces the student to theories, techniques and practices of musical theatre performance. The class concentrates on preparing and performing scenes from musical theatre, culminating in a public performance. Attendance at theatre productions for which students must purchase tickets is required.

*Theatre Arts 45 is the same course as Music 45. Students may earn credit for one, but not both.*

**TH ART 46, Comedy Acting Workshop 3 units**

Transfer: UC, CSU

- *Prerequisite: None.*
- *Advisory: Theatre Arts 41.*

This course explores comedic acting skills through the application and development of progressive comedy techniques. Through acquired knowledge of the genre and analysis of plays, this course fosters the development of acting techniques for theatrical venues. Students will rehearse and prepare material and learn about the processes of comedy acting for the live theatre. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 50, Advanced Production – Full Play 3 units**

Transfer: UC, CSU

C-ID: THTR 191.

- *Prerequisite: Pre-enrollment auditions required.*

This course includes rehearsals and performances of a full-length theatrical production in the Main Stage. Emphasis is placed on cooperative blending of all theatrical activities into a finished public performance.

*Attendance of theatre productions for which students must purchase tickets is required.*

**TH ART 51, Stage Make-Up Workshop 0.5 unit**

Transfer: UC, CSU

- *Prerequisite: None.*

*Concurrent Enrollment in Theatre Arts 50 or 52.*

A study of the art and practical application of stage make-up for those performing in Theatre Arts Department productions.

*Attendance of theatre productions for which students must purchase tickets is required.*

**TH ART 52, Advanced Production – Musical Theatre** **5 units**

Transfer: UC, CSU

- *Prerequisite: Pre-enrollment auditions required.*

This course includes rehearsals and performances of the department's musical theatre production. Dance laboratory is included.

*Attendance of theatre productions for which students must purchase tickets is required.*

**TH ART 53, Production for the Younger Audience** **3 units**

Transfer: CSU

C-ID: THTR 191.

- *Prerequisite: Pre-enrollment audition required. Co-enrollment in Theatre Arts 51 is required.*

This course includes rehearsals and performances of a theatrical production geared specifically for a younger audience. It explores acting skills through the application and development of progressive performance techniques. Emphasis is placed on cooperative blending of all theatre activities into a finished public performance. Students will rehearse and prepare material and learn about the processes of performing for the live theatre. Attendance of theatre productions for which students must purchase tickets is required.

*Theatre Arts 53 is the same as Music 46. Students may earn credit for one but not both.*

**TH ART 54, Advanced Production – Summer Theatre** **6 units**

Transfer: UC, CSU

- *Prerequisite: Pre-enrollment auditions required.*

This course includes rehearsals and performances of the department's summer theatre productions, including related production activities.

**TH ART 55, Advanced Production – Small Theatre Venue** **3 units**

Transfer: CSU

C-ID: THTR 191.

- *Prerequisite: Pre-enrollment audition required.*

This course involves rehearsals and performances of a theatrical production designed for a smaller venue. Such a production includes, but is not limited to any of the following: Non-traditional themes, newer or lesser-known playwrights, student or faculty-written works, multi-cultural works and multiple theatrical genres. The course applies advanced acting skills in the selected genre to the development and performance of a production. Emphasis is placed on cooperative blending of all theatre activities into a finished public performance. Students rehearse and learn about the processes of performing for the live theatre. Attendance of theatre productions for which students must purchase tickets is required.

**TH ART 56, Advanced Audition Workshop** **4 units**

Transfer: CSU

- *Prerequisite: Pre-enrollment audition required.*

On-site exploration and application of progressive audition techniques for students hoping to advance to higher levels of education and performance goals. Students will prepare audition material and learn about the processes of auditioning at the more advanced levels of theatre and

the education system. Many will proceed to audition for prestigious schools and contests. Attendance of theatre productions for which the students must purchase tickets is required.

**TH ART 88A, Independent Studies in Theatre Arts** **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

**TH ART 88B, Independent Studies in Theater Arts** **2 units**

Transfer: CSU

Please see "Independent Studies" section.

**TH ART 90A, Theatre Arts Internship** **1 unit**

Transfer: CSU

Please see "Internships" section.

**TH ART 90B, Theatre Arts Internship** **2 units**

Transfer: CSU

Please see "Internships" section.

**TH ART 90C, Theatre Arts Internship** **3 units**

Transfer: CSU

Please see "Internships" section.

**TH ART 90D, Theatre Arts Internship** **4 units**

Transfer: CSU

Please see "Internships" section.

## Turkish

Additional hours to be arranged in the Modern Language Lab for Turkish 1. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

**TURKSH 1, Elementary Turkish 1** **5 units**

Transfer: UC, CSU

- *Prerequisite: None.*

Elementary Turkish uses a communicative approach to introduce basic vocabulary and the fundamentals of modern Turkish grammar, sentence structure, and pronunciation. Language skills in listening comprehension, reading, writing, and speaking are taught by using audio-visual tools and interactive activities. The course prepares students to hold simple conversations and write short dialogs and compositions in modern Turkish. Aspects of Turkish culture, history and geography are covered as well. Students will be introduced to traditional Turkish arts such as the art of water marbling, Karag $\ddot{v}$ az shadow play and Orta Oyunu Theater. This course is conducted primarily in Turkish except in cases of linguistic difficulty. Language lab is required.

## Urban Studies

**URBAN 8, Introduction to Urban Studies** **3 units**

Transfer: UC, CSU

*IGETC AREA 4 (Social and Behavioral Sciences)*

- *Prerequisite: None.*

This course introduces students to the multi-disciplinary study of urban society and space. Cities are examined both as complex social-economic groupings of people, and as material landscapes of buildings, pathways, and public and private spaces. Attention is paid to what cities are and have been (the evolving urban experience of the past and present) as well as to ever-changing ideas about what cities should be (urban planning and design for the future). While the overall perspective of the course is global, its primary focus is on the cities of North America and, in particular, the Los Angeles metropolitan area. This emphasis is evident both in the classroom and in field trips or other assignments that ask students to apply classroom ideas to our local urban setting.

*Urban Studies 8 is the same course as Geography 8. Students may earn credit for one, but not both.*

## Varsity Intercollegiate Athletics

One repeat of each varsity sport is allowed. Maximum credit for UC transfer for any or all of these courses combined is four units.

### **VAR PE 9V, Varsity Basketball for Men 3 units**

Transfer: UC, CSU

This basketball course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate basketball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 9W, Varsity Basketball for Women 3 units**

Transfer: UC, CSU

This varsity basketball course provides a consistent laboratory for the development and enhancement of the skills required to participate in women's intercollegiate basketball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 11A, In-Season Intercollegiate Strength and Conditioning 1 unit**

Transfer: UC (pending), CSU

- *Prerequisite: None.*

Students will be instructed in sport specific strength and conditioning protocols geared towards maintaining physical athletic qualities such as muscular strength and power. There will also be an emphasis on recovery techniques. This in-season physical preparation course is recommended for those students participating on the intercollegiate varsity team.

### **VAR PE 11B, Off-Season Intercollegiate Strength and Conditioning 1 unit**

Transfer: UC (pending), CSU

- *Prerequisite: None.*

Students will be instructed in sport specific strength and conditioning protocols related to improving muscular strength, power, agility, and speed. This off-season physical preparation course is recommended for those students that plan on participating on the intercollegiate varsity team.

### **VAR PE 14V, Varsity Cross Country for Men 3 units**

Transfer: UC, CSU

This cross country course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate cross country. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 14W, Varsity Cross Country for Women 3 units**

Transfer: UC, CSU

This cross country course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate cross country. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 20V, Advanced Football for Men 1 unit**

Transfer: UC, CSU

This course is designed with an emphasis on a high level of competition among students with previous experience in competitive football. The course stresses the development of advanced skills and strategies for competitive intercollegiate football.

### **VAR PE 21V, Varsity Football for Men 3 units**

Transfer: UC, CSU

The varsity football course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate football. The course is in conjunction with regular season practice and conference games as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 43V, Varsity Soccer for Men 3 units**

Transfer: UC, CSU

This varsity soccer course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate soccer. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community col-

lege athletics organizations. This class is recommended for students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 43W, Varsity Soccer for Women 3 units**

Transfer: UC, CSU

This varsity soccer course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate soccer. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 45W, Varsity Softball for Women 3 units**

Transfer: UC, CSU

This varsity softball course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate softball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 48V, Varsity Swimming and Diving for Men 3 units**

Transfer: UC, CSU

This varsity swimming and diving course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate swimming and diving. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 48W, Varsity Swimming and Diving for Women 3 units**

Transfer: UC, CSU

This varsity swimming and diving course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate swimming and diving. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 50V, Varsity Water Polo for Men 3 units**

Transfer: UC, CSU

This varsity water polo course provides a consistent laboratory for the development and enhancement of the skills required to participate in men's intercollegiate water polo. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 50W, Varsity Water Polo for Women 3 units**

Transfer: UC, CSU

This varsity water polo course provides a consistent laboratory for the development and enhancement of the skills required to participate in women's intercollegiate water polo. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 54W, Varsity Tennis for Women 3 units**

Transfer: UC, CSU

This varsity tennis course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate tennis. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 56V, Varsity Track and Field for Men 3 units**

Transfer: UC, CSU

This varsity track and field course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate track and field. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 56W, Varsity Track and Field for Women 3 units**

Transfer: UC, CSU

This varsity track and field course provides a consistent laboratory for the development and enhancement of the skills required to participate in women's intercollegiate track and field. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous



experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 57V, Varsity Volleyball for Men** 3 units

Transfer: UC, CSU

This varsity volleyball course provides a consistent laboratory for the development and enhancement of the skills required to participate in men's intercollegiate volleyball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 57W, Varsity Volleyball for Women** 3 units

Transfer: UC, CSU

This varsity volleyball course provides a consistent laboratory for the development and enhancement of the skills required to participate in women's intercollegiate volleyball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 59W, Varsity Beach Volleyball for Women** 3 units

Transfer: UC (pending), CSU

The varsity beach volleyball course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate athletics. The course is to be arranged in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This course is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

*Must be enrolled in at least 12 units, including this course.*

### **VAR PE 60, Conditioning for Intercollegiate Sport** 1 unit

Transfer: UC, CSU

- *Prerequisite: None.*

This conditioning course provides a consistent laboratory for sport specific training and conditioning related to intercollegiate athletics participation. Emphasis is on individual and team activities that contribute to advancement in their designated sport.

## **Women's Studies**

### **WOM ST 10, Introduction to Women's Studies** 3 units

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

- *Prerequisite: None.*

- *Skills Advisory: Eligibility for English 1.*

Introduction to the study of women and men in society, covering comparative issues of social, political, and economic position in the workplace, family, cultural institutions; historical basis of women's subordination; the female experience; the male experience; relations between women and men; intersections of ethnicity/race, class and gender; violence against women; cultural images of women and men; social roles of women and men and movements for social change.

### **WOM ST 20, Women, Feminisms, and Social Movements: A Global Approach** 3 units

Transfer: UC, CSU

*IGETC AREA 4 (Social & Behavioral Sciences)*

*Satisfies Global Citizenship*

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

This course introduces and utilizes feminist theories to examine salient issues that women confront around the world and the variant movements of resistance and social change spurred by these issues. The course includes an examination of both historical and contemporary women's activism around the globe, including feminist movements that focus on political, economic, cultural, and environmental change, as well as an assessment of the impact of globalization on women's lives. Particular attention may be given to Third World women, poor women, women of color, immigrant women, incarcerated women, women and war, women with disabilities, and queer people.

### **WOM ST 30, Women and Popular Culture** 3 units

Transfer: UC, CSU

- *Prerequisite: None.*
- *Skills Advisory: Eligibility for English 1.*

Utilizing feminist theories and feminist analysis, this course examines the relationship between women and popular culture. Students will examine historical and contemporary images and roles of women in popular culture (including print, film, television, music, advertising, and consumerism) and situate these images and roles within changing socio-historical, political, and economic contexts. This course utilizes the lens of feminist theories to critically analyze how popular culture constructs gender and how these constructions become cultural norms and values. The intersection of gender, race, class, and sexual orientation is examined throughout the course and the relationship between popular culture and feminist movements is emphasized.

### **WOM ST 80, Women's Studies Leadership Practicum** 3 units

Transfer: CSU

- *Prerequisite: Women's Studies 10 or 20 or 30.*
- *Skills Advisory: Eligibility for English 1.*

*Formerly Women's Studies 8.*

This course is an application of feminist theories and women's studies pedagogy to leadership development. Utilizing the methods and tools found in the interdisciplinary field of women's studies, the course is rooted in theoretically-based and thoughtfully-organized individual and collective action through leadership training, group activities, service-learning, and networking opportunities both on and off campus. By emphasizing the importance of praxis—connecting theory and practice—students develop an understanding of a broad range of women's experi-

ences across class, racial/ethnic, and international lines. Students initiate, design, and implement a “field project” of their choosing that demonstrates their understanding of feminist theories and praxis. Specific course content fluctuates based on individual and group interests, available resources, and community needs.

**WOM ST 88A, Independent Studies  
in Women’s Studies** **1 unit**

Transfer: CSU  
Please see “Independent Studies” section.

**WOM ST 88B, Independent Studies  
in Women’s Studies** **2 units**

Transfer: CSU  
Please see “Independent Studies” section.

**WOM ST 90A, Internship in Women’s Studies** **1 unit**

Transfer: CSU  
Please see “Internships” section.

**WOM ST 90B, Internship in Women’s Studies** **2 units**

Transfer: CSU  
Please see “Internships” section.

## **Zoology**

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*Please see listing under “Biological Sciences.”*

## EMERITUS

The following classes are intended for older adults. The classes are noncredit and free, and they do NOT carry academic credit or assign grades. Please call (310) 434-4306 for information.

## Arts & Crafts

### ART E00, Survey of the Arts for Older Adults

This course provides older adult students with in-depth knowledge about the chronological, social, and historical development of art and/or architecture. Older adults investigate the history of art and view selections from different time periods, regions, or developmental stages, and compare and contrast artwork from different periods with their peers.

### ART E01, Contemporary Art for Older Adults

This course provides older adults with a working knowledge of current trends in the art world, as well as a greater understanding of how art influences all of our lives. Older adults will develop an appreciation for contemporary art, and will compare and contrast specific pieces of art.

### ART E03, Art and Architecture for Older Adults

This course helps older adults learn about the structures around them and how to appreciate historical buildings and monuments located locally and around the world. Older adult students learn and discuss with their peers the historical periods and styles of world architecture, as well as the development of modern trends.

### ART E06, Artistic Expression through Gardening for Older Adults

This course helps older adults express themselves by creating indoor and/or outdoor gardens and learn how gardening can lead to a more creative and healthier lifestyle. Older adults discuss maintenance issues, cost factors, and artistic expression in gardening, as well as the history of gardening styles in public and private spaces. Older adults learn about making environmentally sensitive gardening choices, as well as ways to create long-lasting environments that make their lives more pleasant and fulfilling.

### ART E11, Creative Art for Older Adults

This course assists older adults in incorporating the process of creating art into their lives in unusual and inspiring ways. The course provides an atmosphere where older adult students can use their hands, minds, and eyes to express themselves in their art, as well as interact with their peers, unlock their creativity through guided visualization in art and relaxation techniques, and improve their sense of well being by holistically blending mind, body, and spirit through art.

### ART E15, Drawing for Older Adults

This course provides a supportive atmosphere for older adults—from beginners to more advanced students—to explore and experiment with self expression through drawing. Older adult students learn drawing skills, elements of design, composition, and creativity, as well as drawing techniques for representative or stylistic effect.

Students also learn to interpret the perceived “real world” in a two-dimensional field, and to improve their observation and hand-eye coordination. The course focuses on the processes by which one makes art, exposes students to different approaches, and challenges students to think about what they are doing or trying to do.

### ART E16, Life Drawing Studio for Older Adults

This course provides an opportunity for older adults to learn to see the human form and draw the anatomy of the human figure. This supportive class explores basic anatomy, movement, and skeletal structure of the figure using live models. Through demonstrations, class exercises, individual instruction, and guidance, beginning students learn basic life drawing skills; while more advanced students sharpen their skills in capturing the physical attributes of the model and expressiveness of the pose.

### ART E19, Painting for Older Adults

This course enhances older adults’ artistic creativity and painting skills through positive motivation and instruction in oils and acrylics techniques that may use the palette knife for effect. Older adults learn how to select supplies and equipment, and basic elements of composition. Painting projects, demonstrations, group critiques, and discussions are used to explore two-dimensional artwork.

### ART E20, Drawing and Painting for Older Adults

This course provides older adults with a supportive environment for instruction in drawing and painting. Older adults—from beginners to more advanced students—maintain or improve their drawing and/or painting skills in a constructive environment, and learn about space, line, value, and color in a workshop atmosphere.

### ART E21, Painting/Drawing, Oil and Acrylic for Older Adults

This course enhances older adults’ artistic creativity and painting skills through positive motivation and instruction in oils and acrylic techniques. Older adults learn basic painting techniques, the elements of composition, and how to select and use materials. Painting projects, demonstrations, and group critiques are used to explore two-dimensional artwork.

### ART E22, Watercolor for Older Adults

This course allows older adults who have never used watercolors to acquire a strong foundation in watercolor techniques, and provides those students with some watercolor experience with a strongly supportive peer group in which to paint. Older adult students learn watercolor techniques and methods, as well as washes, brush strokes, color, value, and composition.

### ART E23, Calligraphy for Older Adults

This course assists older adults in acquiring basic skills in calligraphy to use for personal growth, self expression, or for family and volunteer projects. Older adult students learn the tools and equipment needed to write the beginning calligraphy alphabet, as well as fundamental calligraphy techniques.

### ART E24, Calligraphy II for Older Adults

This course expands older adults’ knowledge of calligraphy and everyday calligraphic forms to use for personal growth,

self expression, or for family and volunteer projects. Older adult students learn the tools and equipment needed to write the calligraphy alphabet, as well as fundamental calligraphy techniques, lettering styles, and display methods.

### **ART E25, Calligraphy III for Older Adults**

This course strengthens older adults' sense of creativity, competence, motor skills, and sense of belonging to a group through the advanced study of calligraphy. Older adult students learn and/or improve their knowledge of complex lettering styles and letterforms and create professional-quality projects for personal expression.

### **ART E30, Watercolor Studio for Older Adults**

This course allows older adults who have never used watercolors to acquire a strong foundation in watercolor techniques, and provides those students with some watercolor experience with a strongly supportive peer group in which to paint. Older adult students learn watercolor techniques and methods, as well as washes, textures, color, value, and composition.

### **ART E55, Sculpture for Older Adults**

This course introduces older adults to three-dimensional design principles and elements, and helps them create expressive works of sculpture. Older adults learn to appreciate sculpture as a medium of self expression, and use a combination of materials and techniques to create a sculptural form and develop an expressive idea using a variety of materials, including items from everyday life. Students are required to purchase or bring their own materials.

### **ART E80, Jewelry Making for Older Adults**

This course provides older adults with an opportunity to create pieces of jewelry and learn an assortment of different techniques involved in creating jewelry. Students also learn about the wide range of materials available for making jewelry. Older adults make bracelets, earrings, and necklaces using techniques such as wire wrapping and bending, macramé, pearl knotting, crimping, and bead-weaving. Each week students learn a new technique and make a piece of jewelry using that techniques.

## **Employment for Seniors – Computer Training**

### **OCC E00, Basic Computer Trainers for Older Adults**

This course is designed to assist students in accessing the world of computers and technology. Students acquire introductory computer skills, enabling them to interact with colleagues, family and friends and promote self-expression. Students learn about personal computers, improve technical vocabulary, review typing and mouse skills, conduct basic computer maintenance, and learn how to use computer special function keys.

### **OCC E01, Word Processing for Older Adults**

This course assists older adults in acquiring the skills necessary to use word processing software. Older adults learn to create, save, and retrieve documents and gain consumer and personal management skills. The pace of the course is

designed to meet the needs of older adults who are at least somewhat familiar with computer technology.

### **OCC E10, Using Data Files for Older Adults**

This course helps older adults understand how to use tables and data files to create mailing labels, financial records for taxes, or work in a volunteer or paid job requiring these and other skills. The course is offered at a pace that helps older adults maximize their knowledge retention and continue learning.

### **OCC E20, Using the Internet Safely for Older Adults**

This course focuses on ways students can better protect themselves in a new technological environment and use the Internet to find valid information. Best practices in virus protection and using e-mail are discussed. In addition, students examine and discuss their computer and internet needs for personal and professional uses.

### **PHOTO E00, Digital Photography I for Older Adults**

This course assists older adults in selecting and using digital cameras. Older adults are encouraged to take photographs, keep photographic records, use photography as a means of self-expression, and share their vision and photographic experiences with others.

### **PHOTO E10, Digital Photography II for Older Adults**

This course assists older adults in choosing and using modern technology for keeping photographic records of their family, friends, and travels, and helps them use photography as a means of self-expression. Older adults share their photographic visions with peers and other family members. Some emphasis is placed on documenting students' family histories.

## **Home Arts & Maintenance**

### **CT E00, The Fix-It Class – Repair Almost Anything for Older Adults**

This course teaches older adults about household tools, how to make minor or more complex home repairs or maintenance, and how to evaluate proposed repair processes when hiring and paying a repair person. Older adults learn to repair leaky faucets, fix minor electrical problems, hang almost everything, caulk a bathtub, and so forth. The course is intended to help older adults be knowledgeable, confident, and prudent about home repairs and maintenance.

### **HME EC E01, Sewing Laboratory for Older Adults**

This course helps older adults learn sewing-based skills, including how to construct clothing, engage in creative sewing projects, use patterns, engage in patchwork or machine quilting, and/or other specialized sewing techniques. Older adults learn economical sewing techniques and socialize with their peers in a supportive and creative environment.

### **HME EC E52, Restaurant Critic – Dining Wisely: Healthy Eating Choices for Older Adults**

This course helps older adults learn how to prepare healthy foods for a small household and how to make cost-effective choices in planning a menu. Older adults work



together to create a cookbook or recipe book, share food and recipes with their peers, learn restaurant terms, learn to write a standard recipe, and discuss and write about memories involving food. The course also engages older adults in discussions about food fads and provides factual information on food additives, vitamins, safe food storage, health precautions, and basic nutritional information.

#### **HME EC E70, Needlecrafts I for Older Adults**

This course provides a supportive, stimulating, and creative learning environment to allow older adults to create inexpensive knitting projects. Older adults learn and practice knitting and crocheting techniques, including the selection of materials, planning projects, and finishing methods.

#### **HME EC E71, Needlecrafts II for Older Adults**

This course provides a supportive, stimulating, and creative environment for older adults to create handmade needlework or other fiber arts projects using an assortment of techniques, including, knitting, crochet, needlepoint, weaving, and macramé. Beginning students will learn basic skills; students with some experience in needlework will learn more advanced techniques.

## **Literature & Writing**

#### **BILING E01, Literature in Spanish for Older Adults**

This course helps older adults explore a variety of Spanish literature in the language in which it was written and stimulates their appreciation of the vast literary output of Spain, Latin America, and other Spanish speaking countries. Students may also explore the history and culture of the country in which a literary work was produced, and participate in class discussions in Spanish.

#### **BILING E02, French Literature for Older Adults**

This course helps older adults understand and appreciate the vast literary output of France and other French speaking countries, and introduces them to French culture and people. Older adults explore a variety of French literature in the language in which it was written and engage in stimulating discussions with their lable.

#### **ENGL E20, Literature: The Novel for Older Adults**

This course, which examines the world's greatest literary works (such as James Joyce's *Ulysses*) is designed to help older adults learn about trends in writing in different societies. Older adults learn about the uniqueness of each age of literature and each author under scrutiny. Various literary themes and the concerns of authors in different historical periods serve as a basis for discussion so that older adults may compare and contrast these topics with current events, modern cultures and sub-cultures, and societal structures and mores. Older adults will also discuss with their peers how these works relate to their own life experiences and accumulated knowledge.

#### **ENGL E22, Short Story for Older Adults**

This course is designed for older adults who want to explore literature, such as the works of Milton, Austen, Hawthorne, and T.S. Eliot, as well as short stories from Latin America, America, Europe, and Africa, and discuss it with their peers. This course allows older adults to experi-

ence a wide range of classic and contemporary literature in a social setting and relate that content and emotion to their own personal life experiences.

#### **ENGL E23, Shakespeare for Older Adults**

This course allows older adults to study and discuss selected plays by William Shakespeare and his contemporaries with their peers. Older adults will experience or re-experience the emotional and dramatic content in Shakespeare's classic works in light of their current life situations, and discuss the concerns of the human heart from the height of passion to the depths of despair.

#### **ENGL E24, Bible as Literature for Older Adults**

This course introduces older adults to a wide variety of interpretations of biblical literature, encouraging students to offer interpretations based on their own knowledge and life experiences.

#### **ENGL E25, Literature: The American Novel for Older Adults**

This course assists older adults in analyzing American novels, discussing them with their peers, and renewing their appreciation for this unique form of literature. Older adults learn background and trends in writing in different time periods and regions of America, and discuss how these works relate to their own life experiences and accumulated knowledge.

#### **ENGL E27, Poetry for Older Adults**

This course helps older adults explore a wide variety of poetry; in particular, poetry as adventure, confirmation, and renewal. Older adults also employ selected poems as a means to examine their life experiences and discuss these experiences with their peers. This course is designed to refresh older adults' enjoyment and increase their appreciation of poetry as a means of expression, and helps older adults explore poetry in relation to other types of literature, in particular in its use of language and imagery.

#### **ENGL E28, Plays and Playwrights for Older Adults**

This course engages older adults in the rich theatrical material available in the Los Angeles area by exposing them to an assortment of American, English, and other theatrical works, playwrights, and screenwriters. Older adults will learn about plots, characters, and the many interpretations of plays through comparative analysis, will relate plays to their life experiences, and will engage in respectful discussions with their peers.

#### **ENGL E29, Greek Literature for Older Adults**

This course introduces older adults to the world of ancient Greek drama and fosters discussion among peers. Older adults will study Greek theater from a literary viewpoint and learn about plots, characters, and different interpretations through comparative analysis. Older adults will learn how ancient Greek drama is interpreted in modern media and will relate it to their own lives and experiences.

#### **ENGL E30, Creative Writing for Older Adults**

This course nurtures, revitalizes, and stimulates older adult writers who may already be producing or thinking about producing written material. The course is intended to discover, encourage, and develop untapped writing talent in older adults. It also allows older adults to develop and

refine their writing and self expression skills, discuss their writing with peers, and comment on their peers' writing in a respectful and constructive manner. The course is also a forum for older adults to share their creative voices with peers.

### **ENGL E33, Autobiography for Older Adults**

This course helps older adults review and integrate the experiences that have shaped their lives, share memories with peers, and create a record of events for themselves and their families. Through this class older adults achieve a sense of pride in their accomplishments, improve their writing abilities, and express themselves in writing that can be shared with family, friends, and the public if desired.

### **ENGL E34, Writing for Publication for Older Adults**

This course helps more experienced older adult writers target their writing toward publication with remuneration. The course is intended to broaden older adults' writing talent through self and peer review and critique and assists them in expressing themselves in ways that might be published. The course is also a forum for older adults to share their creative voices with peers.

### **ENGL E37, Writing Seminar for Older Adults**

This course develops and refines older adults' writing skills in an informal round-table atmosphere through classroom readings and critiques of their own and classmates' writing. The course is intended to discover, encourage, and develop untapped writing talent in older adults and nurture, revitalize, and stimulate older adult writers who may already be expressing themselves through the written word. The course is also a forum for older adults to share their creative voices with peers.

## **Health & Conditioning**

### **HEALTH E21, Yoga Health and Safety, Principles and Practices for Older Adults**

This course focuses on the history, principles and practices of yoga. Designed to promote health and safety among older adults, it focuses on yoga principles and practices to enhance the health of older adults through improved flexibility, balance, range of motion, strength, lung capacity and circulation. Some course sections may focus on specific yogic methods. Some sections may include therapeutic applications of yoga to address specific health challenges for older adults. Students will be encouraged to share their physical, mental and emotional challenges in a supportive environment specifically for older adults. These challenges will then be addressed within the coursework. Students will create a Daily Personal Yoga Health Plan integrating their own personal therapeutic yoga applications. Students will be encouraged to practice daily, creating opportunities to rehabilitate challenges. The course is designed to help students to use yoga methods such as postures, breathing techniques, meditation, and visualization to enhance their confidence, health, and overall feeling of well being.

### **HEALTH E22, Chi Gong Principles and Practices for Older Adults**

This course is designed to enhance the health and safety of older adults through use of the principles and techniques

of Chi Gong. Based on Chinese philosophy and healing concepts, the course will include the history, theory and practice of Chi Gong, including both the Wu School and Yang Style. Included are such Chinese philosophies as Yin and Yang, the Eight Directions, and Five Element theory and their applications to healthy living. Students work at their own level to improve tone, strength, flexibility and balance. Lectures, films, texts and discussions will explore the theory and practice of this traditional Chinese method for health and healing. Students will analyze which strategies best meet their needs, and create an individual health plan integrating Chi Gong techniques into their daily lives.

### **HEALTH E23, T'ai Chi Principles and Practices for Older Adults**

This course offers an overview of the history, philosophy and techniques of the Chinese energy balancing health practice T'ai Chi Ch'uan. With a focus on enhancing healthy aging for older adults, the course offers strategies for improving balance and posture; increasing flexibility and endurance, reducing stress, and promoting relaxation and mindfulness. The course shows older adults how to avoid injury, conserve energy and use the body in an ergonomic manner. Students will create a personal health plan integrating T'ai Chi principles and techniques into their daily lives.

### **HEALTH E24, Physical Fitness Principles and Practices for Older Adults**

This course focuses on physical fitness and conditioning principles to help older adults maintain or improve their health, safety and independence. It covers basic principles of anatomy and fitness, showing older adults how to improve their cardiovascular health, muscle strength, endurance, flexibility, posture and balance. Principles of good nutrition also will be covered. Students explore movement strategies that are particularly helpful for older adults. Included are proper concepts and methods for warm-ups, stretching, low-impact aerobic activity, cool-downs, strength training and balance work. Students learn how to avoid falls and safely accommodate physical conditions and challenges. Students create a customized personal fitness and conditioning plan to suit their individual needs and physical challenges.

### **HEALTH E25, Strength and Stamina Training Principles and Practices for Older Adults**

This course focuses on how strength training and stamina building strategies help to promote health, safety and vitality in older adults. Principles of basic anatomy and physiology are covered. The course explores how older adults can maintain or improve their health and stamina through strength training using free weights, resistance devices and fitness techniques. The course emphasizes safe ways to start and maintain a program to increase strength, improve stamina and sustain bone density. Principles of good nutrition and stress management are included. Students create a personal fitness and strength training plan based on their individual needs and physical challenges.

### **HEALTH E30, Personal Safety – Fall Prevention for Older Adults**

This course is designed to help students avoid falls, which are the most frequent cause of serious injury in older adults. The course focuses on how, when and where falls

frequently occur; how to maintain mobility, and how to improve and recover one's balance. Students will create an individualized activity program to improve balance, endurance, strength and flexibility.

#### **HEALTH E34, Stress Reduction through Yoga for Older Adults**

This course offers older adults a range of strategies and techniques to reduce and manage stress in their lives. It includes stress reduction methods such as positive thinking, breathing exercises, meditation, humor, diet and exercise. Learn how to practice asanas: standing, seated, supine (lying down), and/or inverted poses together with focus and conscious breathing to improve your overall health and well-being. Induce relaxation and support your energetic and emotional balance. The course also helps students establish peer support groups to help maintain their stress reduction skills.

#### **HEALTH E38, Joint Health and Mobility for Older Adults**

This course helps older adults with chronic joint pain or mobility problems to attain and maintain physical strength, mobility and flexibility. Older adults with arthritis and/or other minor physical limitations will learn about the function of joints in the human body and techniques to move effectively without joint stress. Students create an individual plan for mobility and physical fitness.

#### **HEALTH E63, Body Conditioning After a Stroke for Older Adults**

This course helps older adults who have experienced a stroke to maintain or improve their mobility and physical endurance through an individualized program offered in a group setting. Topics include how to cope with the effects of stroke and how to restore the student's natural energy and flexibility, including strategies to regain and maintain physical fitness. Participation allows older adults to be included in their community and maintain their independence, and it also helps them to self-advocate and engage in activities that benefit their health.

## **Human Development**

#### **HUMDEV E06, Enjoy Life – Understanding Our Mind, Body & Brain for Older Adults**

This course familiarizes older adults with the aging process, including physiological, psychological, and sociological aspects. Older adults become more comfortable with changes in themselves and others over time, and learn to celebrate the benefits of a longer life. Older adults also learn new coping strategies and explore issues facing adults of all ages, including conflicts, stereotypes, age bias, loss, and change.

#### **HUMDEV E15, Senior Studies for Older Adults**

This seminar provides a supportive environment for older adults to discuss with their peers a variety of topics of interest to seniors, including the study of aging, public policy related to older adults, philosophy, literature, music and musicals, or religion. The course is designed to allow older adults to relate any of these topics to their life experiences and socialize with others in similar stages of life. Specific

topics may vary from semester to semester and may include the history of comedy, the great American songbook, etc.

#### **HUMDEV E17, Senior Seminar for Older Adults**

This seminar provides a supportive atmosphere for discussions about a variety of topics of interest to older adults. Topics may include philosophy, music, laughter as good medicine, legislation that affects older adults, and others. For example, in a seminar focused on philosophy, older adults might explore philosophical sources and connections between ideas, values, and concepts that are relevant to older adults' life experiences. In a seminar focused on musical performance, older adults might be exposed to different performers, composers, and musicians and engage in stimulating discussions about music, performers' lives, the ways in which music and art can enrich one's life, and so forth. Regardless of the specific topic, this seminar provides a space for older adults to socialize with their peers and validate their life experiences while gaining exposure to mentally stimulating osphere.

#### **HUMDEV E24, Bereavement Support for Older Adults**

This course helps older adults in the resolution of grief and toward a more positive view or reaction to the death of a loved one. The course provides older adults with a variety of alternative methods of dealing with loss in a small group setting. Older adults share their grief with others, receive encouragement and moral support, and learn about the natural grieving process, as well as how to heal and rebuild their lives.

#### **HUMDEV E25, Dealing with Hearing Impairment for Older Adults**

This course helps older adults with hearing impairments improve their communication skills and adaptive techniques and increase their levels of sociability and self-confidence. Older adults learn the study of speech, lip reading, body language, and auditory clues.

#### **HUMDEV E27, Enhancing Memory Skills for Older Adults**

This course assists older adults in minimizing anxiety when memory behavior patterns change. The ultimate goal of the class is to stimulate thinking and to exercise the brain. Older adults learn the latest information on the causes, symptoms, and treatments of memory loss in older adults, as well as practice skills to enhance memory retention and retrieval.

#### **HUMDEV E28, Communication After a Stroke for Older Adults (Computer Based)**

This course helps older adults with aphasia reconstruct their language comprehension and communication skills and gain greater self-confidence in their ability to understand and communicate with others. The course introduces older adult aphasics to a computer software program that can help them improve their language and reading comprehension, memory, verbal reasoning skills, and attention span. The course allows older adults to experiment with language comprehension software before purchasing it for use at home.

**HUMDEV E50, Communication After a Stroke for Older Adults**

This course increases, enhances, and maintains the daily speech function of older adults who have experienced psychological or speech impairments due to brain damage. Older adults learn to cope with the effects on speech of stroke or other brain damage, get support from those in similar situations, and help from professionals after hospital therapy is over.

## Human Relations

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**PSYCH E33, Living as a Single Person for Older Adults**

This course assists older adults who are facing a change in their lifestyle because they are now single. Older adults explore topics such as dealing with isolation, ageism, depression, eating patterns, and social interactions. The course assists older adults in making the necessary transitions and adjustments to live a happy and successful life as an older single person.

## Music Performance

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**MUSIC E00, Concert Band for Older Adults**

This course reinforces older adults' love of performing music in public and provides a structure for them to express themselves and participate in a performance group during their later years. Older adults also experience the physical benefits of deep breathing and head, eye, and ear coordination that result from playing a musical instrument. The course mentally stimulates older adults to concentrate on a wide variety of musical score, memorize parts, and problem solve in front of an audience.

**MUSIC E03, "The Merits" – Vocal Ensemble for Older Adults**

This course provides older adults with an opportunity to express themselves musically, perform in community events, gain a sense of belonging to a creative peer group, and continue their life experiences in music. The course also helps older adults improve their vocal performance skills, rehearsal techniques, and general knowledge of music.

**MUSIC E04, Voice Training for Older Adults**

This course provides a venue for older adults to discover or strengthen their musical creativity, personal vocal skill, performance standards, and self-confidence. Older adults will learn to sing and build or renew a repertoire of songs while strengthening their ability to express themselves vocally.

**MUSIC E06, Gospel Community Chorus for Older Adults**

This course introduces older adults to gospel music, literature, and singing techniques with the goal of performing throughout the community. The course provides a venue for older adult students to express themselves through gospel music, gain knowledge of the history of gospel music, build or rebuild their self-confidence as soloists or group performers, and interact with a group of creative peers.

**MUSIC E10, Spanish Folk Singing for Older Adults**

This course provides older adults (primarily those with a working knowledge of the Spanish language) with an opportunity to practice and perform music in Spanish from around the world. Older adult students are introduced to Spanish music, literature, and singing techniques from their own and other cultures, and encouraged to express themselves through Spanish folk songs.

**MUSIC E34, Lyric Chorus for Older Adults**

This course provides older adults with a musical growth experience, opportunities to enhance their self-esteem and sense of belonging, and a way to express their creativity and interact with peers. Older adults rehearse and perform three-part arrangements of classics, Broadway hits, and ragtime music, and learn to be positive contributors to the sound, appearance, and artistic personality of a performing chorus while keeping their concentration and lung capacity at a peak.

**MUSIC E51, Piano and Theory for Older Adults**

This course is intended to enhance the enjoyment of creating music among older adults and enhance their ability to express themselves through music. Older adults learn to play piano music at their own level and pace, and participate in group discussions with peers. Older adults also learn musical skills and concepts and develop their ability to play piano music.

## Music Appreciation

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**MUSIC E30: Opera Appreciation for Older Adults**

This course helps older adults understand and appreciate opera as a music form and provides opportunities for socialization through shared interests. Older adults learn about the creative aspects, history, and development of opera. The course includes operatic experiences, live productions, and other opportunities for mental stimulation and peer group socialization.

**MUSIC E32, Music Appreciation for Older Adults**

This course helps older adults understand how music can enhance their life experiences by learning more about music styles, composition, performance, and historical periods. Older adults listen to and discuss musical selections and composers' biographies; expand their musical knowledge and understanding of different types of music, including orchestral, jazz, indigenous, and film music; and explore different aspects of musical performance by comparing different performers' recordings of their lives.

## Political Science

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**POL SC E00, Current Events for Older Adults**

This course increases older adults' understanding of local, national, and international current affairs and how it affects their lives as well as the world around them. Older adults consider the political, economic, and social movements that determine domestic and foreign policies in the United States and around the world.



## Theater Arts

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### **TH ART E01, Principles of Acting for Older Adults**

This course allows older adults to explore the human condition in historical and contemporary dramatic literature, fairy tales, myths, and legends, satire, and parody. By learning how to analyze and interpret these texts, older adults will be able to craft the characters that inhabit these stories. Through the transformative process of creativity, older adults improve their acting skills and participate in a public performance, which builds self-confidence and self esteem.

### **TH ART E02, Theater Arts Appreciation for Older Adults**

This course expands older adults' knowledge of play production methods and the history of the theater as it relates to current society and the life experiences of older adults. Older adults will learn about theater production from the viewpoint of the director, actor, critic, and viewer.

### **TH ART E05, Reader's Theater for Older Adults**

This course increases older adults' knowledge of how to present dramatic literature and allows them to express themselves by reading scenes, poetry, illuminating literature, or speeches in front of an audience. Older adults also interpret plays and practice acting skills with their peers. This course expands older adults' experience with dramatic literature without requiring perfect recall from memory.

### **TH ART E30, Dramatic Interpretation Through Movies for Older Adults**

This course helps older adults explore the art, technology, language and appreciation of film from the point of view of the older adult. Older adult students analyze the fundamentals of film production as a means of encouraging mental stimulation and peer socialization. Film examples are shown in class for comparison and discussion.

# Special Programs & Support Services



## Programs & Services

### Adelante Program/Latino Center

[smc.edu/LatinoCenter](http://smc.edu/LatinoCenter)

Counseling Complex

(Latino Center)

(310) 434-4459

The Latino Center's Adelante Program is a success-oriented program focusing on academic achievement, transfer, cultural awareness, and personal growth. The program offers courses each semester in various subjects—including English, math, and the social sciences—and courses are structured to include Latino perspectives and contributions to the subject at hand. Adelante courses highlight the Latino culture and experience and emphasize the verbal, written, and critical thinking skills essential to college success. Most Adelante courses transfer to the UC and CSU systems.

To help students stay on track as they work toward their education goals, the Adelante Program offers a support network that includes one-on-one bilingual counseling and opportunities to develop supportive relationships with faculty, staff, and fellow students. Other benefits the program provides include:

- Priority enrollment in Adelante classes;
- Ongoing follow-up and contact with academic counselors and counseling aides;
- Free tutoring in math and English;
- Participation in classes with a large Latino enrollment;
- Being part of a network of Latino students and faculty;
- Experienced faculty interested in promoting Latino student success; and
- Eligibility for specially designated Latino Center Scholarships.

To join the Adelante Program, students must attend an information session and meet with a Latino Center counselor. For more information, please visit the Adelante Program website or call the Latino Center.

### African American Collegian Center/ Black Collegians Program

[smc.edu/blackcollegians](http://smc.edu/blackcollegians)

Counseling Complex

(310) 434-4232

The African American Collegian Center has the mission of promoting, encouraging, and increasing student academic achievement, retention, transfer admission, and graduation. The center's counseling staff, aides, and office assistants are available to assist students in finding the resources they need to succeed in achieving their educational and personal goals. At the African American Collegian Center, students can learn about campus and community activities and resources, and find comprehensive support services that enhance their educational experience, including:

- Academic, vocational, career, and personal counseling;
- Scholarships; and
- Tutoring in English and math.

The African American Collegian Center also coordinates the Black Collegians Program, which offers a variety of mentoring and support services that promote academic excellence and guide students through the transfer process. The Black Collegians Program also offers courses that have a multicultural focus and are taught by outstanding faculty.

For more information, please visit the Black Collegians Program website ([smc.edu/blackcollegians](http://smc.edu/blackcollegians)), or drop by the African American Collegian Center.

### Air Force ROTC

Program Overview

[afrotc.com](http://afrotc.com)

Loyola Marymount University AFROTC (310) 338-2770

[lmu.edu/afrotc](http://lmu.edu/afrotc)

Fax (310) 338-7734

Air Force ROTC Detachment 040

University Hall

One LMU Drive, Suite 3110

Los Angeles, CA 90045-8240

E-mail: [det040@lmu.edu](mailto:det040@lmu.edu)

UCLA AFROTC

(310) 825-1742

[afrotc.ucla.edu](http://afrotc.ucla.edu)

Fax (310) 825-3055

Air Force ROTC Detachment 055

220 Westwood Plaza

Student Activities Center Suite 218

Los Angeles, CA 90095-1611

E-mail: [tjcooper@ucla.edu](mailto:tjcooper@ucla.edu)

Santa Monica College students interested in obtaining a commission as a second lieutenant in the United States Air Force may begin the process by participating in the first two years of the Air Force Reserve Officer Training Corps (AFROTC) program through arrangements with Loyola Marymount University (LMU) and the University of California at Los Angeles (UCLA). Requirements to receive a commission include—but are not limited to—completing AFROTC classes for freshmen and sophomores, transferring to a four-year college or university, and earning a Bachelor's degree.

Academic hours earned in AFROTC classes can usually be counted as elective credit toward graduation.

AFROTC offers a variety of multi-year scholarships, many of which pay full tuition and fees. AFROTC cadets on scholarship also receive a tax-free monthly stipend. For more information, please visit any of the AFROTC websites listed above, or call or send an email or a fax to either of the AFROTC detachments listed.

### Art Gallery

[smc.edu/Barrett](http://smc.edu/Barrett)

Information (310) 434-8204

1310 11th St., 1st Floor, Santa Monica (310) 434-3434

The SMC Pete and Susan Barrett Art Gallery features exhibits of the best in contemporary art by local, national, and international artists, and hosts SMC's annual student and faculty art shows, as well as gallery talks, and SMC's popular Holiday Art Sale. Each exhibit has an opening reception where artists, students, and members of the community can gather to enjoy and exchange ideas on the works presented. For details on upcoming art exhibitions, gallery receptions and talks, and other activities, please call the Gallery, visit our webpage, or browse the SMC

Events webpage ([smc.edu/eventsinfo](http://smc.edu/eventsinfo)) and click on the "Art Gallery" link.

## Athletics

[smc.edu/athletics](http://smc.edu/athletics)

Pavilion, 2nd Floor

(310) 434-4311

Santa Monica College has a proud tradition of championship teams and student-athlete alumni who have gone on to successful careers at the four-year college and professional team levels. SMC is a member of the California Community College Commission on Athletics and competes against many local colleges in the Western State Conference. The College sponsors a broad-based athletics program of 8 men's and 9 women's teams that have accumulated over 50 conference championship titles. Men's teams include: Basketball, Cross Country, Football, Soccer, Swimming and Diving, Track and Field, Volleyball, and Water Polo. Women's teams include: Basketball, Cross Country, Soccer, Softball, Swimming and Diving, Tennis, Track and Field, Volleyball, and Water Polo.

Santa Monica College provides an excellent environment to begin your journey into higher education and compete at a high level in your chosen sport. The coaching staff, academic counselors, and administration are committed to assisting student athletes to excel both in the classroom and on the field of play.

To enhance athletics and fitness options for students, SMC recently debuted its new Core Performance Center (CPC), featuring dance and exercise studios, fully equipped workout rooms, showers and dressing rooms, and a climbing wall.

## Black Collegians Program/ African American Collegian Center

[smc.edu/blackcollegians](http://smc.edu/blackcollegians)

Counseling Complex

(African American Collegian Center)

(310) 434-4232

The Black Collegians Program is an academic-transfer program that promotes academic excellence and guides African American students and students of African descent through the transfer process. Students are assisted in examining their options for transfer and in completing an education plan that will lead to transferring to the institution of their choice. The program works with students to help them become academically competitive and enable them to set and achieve education goals and understand their personal relationship to the greater community.

Some of the special benefits that students receive from the Black Collegians Program include a personal counselor who will support and guide students throughout their stay at SMC; a special "College Success" course that will help students strengthen skills to enhance academic success; innovative academic and personal growth forums; tutoring in math; priority registration; a mentor who will advise and direct; access to a network of supportive peers, teachers, and staff members; and scholarships for qualified students. The program also provides special sections of classes with curriculum designed to enhance awareness of the contributions that people of African descent have made to the global society. At the end of each academic year, students are recognized for their scholarly achievement. To inquire about becoming involved in the program, please see the

Black Collegians website, or visit us in the African American Collegian Center.

## Bookstore (see Campus Store)

### CalWORKs

[smc.edu/calworks](http://smc.edu/calworks)

Admissions/Student Services

Complex 104G-P

(310) 434-4082

California Work Opportunities and Responsibilities to Kids (CalWORKs) at Santa Monica College works in collaboration with the Los Angeles County Department of Social Services (DPSS) and Greater Avenues to Independence (GAIN) to assist students who receive Temporary Aid for Needy Families (TANF) with services aimed at helping individuals move toward self-sufficiency.

CalWORKs offers:

- Individual academic, career, and transfer counseling;
- Employment assistance, including on-campus work-study assignments, resumé writing, job-search skills, and interview preparation;
- Childcare referrals and assistance; and
- Coordination with DPSS, including completing SIP/Referral forms, progress reports, educational plans, as well as training verification.

For more information, please visit our webpage or stop by the CalWORKs office.

## Campus Police Services

[smc.edu/police](http://smc.edu/police)

1718 Pearl St., Santa Monica

(310) 434-4608

Emergency, After Hours, & Weekends

(310) 434-4300

SMC maintains a Campus Police Department with personnel available 24 hours a day to help keep SMC's campuses safe and secure.

To report an emergency or criminal activities on or near the campus, dial 4300 or 911 on the emergency telephones located throughout the campus and parking structures, or call (310) 434-4300 from a cellphone or off-campus telephone.

The Campus Police Department patrols each of the SMC campuses and provides students and staff with a number of services, including:

- Preparing and investigating crime and incident reports;
- Operating the campus "lost and found" service; and
- Providing student and staff escort services.

Please call or visit the SMCPD office for general information and NON-emergency police services. Office hours are Monday through Friday 7 a.m. to 6 p.m. (subject to change without notice).

## Campus Store

[bookstore.smc.edu](http://bookstore.smc.edu)

E-mail: [bookstore@smc.edu](mailto:bookstore@smc.edu)

Main (next to Student Center)

(310) 434-4258

Airport Arts 123A

(310) 434-4637

Bundy (next to main entrance)

(310) 434-3480



**Center for Media and Design (CMD)** (310) 434-3750  
**Performing Arts Center 105** (310) 434-3482

The SMC Campus Store sells new and used textbooks, school and office supplies, campus sweat- and T-shirts, and art materials. The Campus Store also stocks class schedules and the SMC catalog (which is updated annually).

The Campus Store provides the International Standard Book Number (ISBN), retail price, and/or other information (subject to change) about the required or recommended textbooks and supplemental materials for each course offered at SMC. Please go to [bookstore.smc.edu](http://bookstore.smc.edu) and click on "Textbooks" for details. Students can browse through a catalog of items or search for a specific title, make purchases and rent textbooks on the spot, and have their order shipped directly to their home.

Students with disabilities may find some areas of the Campus Store inaccessible—please request assistance. A current booklist for classes is available through the Center for Students with Disabilities.

For up-to-date details on SMC Campus Store hours, refund and buyback policies, or other information, please visit the Campus Store's webpage or call.

### Career Services Center

[smc.edu/careercenter](http://smc.edu/careercenter)

[smc.edu/jobs4u](http://smc.edu/jobs4u)

**Counseling Village** (310) 434-4337

The Career Services Center provides SMC students with a single, conveniently located source for career exploration, internships, and assistance in finding on- and off-campus jobs.

To help students plan their careers, we offer a special eight-week class (Counseling 12, Career Planning) that provides an opportunity for students to explore their interests, identify and clarify their core values, and evaluate their skills. To help students learn how to be successful at work, we offer an eight-week class (Counseling 16, Job Success Skills) that teaches the skills necessary for new employees to survive the initial months on the job, adapt to the company culture, and succeed in remaining employed.

The Career Services Center offers an Applied Learning Program that helps students get more out of their coursework by linking them to organizations and companies where new skills can be developed and practiced in a real-world setting.

The Career Services Center also operates SMC's Internship Program (see Internship Program, below, for details), which helps students find opportunities for internships and cooperative work experience in jobs related to their field of study. To find out about participating in SMC's Internship Program, please stop by or call the Career Services Center, or visit the Internship Program's website ([smc.edu/internship](http://smc.edu/internship)).

The Career Services Center offers:

- Access to [bridges.com](http://bridges.com), an online career-exploration programs;
- Workshops on career exploration, resume writing, interview techniques, how to get the most out of a job, and other pre- and post-employment issues;

- An extensive Career Resource Library that includes information on job descriptions, salaries, recommended preparation, and preferred skills;
- Hundreds of job listings, available online at [smc.edu/jobs4u](http://smc.edu/jobs4u); and
- Job search assistance.

The Career Services Center also offers individual career counseling by appointment. For more information, passwords to our online programs, or to make an appointment, please call or visit the Career Services Center, or see our website.

### Career Technical Education (CTE)

[smc.edu/cte](http://smc.edu/cte)

Career Technical Education (CTE) at Santa Monica College offers industry-linked programs and courses that prepare students for entry-level professional employment opportunities, typically within one to four semesters. The courses are led by educators with extensive expertise in their field, with many CTE instructors and trainers also holding active positions outside of SMC.

CTE programs leading to Associate degrees, Certificates of Achievement, and Department Certificates are offered in a wide variety of fields, including:

- Business
- Communication and Media Studies
- Computer Science and Information Systems
- Cosmetology
- Design Technology
- Early Childhood Education
- Fashion Design and Merchandising
- Health Sciences
- Photography
- Sustainable Technologies
- Technical Theatre

Students who successfully complete a CTE program leave SMC with a wide range of knowledge—theoretical, hands-on, applied, and experiential—and a strong relationship with employers. For more information and a detailed list of CTE programs and their requirements, please visit our webpage.

### Center for Environmental & Urban Studies

[smc.edu/ceus](http://smc.edu/ceus)

1744 Pearl St., Santa Monica

(310) 434-3909

The Center for Environmental and Urban Studies (CEUS) was established to provide SMC students and faculty with a space to facilitate meaningful exploration of key environmental and urban issues and solutions. The facility is a living laboratory for sustainability, featuring many innovative green building materials and practices. The Center provides ecotours, a library for books and videos, a library for seeds, useful sustainability resources, demonstration gardens, and a variety of other services and activities related to environmental and urban studies.

Students interested in obtaining environmental degrees, taking environmental courses, or building their transfer

applications and resumes through applied learning opportunities are encouraged to visit the CEUS and find out more about sustainability at SMC. The CEUS also provides internships and Federal Work-Study student staff positions focused on environmental research and advocacy.

The CEUS is home to student environmental clubs and committees working on campus sustainability initiatives and research. The Center also sponsors the Environmental Issues Lecture Series presented each semester. The lectures, which are free and open to the public, offer the opportunity to meet and engage in dialogue with experts in the field.

The CEUS is also headquarters for Sustainable Works (*sustainableworks.org*), a nonprofit offering special programs that show individuals and businesses how they can adopt sustainable practices that improve quality of life, reduce impacts on the environment, and decrease costs.

For more information, please see our website, or call or visit us at 1744 Pearl Street, Santa Monica.

### Center for Media and Design (CMD)

1660 Stewart St., Santa Monica (310) 434-3700

The Center for Media and Design (CMD) is an SMC satellite campus launched in collaboration with industry employers. The CMD provides comprehensive instruction in the rapidly evolving fields of design, media, communication, technology, and entertainment.

The cutting-edge campus features numerous specialized classrooms and instructional spaces, as well as media production facilities, audio and video post-production facilities, a large auditorium, a digital gallery space, and a café. SMC's highly regarded NPR radio station KCRW (89.9 FM) occupies its own three-story building at the CMD site. The campus fosters a collaborative environment where instructors with first-hand knowledge of industry practices inspire students to become creative professionals who excel in developing ideas, and who have the technical proficiency to execute them.

The CMD is home to SMC's groundbreaking Bachelor of Science degree program in Interaction Design (IXD), as well as the following innovative career technical programs:

- Entertainment Technology (Animation, Digital Media, Game Design)
- Graphic Design
- Interior Architectural Design
- Media Content Development (Broadcasting/New Media, Entertainment Marketing Production, Film, Journalism)

To find out more about SMC's Center for Media and Design and its programs, please give us a call at (310) 434-3700.

### Center for Students with Disabilities (DSPS)

[smc.edu/disabledstudent](http://smc.edu/disabledstudent)

Admissions/Student Services

Complex 101

(310) 434-4265

Video phone (424) 238-1635

Fax (310) 434-4272

High Tech Training Center

Admissions/Student Services

Complex 103

(310) 434-4267

### Learning Disabilities Program

Math Complex 75 & 76

(310) 434-4684

Acquired Brain Injury/Pathfinders

(310) 434-4442

The Center for Students with Disabilities is designed to assist students with disabilities so that the students may have access to all programs and activities on campus. Our primary goal is to encourage and promote independence in students so they may achieve their full potential. The Center offers a number of specialized programs to help students with their academic, vocational, and career planning goals. We have academic counselors available to answer questions, help solve problems, and authorize accommodation services to mitigate students' disability-related educational limitations. Students with disabilities are encouraged to meet with a counselor and become familiar with the services available to them.

The Learning Disabilities Program provides educational assessment, study strategies training, appropriate accommodations, and other support for students with learning disabilities. The High Tech Training Center provides training in the use of adapted computer technology for word processing, Internet access, and other applications integral to academic success and compensatory strategies. The Acquired Brain Injury program provides educational opportunities for students by matching their current abilities with appropriate support services and beneficial instruction. The Pathfinders program offers services to students following a stroke. We also accommodate students who are deaf or hard of hearing and hearing with a variety of support services.

Various classes offered by staff of the Center for Students with Disabilities are listed in SMC's Schedule of Classes. Listings under the heading "Counseling-Disabled Student Services" include classes on independent living skills, career planning, job search skills, adapted computer technology, social awareness, and learning and study skills. Listings under the heading "Counseling-Adult Education" include a class for students with developmental disabilities (Counseling 912, Developing Occupational Skills) and a class for students with acquired brain injuries (Counseling 910, ABI Connections).

The Center for Students with Disabilities assists in determining appropriate academic adjustments for qualified students with disabilities. The procedure for requesting such an adjustment is outlined under the heading "Academic Adjustments for Students with Disabilities," and can be found in the section following this catalog's Table of Contents.

### Center for Wellness & Wellbeing

[smc.edu/psychologicalservices](http://smc.edu/psychologicalservices)

Liberal Arts 110

(310) 434-4503

SMC's Center for Wellness & Wellbeing offers short-term personal counseling to currently enrolled students who have paid the Health Services fee. Personal concerns sometimes interfere with study and concentration. These concerns may be feelings of anxiety, depression, or lack of self-confidence; interpersonal problems with family or friends; life stresses such as leaving home, death of a loved one, mid-life transitions; or other problems such as alcohol or drug use, eating habits, sexual issues, etc.

Licensed psychologists and interns/trainees help students resolve these problems or help them find appropriate resources in the community.

Topic-oriented workshops (e.g., Test Anxiety, Stress Management) are also offered to students.

For an appointment to seek individual psychological services, or to find out about upcoming workshops, please call the Center for Wellness & Wellbeing.

### Child Care Services

[smc.edu/child\\_care\\_services](http://smc.edu/child_care_services)

Admissions/Student Services

Complex 104R

(310) 434-8526

E-mail: [trickey\\_jenny@smc.edu](mailto:trickey_jenny@smc.edu)

Santa Monica College offers several child care options for students while they attend classes at SMC.

### CalWORKs Child Care Services

CalWORKs students may be eligible to receive free or low-cost child care while attending Santa Monica College. Students who qualify may select a licensed child care center, family day care, or an “exempt” (blood relative) provider to care for their children while they attend SMC classes.

### Associated Students Child Care Fund

Single parents who have financial need, a minimum 6-unit enrollment, a minimum 2.0 GPA, and a child under 10 years of age—AND who are NOT receiving subsidized child care—may qualify to receive up to \$400 monthly toward their child care expenses.

### Santa Monica Preschool Collaborative

Santa Monica-Malibu Unified School District offers a variety of subsidized preschool programs for children of low-income SMC students, and full-fee preschool for SMC students who do not meet the low-income criteria.

Students who have a need for child care services while attending classes at SMC should call, e-mail, or stop by the office of the Child Care Services Director (Jenny Trickey). Detailed information about the services available can be found on the Child Care Services webpage.

### Community Education & Professional Development

[commed.smc.edu](http://commed.smc.edu)

SMC Community Education

Bundy Campus, Room 112

3171 S. Bundy Dr., Los Angeles

(310) 434-3400

SMC Community Education meets the lifelong learning needs of the community by providing a choice of more than 450 classes each semester to individuals who wish to enhance their careers or explore their personal interests. Our fee-based professional certificate and continuing education programs and seminars are designed to promote career development, professional training, and certification. Our low-cost, not-for-credit Community Education courses respond to the interests of the community, enriching lives through hands-on workshops and lively classes in art, writing, dance, and many other areas, with special classes for children and teens. Classes on a wide range

of topics are also offered online. For more information, please call the SMC Community Education office or visit our website.

### Computer Labs and Services

[smc.edu/computer\\_labs](http://smc.edu/computer_labs)

Santa Monica College has many computer-based services and on-campus computer labs for students. On-campus wireless access to the Internet is available at various indoor and outdoor areas on SMC’s various campuses to all currently enrolled students with an SMC computer lab account and a correctly configured computing device.

Every SMC student receives a free college email account that offers a permanent email address (as long as Google is the service provider). **IMPORTANT: THIS EMAIL ADDRESS IS WHERE SANTA MONICA COLLEGE WILL SEND ALL OFFICIAL COMMUNICATIONS FROM THE COLLEGE TO A STUDENT.** To access communications from the College, a student can use any electronic device with Internet access. Students also have available various other Google services, including online storage space for documents. Students are strongly urged to read the Google Privacy Policy ([smc.edu/google](http://smc.edu/google)) before using the service.

Students using any SMC computer services are expected to abide by SMC’s Responsible Computer Use Policy (see [smc.edu/computer\\_policy](http://smc.edu/computer_policy) for details). On-campus computers may be restricted to College-related work at any time. All files **MUST** be saved to either student-selected online storage services or onto student-provided removable media such as USB flash drives. Any files not saved properly are subject to loss, and the College is **NOT** responsible for any work lost while using College computer labs or services.

The following computer labs are open to ALL CURRENTLY ENROLLED students:

- The SMC Library Computer Commons (downstairs, near the Reference Desk, 1st Floor North)—Computers and wired and wireless network connections are available to access a variety of information resources, (434-4254); and
- The Bundy Learning Resource Center (LRC)—Bundy Campus, 3171 S. Bundy Dr., Room 116 (434-3440).  
An additional computer lab is open to currently enrolled students WITH A VALID ASSOCIATED STUDENTS ACTIVITIES STICKER:
- The Cayton Associated Students Computer Lab—Cayton Center 209 (above the cafeteria) (434-4615).

The following computer labs, primarily for students enrolled in specific classes, make their equipment and software available to all enrolled SMC students, but **ONLY** at times when the labs are not in use for instruction or tutoring purposes (check with the lab for available hours):

- The Computer Science and Information Systems (CSIS) Lab—Business 231 (434-4783); and
- The Library Computer Lab—SMC Library (2nd Floor North) (434-4254).

SMC has more than 700 computers in specialized computer labs restricted to special programs or to students enrolled in specific classes. Special programs include those offered by SMC’s Center for Students with Disabilities, Emeritus College program for older adults, and various counseling

centers. Specialized labs are available to students enrolled in specific courses in many academic disciplines, including art, computer science, graphic design, English and other languages, entertainment technology, fashion design, life sciences, math, music, photography, and physical sciences.

### Corsair Newspaper

[thecorsaironline.com](http://thecorsaironline.com)

Letters & Science 172

(310) 434-4340

The Corsair, Santa Monica College's student-run newspaper, has a print edition published every Wednesday during the Fall and Spring semesters, as well as an online news site. The newspaper and its online edition have won numerous national, state, and local awards for writing, photography, graphic design, multimedia, and online content.

The Corsair welcomes all students to help create the newspaper, which is a lifeline of news and entertainment for the entire College community. Each week, students choose what news and issues to cover. Experience on the Corsair can lead to internships with major media companies.

Students who enroll in Journalism 16 become the staff that produces the print and online editions of the Corsair. Students in Journalism 22/Photo 14 become the photo staff of the paper. The Corsair staff also produces multimedia content such as videos for the online site, and manages all Corsair social media accounts. Students should note that it is recommended, but not required, that writers and editors first take Journalism 1 or Journalism 8, and that photographers take Photo 1 and Journalism 21/Photo 13 to prepare for the newspaper production classes.

Students whose schedules do not permit taking the staff classes can become Corsair "contributors." They will take on assignments or create their own in collaboration with Corsair editors, and will receive bylines and photo credits, but will not receive any units of credit for their efforts.

Students interested in working on the Corsair may contact one of the above professors or come into the Corsair office to meet the editors and learn more about the Corsair.

### Counseling Services

[smc.edu/counseling](http://smc.edu/counseling)

Counseling Complex

(310) 434-4210

Comprehensive academic, transfer, and career technical education counseling services are available to all Santa Monica College students in the Counseling Center (career counseling services are available in the Career Services Center). Highly trained and experienced counselors are available to assist students with a variety of issues related to student success. Students are encouraged to visit the Counseling Center at least once each semester to discuss their education goals. Counselors are able to provide students with professional guidance in the following areas:

- Reviewing student assessment test results and other information to determine appropriate course options;
- Exploring academic and personal goals, and identifying possible education options;
- Developing short-term and long-term education plans;
- Explaining the various certificate programs and Associate degrees available at SMC, and offering

assistance in researching alternative college options if the student's desired program is not offered at SMC;

- Assisting with identification of transfer options and course requirements for University of California (UC), California State University (CSU), independent, and out-of-state institutions; and
- Providing referral information to other student support service programs on campus, as well as to other off-campus resources.

In addition to one-on-one counseling sessions, the Counseling Center also provides counseling services online (go to [smc.edu/oc](http://smc.edu/oc)) for students enrolled in on-campus courses (students enrolled in online courses should consult the information available at [smc.edu/OnlineEd](http://smc.edu/OnlineEd)).

During the academic year, the Counseling Center holds a number of workshops that deal with such topics as study skills, time management, and the transfer process. The Counseling Center also offers a variety of courses providing a more in-depth study of the topics listed above. Students will find these courses listed under the "Counseling" heading in the Schedule of Classes.

The Counseling Center is located on the southeast corner of SMC's main campus. Drop-in counseling services for quick issues requiring a short consultation (five minutes or less) are available in the Counseling Center lobby, and students may make appointments for more extensive counseling services. For Counseling Center hours and other information, visit the Counseling website or call or drop by the Counseling Center.

### Distance Education

[smc.edu/OnlineEd](http://smc.edu/OnlineEd)

Media Center

(310) 434-3760

Santa Monica College is committed to providing education programs and services to students who are at sites distant from the SMC campus and to students who need to choose alternatives to the fixed schedule, place, program, and structure of traditional classroom-based education.

The Santa Monica College Office of Distance Education offers classes for transfer, certificates, and skill building through a virtual campus at [smc.edu/OnlineEd](http://smc.edu/OnlineEd).

Enrollment, registration, payment, academic counseling, books, and library resources are available to students through the main [smc.edu](http://smc.edu) website.

For course offerings, technology requirements, admission and registration procedures, student services, and other information, please visit the main [smc.edu](http://smc.edu) website.

Students can access Canvas user guides, explore technical requirements, and take a self-paced tour of the Canvas platform at [smc.edu/OnlineEd](http://smc.edu/OnlineEd)

### DSPS

See Center for Students with Disabilities, above, for information on the programs and services SMC offers students.

### Emeritus Program

[smc.edu/emeritus](http://smc.edu/emeritus)

1227 Second St., Santa Monica

(310) 434-4306

E-mail: [emeritus@smc.edu](mailto:emeritus@smc.edu)



The Emeritus program is a unique program at Santa Monica College for adults age 55 and up. Established in 1975, the model program's curriculum includes courses designed to serve the interests and needs of adults who are now in or preparing for retirement, those dedicated to lifelong learning, and those seeking continued personal growth through creative use of their time. Emeritus program classes are offered primarily during the day at our site near the popular Third Street Promenade, and throughout the community—including Malibu—in easily accessible locations. There are no fees for the noncredit courses. Registration and enrollment are by mail, walk-in, or Internet. Registration forms are included in the Emeritus schedule of classes and may also be downloaded from the Emeritus website. The Emeritus program also operates an art gallery and hosts opening receptions for its exhibitions of works by Emeritus students and members of the community. For more information, please call the Emeritus office or visit our website.

### English as a Second Language (ESL)

**Credit Program:** [smc.edu/esl](http://smc.edu/esl)

Corner of 16th St. & Pearl St.,

Santa Monica

(310) 434-4260

Fax (310) 434-2387

Santa Monica College offers four programs for English-language learners:

1. A credit program offering classes in the ESL Department designed to prepare students for the reading, writing, listening, speaking, and study skills needed for college success and career enhancement; (see [smc.edu/esl](http://smc.edu/esl) for details).
2. A fee-based intensive English program designed for students who do not meet the TOEFL requirement to enroll in regular college classes (see [smc.edu/international](http://smc.edu/international) for information);
3. A noncredit (adult education) program that offers free ESL classes for adults in the community (call 434-3403 or 434-4115); and
4. A fee-based ESL program offering workshops, courses, occupational training, and English for special-purpose courses at business and industry sites (see [smc.edu/workforcedevelopment](http://smc.edu/workforcedevelopment) for information).

### Extended Opportunity Program and Services (EOPS) & Cooperative Agencies Resources for Education (CARE)

[smc.edu/eops](http://smc.edu/eops)

Admissions/Student Services

Complex 104G-P

(310) 434-4268

Extended Opportunity Program and Services (EOPS) and Cooperative Agencies Resources for Education (CARE) are state-funded support programs to help students achieve their education goals. EOPS/CARE is designed for students who have historically experienced economic and educational disadvantages, and who desire to pursue a degree or certificate program on a full-time basis.

EOPS offers comprehensive support services, including academic, career, and personal counseling; supplemental textbook vouchers; free tutoring; priority enrollment; and

student success workshops. Eligibility for EOPS is based on economic guidelines provided by the State of California.

EOPS offers additional assistance to single parents through the CARE program, which offers support services for meal assistance, school supplies, and transportation to single parents who are EOPS-eligible, head of a household, and receiving CalWORKs/TANF cash aid.

For an application or to obtain more information, please call or drop by the EOPS/CARE office, or visit the EOPS website.

### Financial Aid & Scholarships

**Financial Aid:**

[smc.edu/financialaid](http://smc.edu/financialaid)

Drescher Hall 150

(310) 434-4343

**Scholarships:**

[smc.edu/scholarships](http://smc.edu/scholarships)

Drescher Hall 150

(310) 434-4290

Santa Monica College provides a variety of resources to assist and encourage students who need financial assistance. Federal and State grants, work-study, loans, and fee waivers are available through SMC's Financial Aid Office. Scholarships are offered for a wide range of achievements and activities through SMC's Scholarship Office, and many have no requirements for financial need. Together, Financial Aid and Scholarships annually provide over \$50 million of assistance to SMC students!

Students can apply for federal financial aid and Board of Governors (BOG) Enrollment Fee Waivers directly through the SMC Financial Aid website ([smc.edu/financialaid](http://smc.edu/financialaid)). At this website, students can find links to federal and state agencies. Students can also find answers to their questions in the SMC Student Financial Aid Handbook. For specific questions, students can drop by the Financial Aid Office.

SMC's Scholarship Office provides information about scholarships to aid students—including high school students—entering or continuing at SMC, or transferring from SMC to a four-year college or university. Monetary awards of various kinds—and in various amounts—are given in recognition of academic excellence and potential for success. The Scholarship Office distributes more than \$450,000 in scholarship funds each year from the Santa Monica College Foundation (an endowment fund that provides proceeds for about 500 different scholarships), service clubs and local organizations, private individuals, and other organizations, foundations, and corporations. Information on the requirements for awards can be obtained from the Scholarship Office. Students must have completed 12 units with a GPA of 2.5 at Santa Monica College to be eligible to apply for scholarships. For more information, drop by the Scholarship Office or visit our website.

### First Year Experience (FYE) Program

[smc.edu/fye](http://smc.edu/fye)

Cayton Center 110 (next to Cafeteria)

(310) 434-8101

The First Year Experience (FYE) program helps students make the transition from high school to college, sort out career and education goals, and create a plan of action to reach those goals.

FYE familiarizes students with the SMC campus and resources and programs. FYE also introduces students to a support network of students, faculty, and staff.

Other FYE benefits during a student's first year at SMC include:

- Academic advising and options for a faster path to transfer;
- Career counseling;
- Enrollment assistance;
- Guaranteed enrollment in English and math classes;
- Early registration for other classes; and
- Summer Transition programs.

To find out more about the First Year Experience program, stop by the Welcome Center or visit the FYE website ([smc.edu/FYE](http://smc.edu/FYE)).

## Food Services

Santa Monica College's food services are located on the ground floor of the Student Center. The food services area includes a food court, where a selection of meals, snacks, and beverages may be purchased at reasonable prices. Service is provided indoors, and seating is available inside and on outdoor patio areas. Vending machines can also be found at various locations on the campus.

## Guardian Scholars Program (GSP)

[smc.edu/eops](http://smc.edu/eops)

Admissions/Student Services  
Complex 104G-P

(310) 434-4491

The Guardian Scholars Program (GSP) aims to expand community support and college and career pathways for foster youth by offering special support services to current and former foster youth enrolled at Santa Monica College. The program is part of a collaborative initiative that partners SMC with UCLA and Loyola Marymount University, in conjunction with the California College Pathways Initiative.

Students are eligible to join SMC's Guardian Scholars Program if they are:

1. A current or former foster youth,
2. Between the ages of 18 and 24, and
3. Enrolled in nine (9) or more semester units at SMC.

The benefits of participating in the GSP include:

- Individual academic, transfer, career, and wellness counseling services;
- Assistance with financial aid and the California Chaffee Grant;
- Enrollment assistance;
- Textbook assistance;
- Free tutoring and academic support services;
- Access to a variety of academic workshops;
- Referrals to psychological and personal counseling services;
- Referrals to specific community agencies for housing and medical assistance, and for scholarship opportunities;

- Meal assistance;
- Access to Food Pantry; and
- Transportation assistance;

For more information about SMC's Guardian Scholars Program, please call (310) 434-4449 or stop by the Guardian Scholars office, located inside the EOPS/CARE Office.

## Health Insurance

The Health Services fee SMC students pay at the time they enroll is NOT health insurance. The fee covers ONLY the services offered at the SMC Health Services Center (see Health Services Center, below, for details). Any expenses a student incurs for medical services outside the scope of those covered by the Health Services fee, however, are the sole responsibility of the student and not the Santa Monica Community College District.

SMC's Health Services Center provides health services and first aid to currently enrolled Santa Monica College students. SMC's Student Health Center's focus is on health promotion, illness prevention, treatment of acute illness, and health education to promote student success. All services are provided on a confidential basis.

International students should consult the International Education Center for information on health insurance, which they are required to have while attending SMC.

## Health Services Center

[smc.edu/healthcenter](http://smc.edu/healthcenter)

Cayton Center 112 (next to Cafeteria) (310) 434-4262

SMC's Health Services Center provides health services to currently enrolled Santa Monica College students, with referrals as needed. The focus of the Health Services Center is on health promotion, prevention of illness, treatment of acute illness, and health education.

The Health Services staff provides the following to all currently enrolled students who have paid the Health Services fee:

- Assessment and intervention by a Registered Nurse (RN) for short-term illness, health screening, and referrals to the available physician and/or other appropriate community agencies when necessary;
- First aid;
- Physician (MD) and Nurse Practitioner (RNP) assessment and intervention;
- Low-cost prescription medications prescribed by Health Services Physician or Nurse Practitioner;
- HIV testing;
- GYN screening and treatment;
- Blood pressure measurement;
- Tuberculin Mantoux skin test;
- Over-the-counter medications;
- Selected immunizations at cost; and
- Pamphlets and other educational information.

The Communicable Disease Center and the American College Health Association recommend the following immunizations for college students: rubella (German mea-

sles), rubeola (measles), and tetanus. These immunizations—often required for students transferring to other institutions—are available in our office.

All campus accidents must be reported immediately to the Health Services Center.

For hours and other information, please call the Health Services Center or visit our website.

### Honors Societies

Santa Monica College has active on-campus chapters of several honors societies, which encourage and offer recognition of outstanding accomplishments and scholastic achievement.

- **Alpha Gamma Sigma:** Membership in Alpha Gamma Sigma is one of the highest honors a student may attain. A student is eligible for initial membership in Alpha Gamma Sigma the semester after achieving a cumulative grade point average (GPA) of at least 3.00 in a program of at least 12 units (exclusive of physical education). All life members of the California Scholarship Federation who graduated with a minimum GPA of 3.50 are eligible for temporary membership their first semester at Santa Monica College. Permanent membership in Alpha Gamma Sigma is restricted to students who have completed at least 60 units, have a cumulative GPA of at least 3.50, and have been a certified member for at least one term, OR who have completed at least 60 units, have a cumulative GPA of at least 3.25, and have been a certified member for at least two terms.
- **Alpha Mu Gamma:** Alpha Mu Gamma is a national honorary foreign language society that encourages interest and scholarship in foreign languages and promotes international communication, enlightenment, and sympathetic understanding of other peoples and cultures. Membership requirements are a grade of A (4.0) during two unrepeatable semesters of studying the same language and an overall grade point average of 2.0 or higher in two semesters of college-level courses. Candidates from countries where English is a foreign language may meet membership requirements in their native language by submitting transcripts showing the classes they completed in secondary school in their homeland and achieving an overall grade point average of 2.0 or higher in one semester of college-level courses in the United States.
- **Phi Theta Kappa:** Phi Theta Kappa was chartered at SMC in Fall 2001 to recognize and encourage scholarship among students at two-year colleges. To achieve this purpose, Phi Theta Kappa provides opportunities for: leadership development, scholarship, service, an intellectual climate that fosters the exchange of ideas and ideals, lively fellowship for scholars, and stimulating interest in continuing academic excellence. An invitation to membership in Phi Theta Kappa is extended to full-time students who achieve a 3.0 grade point average.
- **Psi Beta:** Psi Beta is a national honors society that encourages professional development, psychological literacy, and dedication to the field of psychology among students in two-year colleges. Membership

requirements include a grade of B (3.0) or higher in a college psychology class and a cumulative grade point average of 3.25 or higher after completing 12 units of college coursework. See [psibeta.org](http://psibeta.org) or send email to [psychsmc@gmail.com](mailto:psychsmc@gmail.com) for additional details.

- **Sigma Chi Eta:** To encourage community college students to explore options in the field of communication, including transfer to four-year colleges or universities or entry into the workforce, the National Communication Association (NCA) established the honors society Sigma Chi Eta. Membership requirements include completing 12 units of college coursework with a grade point average (GPA) of 3.0 or higher in all courses taken, and completing at least 9 units of communication studies coursework with a minimum GPA of 3.25 for all communication studies courses. See [natcom.org](http://natcom.org) or send email to [inbox@natcom.org](mailto:inbox@natcom.org) for additional details.

### International Education Center

[smc.edu/international](http://smc.edu/international)

Next to Liberal Arts/Counseling Complex (310) 434-4217

E-mail: [intled@smc.edu](mailto:intled@smc.edu)

SMC's International Education Center provides a wide range of services to more than 3,400 students who come from more than 110 nations around the world to attend Santa Monica College. Services include:

- Assistance with nonimmigration F-1 student visas;
- Academic counseling and orientation;
- Assistance in applying to, enrolling in, and selecting appropriate courses at Santa Monica College;
- Preparation for transfer from Santa Monica College to a four-year college or university; and
- Not-for-credit Intensive English Program;
- Assistance in housing; and
- Social events on the SMC campus.

The International Education Center includes International Admissions; the Office of the Dean, International Education; International Programs; and the International Education Counseling Center.

International Admissions is responsible for processing all international student applications, registration, and non-immigration matters.

The Office of the Dean, International Education, oversees international programs and the recruitment, admission, counseling, and retention of international students.

International Programs oversees special international programs, the Intensive English Program, Study Abroad Programs, and Special Programs.

### International Education Counseling Center

The International Education Counseling Center (located at 1734 Pearl Street; 434-4218) offers academic advising and counseling for new and continuing international students. This office also assists international students with housing information, including an up-to-date bulletin of housing options. Counselors are available to assist students with their SMC requirements, academic issues, and information

on transferring to other colleges or universities. Students can seek assistance from a counselor throughout the year on a walk-in basis. At selected times of the academic year, students may also make an appointment to meet with a counselor.

### **Intensive English Program**

The Intensive English Program provides 20 hours per week of not-for-credit content-based English instruction in reading, writing, and speaking at the beginning, intermediate, and advanced levels. The Intensive English Program is designed to prepare students to enter the undergraduate program by improving their English proficiency through extensive reading. The program's writing, listening, and speaking classes include relevant learning activities based on extensive reading.

### **Study Abroad Program**

The International Education Center is also home to SMC's study abroad programs (see Study Abroad Programs, below, for details). The faculty-led programs—offered at various times of year—are designed to immerse students in an exciting and engaging academic program abroad while they earn SMC credit, further their own intercultural awareness, and foster a more global perspective. Please email [studyabroad@smc.edu](mailto:studyabroad@smc.edu) or visit [smc.edu/studyabroad](http://smc.edu/studyabroad) for information about these exciting programs.

For more information about the International Education Center or any of its programs—including the Intensive English Program—please see our website or call or drop by the International Education Center.

### **Internship Program**

[smc.edu/internship](http://smc.edu/internship)  
Counseling Village

(310) 434-4337

The Internship Program at Santa Monica College makes it possible for students to enhance their classroom learning by working in on- and off-campus internships/jobs, and earn college credit for their work experience. The program is a joint effort of SMC and the community to give students the chance to acquire the knowledge, skills, and attitudes necessary to progress in their careers by combining work-based learning and experience with classroom instruction. To qualify, a student must be considered "continuing" from the previous semester. A continuing student is one who completed at least six units the previous Spring or Fall semester.

Internship-related courses are offered on a pass/no pass basis. SMC students may enroll in internship courses for a maximum of 4 (four) units per semester. Up to 8 (eight) units of internship credit may be applied as elective credit toward a certificate or an Associate degree. Students earn credit based on the number of hours of work experience. Each unit of credit requires a student to work a minimum of 60 hours of unpaid (volunteer) work per semester or 75 hours of paid work throughout the semester.

SMC's Career Services Center hosts an Internship Fair each Spring semester, offering students the opportunity to meet potential employers and ask questions about the internships being offered. Visit our website ([smc.edu/internship](http://smc.edu/internship)) to find out when the next Internship Fair will be held.

For further information, drop by or call the Internship Program office, or visit the Internship Program website.

### **Latino Center**

[smc.edu/LatinoCenter](http://smc.edu/LatinoCenter)  
Counseling Complex

(310) 434-4459

The Latino Center promotes student success by providing a support network of comprehensive bilingual services, including:

- Academic, career, and personal counseling;
- Education planning;
- Free tutoring in math and English;
- Financial aid and scholarship information; and
- Transfer planning.

The Latino Center offers the Adelante Program, an academic support program that assists students in meeting their transfer goals and promotes student success. See Adelante Program, above, for details.

All students are encouraged to visit the Latino Center and explore what it has to offer. To find out more, please drop by or call the Latino Center, or visit our website.

### **Library**

[smc.edu/library](http://smc.edu/library)

Information

(310) 434-4334

Reference Service

(310) 434-4254

With more than 95,000 volumes and access to over 18,000 full-text periodicals, SMC's library is home to one of the largest collections of materials in the California Community College system. The library offers a comfortable, studious atmosphere, with professional librarians available to assist—in person, via chat, or by email—with research and study needs.

SMC's library provides more than 200 computers for student use to access a variety of information resources, including the library online catalog, full-text article databases, and Internet resources. These resources are also available to SMC students and staff from off-campus locations through the library's webpage.

The library also offers several courses specifically designed to introduce students to the research process and the variety of types of information resources available in print and online. These courses are strongly recommended for every SMC student, and are especially important for students planning to transfer to a four-year college or to a university. For descriptions of these courses, please see the "Library Studies" listings in the Schedule of Classes.

The library extends borrowing privileges to Santa Monica College's students, faculty, and staff. Residents of the Santa Monica Community College District may apply for a Community Patron Card (\$20 per year). SMC volunteers and high school students—as well as instructors at area schools and universities—may apply for a free Courtesy Card.

For library hours and other information, please visit our webpage.

### **Mentor Program in the Arts**

The Mentor Program in the Arts is a special program that gives exceptionally talented students in the performing and applied arts an opportunity to further develop and refine their abilities. Mentor programs exist in art and



music. The selection process is unique for each area. In some departments, a candidate's portfolio is reviewed by a faculty committee. Other departments require an audition. A student who wishes to be a part of the Mentor Program in the Arts must demonstrate exceptional abilities and commitment. The program of study is tailored to the goals of the individual student and will often culminate in an event such as a one-person show of the student's work or a public performance.

### Music Performance Groups

[smc.edu/music](http://smc.edu/music)

**SMC Performing Arts Center 111 (310) 434-4323**  
1310 11th St., Santa Monica

SMC's music performance groups participate in a variety of events, including many concerts on campus, campus musicals and theatre productions, and many community events. Students may earn credit for their participation in music performance classes, including the Concert Chorale, Chamber Choir, Jazz Vocal Ensemble, Wind Ensemble, Piano Ensemble, Percussion Ensemble, Symphony Orchestra, Jazz Band, Opera Theater, and Musical Theatre. An Applied Music Program is also offered, with qualifications determined by audition. For information, please call the Music Department or visit our website.

### Noncredit (Adult Education) Programs

**Bundy Campus, Room 112 (310) 434-3403 or 434-4115**  
3171 S. Bundy Dr., Los Angeles

SMC Noncredit (Adult Education) Programs offers non-credit courses and student support services to special population adult learners in the areas of:

- English as a second language (ESL) for individuals who wish to develop their English reading, writing, and conversational skills before gaining employment or entering college programs that earn credit;
- Courses and activities for older adults at SMC Emeritus; and
- Short-term vocational and workforce preparation courses for students seeking entry-level employment.

Courses are offered on a noncredit basis, which means that no credit units are granted. Progress Indicators—the non-credit equivalent of grades—may be awarded in certain noncredit courses, such as short-term courses for vocational and workforce preparation.

Most noncredit courses are offered on an "open-entry/exit" basis, which means that students can register for open classes at any time during the semester. Some non-credit certificate courses/programs, such as short-term vocational and workforce preparation, may have a more structured timeframe in which students are required to attend certain days/hours.

Future noncredit courses may be offered in adult basic and/or secondary education, in addition to programs and services for students with disabilities. The programs—combined with noncredit student support services—provide the community with free enrollment and flexible course offerings leading to academic and career pathways.

### Office of Student Life and the Associated Students (AS)

[smc.edu/studentlife](http://smc.edu/studentlife)  
Cayton Center 202

(310) 434-4250  
Fax (310) 434-4263

The Office of Student Life is the hub of student activities. The A.S. Board of Directors, other A.S. officers, Inter-Club Council (ICC), Associate Dean of Student Life, and student activities staff can all be found there, along with information on A.S. and club activities, use of campus public areas, campus student publicity, and other details.

**The Associated Students (A.S.)**—the student-directed organization of the SMC student body and its elected or appointed student officers—promote the intellectual, social, and cultural welfare of students through proper, effective government. Students participating in A.S. Government gain first-hand experience with the governing process and build management and leadership skills.

A.S. Activities fees support a rich program of extracurricular activities—including more than 70 student clubs—to foster academic achievement, social interaction, and community involvement.

Students may participate in A.S. Government as elected officers serving one-year terms on the A.S. Board of Directors or as the Student Trustee. Students may also volunteer as A.S. Commissioners appointed by the Board of Directors to help carry out directors' goals and serve on committees.

Students elected to A.S. Government can represent the interests of their fellow students in how SMC operates, including instructional support systems, student services, financial support services, and planning. SMC's Board of Trustees grants and defines A.S. Government's legislative and fiscal authority.

Students in A.S. Government must maintain a minimum 2.0 GPA and be enrolled in at least eight (8) units per semester. For details, see the Associated Students website or ask the Office of Student Life for information.

#### Associated Students Activities

The A.S. Activities fee is optional. Students who choose to pay the A.S. Activities fee each semester enrich campus life with concerts, guest speakers, student clubs, and special events, and support SMC's transportation initiative. Students with an active A.S. Activities sticker also enjoy special privileges and benefits such as:

- Priority use of the Cayton Associated Students Computer Lab;
- Student club membership and support to start a club;
- FREE Scantron sheets and Blue Books for testing;
- Leadership opportunities (elected or appointed);
- FREE access to Big Blue Bus "Any Line, Any Time" service when combined with a current A.S. Activities sticker and swipe-activated SMC Student I.D.;
- And much more!

For all the details, visit the Associated Students website or ask the Office of Student Life for information.

## Student Clubs

One of the best ways to get involved in campus life is to join one of SMC's more than 60 student clubs. The clubs reflect the wide range of interests SMC students have in areas such as academic achievement, science, sports, creative arts, business and industry, social awareness, and service. Club activities—which include field trips, business meetings, networking opportunities, guest lectures, and social events—enhance the educational and social experiences students have on campus and in the community. To find out about student clubs, see the Student Clubs website or visit the Office of Student Life.

California law forbids secret fraternities and sororities in public community colleges. All clubs at SMC—with the exception of the honor scholarship societies, which require specific qualifications (see Honors Societies, above, for details)—are open to all students.

## Inter-Club Council (ICC)

The Inter-Club Council (ICC) promotes SMC's student clubs to attract and increase student participation in them, encourage the development of student leadership and service, and foster interaction among the clubs. The ICC sponsors Club Row, an annual spring festival that brings all of SMC's student clubs together to showcase their variety and give students the chance to find out first-hand what activities the clubs offer.

## Online Classes

[smc.edu/OnlineEd](http://smc.edu/OnlineEd)

Media Center

(310) 434-3760

Santa Monica College is committed to providing educational programs and services to students who are at sites away from the SMC campus and to students who need to choose alternatives to the fixed schedule, place, program, and structure of traditional classroom-based education. For details about SMC's online classes, please see Distance Education (above) or visit [smc.edu/OnlineEd](http://smc.edu/OnlineEd).

## Photography Gallery

[smc.edu/photo](http://smc.edu/photo)

Drescher Hall, 2nd Floor

(310) 434-4289

The SMC Photography Gallery is nationally recognized as a significant venue for photographic art. As part of the Westside's flourishing art movement, the gallery enjoys active support from the community. Each exhibit has an opening reception where artists, photographers, students, and members of the community can gather to enjoy and discuss images that have made an impact on the world of photography. For information on gallery hours, exhibits, and opening receptions, please call the gallery or browse the SMC Events webpage and click on the "Photo Gallery" link.

## Pico Promise Program

[smc.edu/picopromise](http://smc.edu/picopromise)

Counseling Annex

(310) 434-4926

The Pico Promise Program is a collaboration between Santa Monica College and the City of Santa Monica. The program meets the needs of the underserved, under-represented youth who live in close proximity to the College. Pico Promise motivates and assists young adults to attend SMC

and work toward their career and education goals. Each student in the program works one-on-one with a counselor. The program provides students with assistance in:

- Early enrollment;
- Setting academic, career, and personal goals;
- Assistance with financial aid.

Each student is also provided with additional opportunities, such as:

- Textbook vouchers;
- Wellness counseling services; and
- Career counseling services.

Students are eligible to participate in Pico Promise if they are 17 to 24 years of age, are a former student at a high school in the Santa Monica-Malibu Unified School District, and have a strong desire to refocus their lives with a positive outlook on their future. Program participants are encouraged to serve as role models for other young adults, inviting them to consider the opportunities and benefits that a college education can offer. Applications for the program are available in the Pico Promise office. To apply, visit the Pico Promise desk in the Counseling Annex.

## Planetarium

[smc.edu/planetarium](http://smc.edu/planetarium)

Drescher Hall 223 (near elevator)

Advance Ticket Sales

(310) 434-3005

SMC's John Drescher Planetarium features a computer-driven optical projection system coupled with an audiovisual system, which provides the planetarium with capabilities for multimedia presentations. The planetarium is used by SMC astronomy and science classes, local schools, community groups, and the general public.

On Friday evenings during the academic year, the planetarium presents two highly popular astronomy shows. "The Night Sky Show" at 7 p.m. is an interactive general interest, 50-minute introduction to the wonders and sights of the night sky. The show is updated weekly to reflect the ever-changing sky and the latest news in space exploration and astronomy, and questions from guests about their favorite constellations or other cosmic phenomena are welcomed. The Feature Show at 8 p.m. concentrates in more detail on a specific topic such as the exploration of Mars or the quest for life beyond Earth, provides telescope viewing opportunities at various times of year, and brings guest experts to speak at the SMC campus.

For show dates and topics, ticket prices, or other information—or to arrange a special group presentation—please visit the planetarium's webpage and click on the "Public Shows" link, or see [smc.edu/eventsinfo](http://smc.edu/eventsinfo). Tickets may be purchased at the door on the night of the show. Planetarium shows and lectures often sell out quickly, however. Advance tickets may be purchased by phone at (310) 434-3005, or in person at the SMC Events Box Office (SMC Main Campus).

## Scholars Program

[smc.edu/scholars](http://smc.edu/scholars)

24-hour recorded information

(310) 434-4059

Counseling Village

(310) 434-4371

E-mail: [scholars@smc.edu](mailto:scholars@smc.edu)

The Scholars Program at Santa Monica College is an enriched, highly demanding honors program that prepares students with outstanding scholastic achievements for transfer to a four-year college or university. Students who successfully complete the Scholars Program are guaranteed priority consideration for admission as a junior to the University of California, Los Angeles (UCLA), UC Irvine, Loyola Marymount University, Mills College, Occidental College, and Chapman College. In addition, Scholars receive priority SMC registration, special counseling, study skills workshops, assistance with exploring majors and careers, special invitations to a variety of programs at SMC and the colleges and universities participating in the Scholars Program, and other benefits. Students entering SMC with a B (3.0) or higher GPA may be eligible for the Scholars Program and should contact the Scholars Program Office for information. To earn the transfer priority, a student in the Scholars Program must meet requirements that include: (1) maintaining a 3.0 or higher GPA, (2) completing required Scholars classes, and (3) completing general education and pre-major course requirements. For more information, please contact the Scholars Office or visit our website.

### SMC Outreach Program

[smc.edu/newstudents](http://smc.edu/newstudents)

(310) 434-4189

1724 Pearl St.

Fax (310) 434-3634

The SMC Outreach Program—a project of SMC's Office of Outreach and Recruitment—partners SMC counselors with local area schools, community agencies, and out-of-state students. The counselors encourage higher education as a future academic goal, and invite students to explore the idea of attending Santa Monica College.

SMC Outreach counselors help smooth the transition for students from high school to college by familiarizing them with SMC's academic and support programs, as well as admissions and enrollment procedures.

The counselors conduct application workshops during spring for seniors—at their high schools—to expedite the admission and enrollment processes. SMC counselors also attend college fairs, career days, and other special events each year. These services are also available to out-of-state students through cyber-counseling, national college fairs, and personalized counseling appointments in their local area each semester.

The SMC Outreach Program offers group tours of the SMC campus, information sessions, and individual counseling appointments during the week, as well as group assessment testing. Please call (310) 434-4189 to make arrangements.

For more information, go to [smc.edu](http://smc.edu) and click on the "New Students" link, or call or drop by SMC's Office of Outreach and Recruitment.

### SMC Student Email

Santa Monica College uses Google Gmail to communicate with students and to provide each SMC student with a FREE email account that offers a permanent email address (as long as Google is the email provider). Gmail accounts are very user friendly, can be reached from any computer or mobile device with Internet access, include online storage, and give students access to Google Docs and Calendar. Before setting up and starting to use a Gmail account,

students should BE SURE TO READ THE GOOGLE PRIVACY POLICY (see the link at [smc.edu/google](http://smc.edu/google)). To set up a Gmail account, students should go to [smc.edu/cc](http://smc.edu/cc) and log into Corsair Connect, then click on the SMC@Email icon in the upper left of the page, and follow the instructions. Once the Gmail account is set up, students should be sure to check it frequently, as this will be where Santa Monica College will send all official communication from the College to students.

### SMC Student ID Card

The SMC student ID card provides SMC students with a photo ID, enhanced access features, and improved campus security. The card:

- Provides a convenient way to speed up checking out books and materials from the Library and the campus tutoring labs and learning resource centers;
- When combined with a current AS Activities sticker and swipe-activated, provides FREE access to Big Blue Bus "Any Line, Any Time" service; and
- When combined with a current AS Activities sticker, provides access to many other services at SMC, including the Cayton Associated Students Computer Lab (go to [smc.edu/associated\\_students](http://smc.edu/associated_students) and click on the "Benefits" link for current details).

For further information, please stop by the Bursar's Office, located next to the Counseling Complex.

### STEM Program

[smc.edu/stem](http://smc.edu/stem)

E-mail: [stem@smc.edu](mailto:stem@smc.edu)

Drescher Hall 301

(310) 434-3988

Santa Monica College's STEM Initiatives foster the student skills necessary to excel in Science, Technology, Engineering, and Math courses. STEM is an academic support program designed to help traditionally under-represented students who are interested in STEM careers successfully complete their studies at SMC, transfer to a four-year research-oriented baccalaureate program, and enter the STEM workforce.

Any student interested in STEM can take advantage of the following STEM-focused services and activities:

- Supplemental Instruction (SI);
- Peer tutoring and coaching;
- Faculty-led workshops and events;
- Specialized STEM Courses;
- STEM Cool Careers Panels, STEM Days on the Quad, and STEM student clubs.

STEM students are also encouraged to apply to the Science and Research Initiative Program (SRI), a cohort-based experience that includes STEM Skills Week and other Summer Bridge Programming.

For more information, please see our webpage or stop by the office.

### Student Employment Program

[smc.edu/studentemployment](http://smc.edu/studentemployment)

Drescher Hall 150

(310) 434-4343



The Student Employment Program—offered through the Career Services Center and processed through the Financial Aid Office—assists SMC students seeking part-time jobs at Santa Monica College, and offers students information on the skills and characteristics of a successful employee. On-campus jobs are available in many departments and programs on SMC's Main and satellite campuses.

Students may be employed at SMC under two special budget programs: Student Help (SH) and Federal Work-Study (FWS). SH pays students to work on campus through department and program budgets. FWS is a Financial Aid award that pays a student wages for employment. The award is funded through the Federal Work-Study Program, a Federal financial aid program that requires that the student apply for Federal financial aid, meet specific eligibility requirements, and be awarded FWS funds by the Financial Aid Office.

To be employed as a student worker at Santa Monica College, a student must have a valid Social Security (SS) Card with the correct spelling of the student's name. F-1 students will be given a form letter to request an SS card from the Social Security Office.

For more information, please visit the Student Employment website or stop by the Career Services Center. [For additional student employment options, please see the Career Services Center listing elsewhere in this section.]

### Study Abroad Programs

[smc.edu/studyabroad](http://smc.edu/studyabroad)

International Education Center  
(next to Counseling Complex)

(310) 434-4342

Santa Monica College is committed to promoting global citizenship. To support that goal, SMC's International Education Center offers several Study Abroad opportunities led by SMC faculty members. Tailored to make the most of a destination's resources, the Study Abroad programs take students to another country and immerse them in an exciting and engaging learning program. Each program gives students the opportunity to earn SMC credit as they expand their own intercultural awareness and foster a more global experience. Students who successfully complete a minimum of three semester units while attending a Study Abroad program will fulfill SMC's Global Citizenship graduation requirement for the Associate degree. Please call the International Education Center or see our website for details.

### Supplemental Instruction Program

[smc.edu/si](http://smc.edu/si)

Drescher Hall 302

(310) 434-4121

The Supplemental Instruction (SI) Program provides academic assistance to SMC students enrolled in specific courses through free out-of-class sessions. During SI sessions, SI leaders present interactive group activities that engage students to help them learn course concepts, prepare for exams, and develop effective study skills. SI sessions are held in Fall and Spring semesters.

PLEASE NOTE: SI sessions are NOT tutoring sessions like the ones offered at various on-campus tutoring labs, and SI leaders do NOT tutor or assist students with homework problems.

Please see our website for details and the SI session schedule.

### Teacher Academy at SMC

[smc.edu/ece](http://smc.edu/ece)

Bundy Campus, 3rd Floor

(310) 434-8109

The Teacher Academy at Santa Monica College—a program of the SMC Education/Early Childhood Department—is a campus community for prospective educators of children from birth through 12th grade. The Teacher Academy was started in 1994 to foster a growing pool of future educators by offering courses, hands-on fieldwork experiences, mentorships, and a wide variety of support services and grants to help our students succeed as quality professionals in education.

Our program offers options for professional early childhood education certification—including Transitional Kindergarten (TK) Teacher certification—as well as professional development and transfer to four-year institutions to complete a PK-12 teacher credential. All options are designed to prepare students to work with linguistically and culturally diverse groups of children and families in schools, centers, and homes. Courses are offered during the day, in the evening, on weekends, and online.

To find out more about the Teacher Academy and its offerings, please visit our website or give us a call.

### The Edye

[thebroadstage.com](http://thebroadstage.com)

Information & Tickets

(310) 434-3200

SMC Performing Arts Center  
1310 11th St., Santa Monica

The Edye is a small "black box" performance and rehearsal facility that opened in Fall 2007. The Edye is an ideal setting for intimate concerts and small productions offering audiences the experience of being up-close and personal with performance art. Many of the events held here are free, but ALL require advance reservations. Please see the website or call the Information number for events listings and other details.

### The Eli and Edythe Broad Stage (The Broad Stage)

[thebroadstage.com](http://thebroadstage.com)

Information & Tickets

(310) 434-3200

SMC Performing Arts Center  
1310 11th St., Santa Monica

The Eli and Edythe Broad Stage—known familiarly as The Broad Stage—opened in Fall 2008 to host a variety of top-rated music, dance, and other events, including fully staged commercial productions. The Broad Stage is a top entertainment destination for audiences throughout the region. Please see the website for the latest details on upcoming performances and ticket information.

### Theatre Arts Productions

[smc.edu/theatre](http://smc.edu/theatre)

Theatre Arts Complex

(310) 434-4319

Students at Santa Monica College may participate in full-scale productions offered to the community and receive training in all aspects of theater productions, from intense classes specifically for the training of the actor (including acting classes in Modern Realism and various historical styles, vocal production for the stage, and stage move-



ment) to training in the technical aspects of theater production (including stagecraft, costuming, make-up, sound, and lighting). Students also have the opportunity to audition for public performances and present public workshops in Musical Theatre, Historical Acting Styles, and Directing.

The College's facilities for educational theater—the Theatre Arts Complex—provides two theaters under one roof on SMC's main campus. With all its amenities, the Theatre Arts Complex is an ideal place to teach the art of theater and to perform stage productions for the community.

Advance tickets for stage productions at SMC may be purchased online ([smc.edu/theatre](http://smc.edu/theatre)), by phone at (310) 434-4319, in person at the SMC Events Box Office (Theatre Arts Complex, SMC Main Campus), or through orders left in the dropbox at the Theatre Arts Department office, located in Room 117 of the Theatre Arts Complex (SMC Main Campus).

### Transfer/Counseling Center

[smc.edu/counseling](http://smc.edu/counseling)

Counseling Complex

(310) 434-4210

Santa Monica College is a state leader in transferring students to four-year institutions, including all campuses within the UC and CSU systems, independent or private colleges in California, and out-of-state institutions. As a result of our transfer record, many students choose to attend Santa Monica College to complete their first two years of a four-year college plan.

College transfer services seek to make students more aware of their transfer choices and to assist with the transfer process. The Transfer/Counseling Center staff facilitates this process by helping students:

- Understand transfer admission requirements;
- Select courses that will transfer and fulfill graduation requirements;
- Complete the application process for their transfer school(s) of choice;
- File for financial aid; and
- Stay informed on important dates and deadlines.

In addition, the academic counseling staff at SMC facilitates the successful transfer of students to four-year colleges and universities by:

- Providing information and counseling on transferring to colleges and universities;
- Coordinating visits by campus representatives from more than 100 colleges and universities, including regular visits from UCLA, CSUN, USC, LMU, and UC Berkeley;
- Providing workshops each semester on transfer planning, filing a UC/CSU application, and completing the financial aid process;
- Arranging tours of California colleges and universities;
- Resolving transfer admission problems;
- Identifying general education classes needed to transfer; and
- Helping students select classes that meet requirements for a particular major.

The Transfer/Counseling Center also provides counseling services online at [smc.edu/onlinecounseling](http://smc.edu/onlinecounseling) for students enrolled in on-campus courses (students enrolled in online courses should consult [smc.edu/OnlineEd](http://smc.edu/OnlineEd) for information).

Information about transfer-support services and activities is available in the Transfer/Counseling Center, can be found on the Counseling website, and is routinely published in SMC's student newspaper, The Corsair.

### Tutoring Services

[library.smc.edu/tutoring](http://library.smc.edu/tutoring)

Santa Monica College provides free tutoring services in selected subjects for all students through a number of on-campus tutoring centers. Specialized tutoring may also be arranged through the Center for Students with Disabilities (voice: 434-4265; video phone: 866-957-1809), EOPS/CARE (434-4268), the Scholars Program (434-4371), and the International Education Center (434-4217). For general tutoring information and the hours of the tutoring centers listed below, please visit the Tutoring Services webpage ([library.smc.edu/tutoring](http://library.smc.edu/tutoring)).

### Business and Computer Science Centers

[smc.edu/tutoring/business](http://smc.edu/tutoring/business)

Business 150 & Business 231

434-4322

The Business and Computer Science Centers provide tutoring in accounting, business, and computer science. Students can make an appointment online through Corsair Connect, or walk into the centers for drop-in scheduling and tutoring.

### ESL Tutoring Center

[library.smc.edu/tutoring](http://library.smc.edu/tutoring)

ESL 120 (at Pearl and 16th)

(310) 434-4260

The ESL Tutoring Center, located in the ESL Building (corner of Pearl and 16th), provides tutoring assistance to English-language learners at SMC. One-on-one tutoring by instructional assistants with expertise in TESL is provided in half-hour sessions. Appointments for ESL tutoring sessions may be made online through the ESL webpage ([smc.edu/esl](http://smc.edu/esl)). Students may schedule up to two tutoring appointments each week. Tutoring is also offered on a drop-in basis. Drop-in hours are posted in the ESL Department.

### Math Labs

[library.smc.edu/tutoring](http://library.smc.edu/tutoring)

Math Complex 84, Math Complex 72,

Bundy 116

(310) 434-4735

The Math Lab provides tutoring and other services to support students in all math classes offered at Santa Monica College. Tutoring is provided on a drop-in basis, as well as by appointment. Students may schedule tutoring appointments by coming in person to the Math Lab.

### Modern Languages Tutoring Center

[library.smc.edu/tutoring](http://library.smc.edu/tutoring)

Drescher Hall 219

(310) 434-4683

The Modern Language Tutoring Center provides tutoring for all languages taught at Santa Monica College. No appointments are necessary. The tutoring schedule is posted in the Modern Languages Tutoring Center and online.

### Science Tutoring Center [library.smc.edu/tutoring](http://library.smc.edu/tutoring)

**Science 245 (310) 434-4630**

The Science Tutoring Center offers tutoring to support students in all science classes taught at Santa Monica College. Tutoring is provided on a drop-in basis (tutoring schedule is posted in the Science Tutoring Center and online), as well as by appointment. Tutoring appointments may be scheduled online through Corsair Connect, by calling, or by coming in person to the Science Tutoring Center.

### Writing and Humanities Tutoring Center [smc.edu/tutoring/english\\_humanities](http://smc.edu/tutoring/english_humanities)

**Drescher Hall 313 (310) 434-4682**

The Writing & Humanities Tutoring Center offers writing assistance for students in all courses, and subject tutoring to support students in liberal arts classes, including economics, history, logic, philosophy, political science, psychology, and sociology. Writing assistance is available on a drop-in basis. Students may also request tutoring appointments by calling or coming in person to the Writing and Humanities Tutoring Center.

### Veterans' Resource Center

[smc.edu/vet](http://smc.edu/vet)

**Liberal Arts 135 (310) 434-8205**

SMC's Veterans' Resource Center provides assistance in matters pertaining to a student's transition from the military to college. The Veterans' Resource Center offers a variety of support services to veterans of military service. The Center offers a place where students who are veterans can feel comfortable, decompress, and take a break from the campus hubbub. A free textbook-lending library, a study space, and a computer-tutoring room are available.

Through the Veterans' Resource Center, veterans can find or make arrangements for academic, career, and transfer counseling, as well as financial aid, tutoring, and other services that aim to help students achieve their education goals. VA paperwork for veterans' dependents receiving benefits under Chapters 33 and 35 of the GI Bill is also processed through the Veterans' Resource Center.

For more information, please visit the Veterans' Resource Center website ([smc.edu/vet](http://smc.edu/vet)), or drop by the Center.

### Welcome Center

[smc.edu/welcomecenter](http://smc.edu/welcomecenter)

**Cayton Center 110 (next to Cafeteria) (310) 434-8101**

The Welcome Center is a convenient "one-stop shop" where new students can find the information, services, and support they need to make a smooth transition to SMC. During enrollment periods, the Welcome Center has academic counselors and trained student ambassadors on hand to answer questions and assist new students with admission and enrollment processes. At the Welcome Center, new students can:

- Get help to resolve any admission or enrollment issues;
- Get information about financial aid and help with filling out financial aid applications;

- Take part in one-on-one and small-group counseling sessions;
- Seek personalized academic counseling and develop short-term and long-term education plans; and
- Use computers to apply to SMC, enroll in classes, complete their online orientation, and/or work on their education plans.

The Welcome Center also offers the First Year Experience (FYE) program to help students make the transition from high school to college, sort out career and education goals, and create a plan of action to reach those goals. See First Year Experience (FYE) Program, above, for details.

For more information about the Welcome Center, please see our website, call us, or stop by for a visit.

### Workforce & Economic Development (W&ED)

[smc.edu/workforcedevelopment](http://smc.edu/workforcedevelopment)

**Bundy Campus, Room 112C**

**3171 S. Bundy Dr., Los Angeles**

**(310) 434-4040**

**Contact: Patricia Ramos**

SMC's Workforce and Economic Development Office offers a variety of services and training programs for area employers and residents. W&ED designs customized programs to help develop the skilled workforce that the region needs to increase its economic growth and compete successfully in today's global market.

W&ED works with public agencies and private employers to identify regional workforce needs. Based on these needs, the W&ED experts design and implement short-term training programs that focus on meeting an employer's needs for specific skills and skill levels. These programs provide pre-employment training in basic and job-specific skills for people preparing to enter or return to the workforce; post-employment training for partner businesses and industries to upgrade their employees' skill levels to meet current and projected needs; and concurrent employment training to update and expand the professional and managerial skills of employees to help area employers expand their growth and maintain a competitive edge.

To support these programs and their participants—both workers and employers—the Workforce and Economic Development Office seeks out and works to acquire public and private funding and other resources to help employers and workers cover their training costs. The Office also provides career counseling and career-path planning to help current workers move ahead or into new areas of interest, and help new workers—including those receiving public assistance—develop skills that lead to economic self-sufficiency and help them advance to earn increased levels of income.

The W&ED website offers useful tools to help students with their career goals. Students interested in Career Technical Education (CTE) will find an informative brochure they can download (go to [smc.edu/CTEViewbook](http://smc.edu/CTEViewbook)). Career Coach provides the opportunity to learn about employment prospects in the field, job opportunities, income potential, related degrees, and the education and training available at Santa Monica College (go to [smc.edu/CareerCoach](http://smc.edu/CareerCoach)).

For additional information, please call our office or visit our website.

# Academic Policies





## Academic Policies

This section of the SMC catalog offers a summary overview of selected academic policies, rules, regulations, and procedures at Santa Monica College. Topics are presented in alphabetical order. Information was current when this edition of the catalog was published. Santa Monica Community College District administration reserves the right to add, amend, or repeal any of its policies, rules, regulations, and procedures at any time. The information provided in this section is subject to change without notice. Please see the District's Administrative Regulations at [smc.edu/AdminRegulations](http://smc.edu/AdminRegulations) for additional details, as well as information on topics not covered in this or other sections of the catalog.

## Academic & Progress Probation & Disqualification Policies

Santa Monica College is committed to providing a broad range of academic courses, student services, and specialized programs to help students succeed and meet their goals. Students are expected to take responsibility for meeting the SMC Student Success Standards of "Academic Achievement" and "Timely Progress."

**Academic Achievement** is defined as maintaining a cumulative grade point average of C (2.0) or better in all classes taken at Santa Monica College. The cumulative SMC GPA does NOT include grades earned at other colleges or universities. However, please note that grades earned at other institutions WILL be used in calculating your grade point average for the purpose of graduation.

**Timely Progress** is defined as not exceeding the allowed percentage of I (Incomplete), W (Withdrawal), and NP (No Pass; formerly NC-No Credit) notations within the specified amount of enrolled units. A student who meets the standards of timely progress has enrolled in at least 12 cumulative units and received less than 50% of I, W, or NP notations.

Failure to meet the Student Success Standards can lead to academic probation, progress probation, academic disqualification, or progress disqualification. Please note: Per AR 4111.8 (Enrollment Priorities), students will be subject to lower enrollment priority after two consecutive semesters of probationary, disqualified, or readmitted status. Students will lose eligibility for the Board of Governors (BOG) Fee Waiver after two consecutive semesters of academic and/or progress probationary status (students in the Guardian Scholars Program and other foster youth are exempted).

Students on academic or progress probation should meet with a counselor as soon as possible to review the circumstances that led to probation, and to develop a student success plan, including a comprehensive student education plan.

## ACADEMIC PROBATION

To remain in good academic standing at Santa Monica College, students must maintain a C (2.0) or better cumulative grade point average.

Students will be placed on academic probation if they:

- Fall below a C (2.0) cumulative grade point average in 12 or more SMC cumulative units attempted; or
- Transfer to SMC while on disqualification status at another college or university; or
- Are readmitted after disqualification from SMC.

Students on academic probation are limited to enrolling in a maximum of nine (9) units in a Spring or Fall semester and five (5) units in a Winter or Summer session. Students who have been readmitted under probationary status after disqualification from SMC, or who have transferred to SMC after disqualification from another institution, are limited to a maximum of six (6) units in a Spring or Fall semester and five (5) units in a Winter or Summer session.

Students will remain on academic probation until they raise their cumulative SMC grade point average to a 2.0 or better, or are disqualified from attending SMC due to unsatisfactory academic performance.

As a preventive measure, students are urged to review the Attendance Policies section. Failure to properly withdraw from classes causes many students to be placed on academic and/or progress probation—situations that can be avoided by timely and appropriate withdrawal. **It is the student's responsibility to withdraw from a course. Informing the instructor is NOT sufficient. Failure to withdraw from a course can lead to receiving a grade of F (0.0).**

**F-1 VISA STUDENTS PLEASE NOTE:** Federal law *requires* students with an F-1 visa to complete 12 units during each Fall and Spring semester, *regardless of academic status*. If there is ANY possibility that you may be placed on academic probation or disqualified from attending SMC due to poor academic performance, IMMEDIATELY arrange to discuss your situation with a counselor from the International Education Center.

**STUDENT ATHLETES IN SEASON OF COMPETITION (Spring/Fall) PLEASE NOTE:** To compete in a given sport at SMC, you must be enrolled in and actively attending 12 units (a maximum of 3 of those units can be for KIN PE courses) during the season of competition, regardless of academic status. If there is ANY possibility that you may be placed on academic probation or disqualified from attending SMC due to poor academic performance, IMMEDIATELY arrange to discuss your situation with an athletic counselor by calling (310) 434-8017.

## PROGRESS PROBATION

To remain in good standing at Santa Monica College, students must not exceed the allowed percentage of I (Incomplete), W (Withdrawal), and NP (No Pass; formerly NC-No Credit) notations within the specified number of enrolled units.

A student enrolled in at least twelve (12) semester units will be placed on progress probation if the percentage of units in which the student receives a notation of W (Withdrawal), I (Incomplete), or NP (No Pass) reaches or exceeds 50% of units enrolled.



Students on progress probation are limited to enrolling in a maximum of nine (9) semester units in a Spring or Fall semester and five (5) semester units in a Winter or Summer session.

Students will remain on progress probation until they increase their number of completed units to meet the required percentage of their enrolled units, or until they are disqualified from attending SMC due to their continuing unsatisfactory progress.

**F-1 VISA STUDENTS PLEASE NOTE:** Federal law *requires* students with an F-1 visa to complete 12 units during each Fall and Spring semester, *regardless of academic status*. If there is ANY possibility that you may be placed on progress probation or disqualified from attending SMC due to unsatisfactory progress, IMMEDIATELY arrange to discuss your situation with a counselor from the International Education Center.

**STUDENT ATHLETES IN SEASON OF COMPETITION (Spring/Fall) PLEASE NOTE:** To compete in a given sport at SMC, you must be enrolled in and actively attending 12 units (a maximum of 3 of those units can be for KIN PE courses) during the season of competition, regardless of academic status. If there is ANY possibility that you may be placed on progress probation or disqualified from attending SMC due to unsatisfactory progress, IMMEDIATELY make arrangements to discuss your situation with an athletic counselor by calling (310) 434-8017.

### **BOG FEE WAIVER SATISFACTORY ACADEMIC PROGRESS REQUIREMENT**

The State of California now requires BOG Fee Waiver recipients to meet certain minimum academic standards. Please note:

- \* To remain BOG Fee Waiver eligible, students must maintain at least a 2.0 GPA and a course completion rate of at least 50%.
- \* Students who fail to meet the GPA and/or completion rate standards will be placed on BOG Fee Waiver Probation.
- \* Students on BOG Fee Waiver Probation have one major term (Fall or Spring semester) to raise their GPA and/or completion rate.
- \* Students who fail to raise their GPA and/or completion rate up to the minimum standards may become ineligible for a BOG Fee Waiver for the next Fall or Spring semester unless they (a) have already enrolled in the next Fall or Spring semester; or (b) have not yet completed 12 units.

For more information about the new BOG Enrollment Fee Waiver Satisfactory Academic Progress Requirement, including how to appeal the loss of BOG Waiver eligibility, please go to the SMC Financial Aid webpage.

### **ACADEMIC DISQUALIFICATION**

Academic disqualification will result if a student who begins the Fall or Spring semester on academic probation fails to achieve a cumulative GPA of 2.0 or higher by the end of the semester. However, any student on academic probation whose most recent semester GPA equals or exceeds a 2.0 GPA will not be disqualified, but continue on academic

probation. Students on “readmitted disqualified” status will be initially limited to a maximum of six (6) units when pre-enrolling for the next Fall or Spring semester, and a maximum of three (3) units when pre-enrolling for the next Winter or Summer session. A student who becomes disqualified after pre-enrolling for the subsequent semester will be administratively dropped from all registered courses if the student is not reinstated by a counselor.

For further information, please see an SMC counselor.

### **PROGRESS DISQUALIFICATION**

Students who have been placed on progress probation at the end of a Fall or Spring semester will be disqualified from Santa Monica College at the end of the subsequent semester when the cumulative percentage of units in which a student receives a notation of W (Withdrawal), I (Incomplete), or NP (No Pass; formerly NC-No Credit) reaches or exceeds 50% of units enrolled.

A student who becomes disqualified after pre-enrolling for the subsequent semester will be administratively dropped from all registered courses if the student is not reinstated by a counselor.

Any student on progress probation, however, whose most recent semester work does not exceed the allowed percentage of W, I, or NP notations will not be disqualified, but continue on progress probation. Students on “readmitted disqualified” status will be initially limited to a maximum of six (6) units when pre-enrolling for the next Fall or Spring semester, and a maximum of three (3) units when pre-enrolling for the next Winter or Summer session. A student who becomes disqualified after pre-enrolling for the subsequent semester will be administratively dropped from all registered courses if the student is not reinstated by a counselor.

Go to [smc.edu/DQProbationPolicies](http://smc.edu/DQProbationPolicies) or see a counselor for more information.

### **REINSTATEMENT OF DISQUALIFIED STUDENTS**

Students who have been disqualified (dismissed) from Santa Monica College due to poor academic performance and/or unsatisfactory progress, *and who have been away from SMC for one semester or less*, must complete and submit a ‘Disqualified Student Petition for Reinstatement to Probationary Status.’ Students who petition for reinstatement to SMC may or may not be allowed to return, depending on reinstatement guidelines. To complete the reinstatement petition, students must go to [smc.edu](http://smc.edu) and log in to Corsair Connect, then go to ‘SMC Quick Links,’ click on ‘DQ Student Petition,’ and follow the instructions. Once the petition is successfully submitted, a confirmation message will appear, and the petition will be saved in the Corsair Connect account. To have a reinstatement petition reviewed and processed, a student **MUST** meet in person with a counselor. The counselor will determine whether reinstatement is possible, what conditions the student must meet in order to enroll at SMC, and how many units the student may enroll in, up to a maximum of 6 units per academic term.

If a student is denied reinstatement, the counselor may require the student to successfully complete a specific number of units at another college or university, with a

specific minimum GPA, before being allowed reinstatement to SMC.

Other policies regarding reinstatement at SMC include:

- After a 1st disqualification, if a student is allowed to reinstate, the counselor will specify a maximum number of units the student can enroll in, up to a maximum of six (6) units for a Fall or Spring semester, and up to a maximum of three (3) units for a Winter or Summer session;
- After a 2nd disqualification, a student must wait for one semester and possibly one intersession before requesting to be reinstated; and
- After a 3rd disqualification, and each disqualification after that, a student must wait for one year before requesting to be reinstated.

Please see [smc.edu/DQProbationPolicies](http://smc.edu/DQProbationPolicies) for information on other requirements for disqualified students seeking reinstatement to SMC.

### ADMISSION/READMISSION OF STUDENTS DISQUALIFIED FOR ACADEMIC OR PROGRESS REASONS

A disqualified student who wishes to be readmitted *after being away from Santa Monica for two consecutive semesters (one year) or longer* or who is attending SMC for the first time after being disqualified from another institution is required to file BOTH an SMC Admission Application AND a 'Disqualified Student Petition for Reinstatement.' The student must take the following steps IN THE ORDER PRESENTED.

- The student must file an application for admission to SMC by going to [smc.edu/apply](http://smc.edu/apply) and clicking on the 'Apply Now' button in the 'New/Returning Students' section.
- After submitting the application, the student will receive an email that provides an SMC Student ID number, which will be used to log in to Corsair Connect. Returning students will have their previous SMC ID number reactivated in the system.
- The student must log in to Corsair Connect, look under 'SMC Quick Links' for the 'DQ Student Petition' link, click on that link, and complete and submit the petition.
- Once the completed DQ Petition is submitted, a message will appear with further instructions for the student to follow. The Readmission Committee will determine whether reinstatement is possible and what conditions the student must meet in order to enroll at SMC, and will email its decision, along with any further instructions, to the student's SMC email address.
- **IMPORTANT:** Students who have been disqualified from another college (not SMC) must also fax a copy of their unofficial transcripts (or arrange for official transcripts to be sent to SMC) from ALL colleges attended. Fax transcripts to (310) 434-4007, or mail to the Transfer/Counseling Center, ATTN: Readmission Committee, Santa Monica College, 1900 Pico Blvd., Santa Monica, CA 90405. PLEASE NOTE: The reinstatement process will NOT continue

OR be complete until all transcripts are received.

After a student's transcripts are received, an SMC counselor will review the petition and email the decision—along with any further instructions—to the student's SMC email address. Once readmitted to SMC, the student **MUST** arrange for an official copy of all transcripts to be sent *directly by the previous college(s)* to Santa Monica College, ATTN: Admissions, 1900 Pico Blvd., Santa Monica, CA 90405-1628.

When the transcripts are received, an SMC counselor will review the student's DQ Petition and email a response to the student's SMC email address.

### ADMISSION OF STUDENTS DISQUALIFIED FOR OTHER REASONS

Students disqualified, suspended, or expelled from other institutions for disciplinary issues should meet with the Admissions supervisor to resolve their enrollment status.

## Academic & Progress Renewal

Santa Monica College will disregard a selected number of units for classes a student previously completed at SMC in which the student's performance was substandard. Students who wish to have previous coursework disregarded must meet the requirements for academic renewal or progress renewal.

### ACADEMIC RENEWAL

Academic Renewal is a process designed to facilitate a student's completion of a degree or certificate program—and/or the student's removal from academic probation—by disregarding up to 30 semester units of the student's previous coursework. The student must discuss his or her situation with a counselor and file a petition for academic renewal. Final approval of the petition will be granted by the Admissions Office.

To qualify for academic renewal, the student must meet the following criteria:

1. The student has not previously used petitioned coursework for a degree or certificate from SMC or for CSU GE certification; and
2. The coursework to be disregarded is limited to classes where the student received a grade of D (1.0) or F (0.0) and did not subsequently complete the course with a C (2.0) or higher at SMC; and
3. The student has completed a minimum of:
  - 36 consecutive semester units with a 2.0 GPA, or
  - 24 consecutive semester units with a 2.5 GPA, or
  - 15 consecutive semester units with a 3.0 GPA

at a regionally accredited college or university *after* having completed the coursework to be disregarded; units must be consecutive and must have begun any time after the coursework to be disregarded; and

4. There must be a lapse of at least one year since the student's completion of the most recent coursework to be disregarded.

All disregarded coursework will remain in the student's permanent record, and the student's transcripts will be annotated to make it readily evident that any disregarded course(s) may not be used to satisfy certificate, degree, or general education requirements.

### PROGRESS RENEWAL

Progress Renewal is a process designed to facilitate a student's completion of a degree or certificate program—and/or the student's removal from progress probation—by disregarding up to a maximum of 30 semester units of the student's previous coursework. The student must discuss his or her situation with a counselor and file a petition for progress renewal. Final approval of the petition will be granted by the Admissions Office.

To qualify for progress renewal, the student must meet the following criteria:

1. The coursework to be disregarded is limited to classes where the student received a notation of W (Withdrawal), MW (Military Withdrawal), or NP (No Pass; formerly NC-No Credit); and
2. The student has completed—without receiving a notation of NP (No Pass), NC (No Credit), W (Withdrawal), or I (Incomplete)—a minimum of:
  - 36 consecutive semester units with a 2.0 GPA, or
  - 24 consecutive semester units with a 2.5 GPA, or
  - 15 consecutive semester units with a 3.0 GPA,
 at a regionally accredited college or university after having completed the coursework to be disregarded; units must be consecutive and must have begun any time after the coursework to be disregarded; any Withdrawal ("W"), Incomplete ("I"), No Credit ("NC"), or No Pass ("NP") notation/grade received during this timeframe will make the student ineligible for progress renewal; and
3. There must be a lapse of at least one year since the student's completion of the most recent coursework to be disregarded.

All disregarded coursework will remain in the student's permanent record, and the student's transcripts will be annotated to make it readily evident that any disregarded course(s) may not be used to satisfy certificate, degree, or general education requirements.

## Academic Requirements for Good Standing

To maintain good academic standing at SMC, students are required to have a minimum 2.0 (C) grade point average, based on all units attempted. Please see the Academic & Progress Renewal policies (page 329) and the Course Repetition policy (page 332) for information on possible improvement of grade point average (GPA).

### DEAN'S HONOR LIST

Each Fall and Spring semester, a Dean's Honor List of outstanding students is issued. To be eligible for the Dean's Honor List, a student must have completed a program of

12 or more units at Santa Monica College during the qualifying Fall or Spring semester, and have earned a semester grade point average of 3.0 or higher. The units must be in courses that award an A (4.0), B (3.0), C (2.0), D (1.0), or F (0.0) as a grade (grades of P, NP, or I are not included).

A student's transcript will be annotated with the designation "Dean's Honor List."

### HONORS AT GRADUATION

Santa Monica College students who have consistently demonstrated outstanding academic excellence and have a cumulative grade point average of 3.0 or higher for all college-level courses they have completed at SMC and at other regionally accredited colleges receive special recognition of their outstanding academic excellence at graduation. A record of their graduation honors will appear on their transcript.

To be eligible for honors at graduation, students must not only have a 3.0 or higher cumulative GPA (including coursework from other colleges), but also meet all of SMC's graduation requirements, including the completion of a minimum of 12 units of coursework while attending SMC. Students must also be in good academic standing (i.e., not on disqualified status for lack of progress) at the time they graduate.

A student's cumulative grade point average must match the narrow range specified below for the student to be awarded one of the following honors with the Associate degree:

- Graduation with Highest Honors—requires a student to have attained a cumulative GPA of 4.0 (including coursework from other colleges) and completed a minimum of 12 units of coursework while attending SMC;
- Graduation with High Honors—requires a student to have attained a cumulative GPA ranging from 3.70 to 3.99 (including coursework from other colleges) and completed a minimum of 12 units of coursework while attending SMC; and
- Graduation with Honors—requires a student to have attained a cumulative GPA ranging from 3.0 to 3.69 (including coursework from other colleges) and completed a minimum of 12 units of coursework while attending SMC.

Students who have been suspended from the College—regardless of how excellent their grade point average might be—are not eligible to receive honors at graduation.

## Attendance Policies

**Please note:** The attendance and withdrawal policies listed in this section do not apply to noncredit and not-for-credit classes at Santa Monica College.

### ATTENDANCE & INSTRUCTOR REQUEST TO DROP A STUDENT

A student enrolled in any class at SMC who does not attend (or if an online class, actively participate in) ALL of the sessions for that class that meet during the FIRST WEEK of the

class RISKS BEING DROPPED from the class by the instructor, or may receive an F (0.0) for nonattendance.

A student may also be dropped from a class when, in the instructor's judgment, the student's number of absences has become excessive or the student is no longer participating in the course. Faculty will determine the consequences of absences and late arrivals.

A student who drops a class between the refund deadline and the 75% mark of the class (listed as the deadline for a Guaranteed "W" on the class schedule at the student's Corsair Connect account) will receive a grade of W (Withdrawal), and units for the class will be included in the student's enrolled units. **PLEASE NOTE: California Education Code does NOT recognize withdrawal from a class for medical reasons for California Community Colleges, and the SMC Admissions Office will not be able to grant one to a student.** Santa Monica College DOES, however, allow a student to withdraw from a course through the 75th percentile of the class without risk of getting a failing grade in the class. However, the student will receive a W.

Instructors will assign students who have not officially withdrawn from a class by the deadline a grade of A (4.0), B (3.0), C (2.0), D (1.0), F (0.0), or—if they are enrolled in courses offered on a pass/no pass basis or have petitioned to take a course on a pass/no pass basis—a grade of P (Pass) or NP (No Pass).

Go to [smc.edu](http://smc.edu), click on the "Corsair Connect" link, then click on the class schedule for details.

## ATTENDANCE & STUDENT REQUEST TO WITHDRAW FROM CLASSES

A student enrolled in any SMC class MUST ATTEND ALL of the sessions of that class that meet DURING THE FIRST WEEK of the class or RISK BEING DROPPED from the class by the instructor. A student may be dropped from a class when, in the instructor's judgment, the student's number of absences has become excessive or the student is no longer participating in the course. Since attendance is essential for normal progress in a class, a student is expected to be in class regularly and on time. Faculty will determine the consequences of absences and late arrivals.

**The last official day to drop will be at the 75th percentile of the term.** Students should review their Corsair Connect account for their specific dates and deadlines. All students who have NOT withdrawn by this deadline will receive a grade of A (4.0), B (3.0), C (2.0), D (1.0), F (0.0), or—if they are enrolled in courses offered on a pass/no pass basis or have petitioned to take a course on a pass/no pass basis—a grade of P (Pass) or NP (No Pass). Specific drop dates are noted next to each enrolled class listed in the student's Corsair Connect account. **PLEASE NOTE: California Education Code does NOT recognize withdrawal from a class for medical reasons for California Community Colleges, and the SMC Admissions Office will not be able to grant one to a student.** Santa Monica College DOES, however, allow a student to withdraw from a course through the 75th percentile of the class without risk of getting a failing grade in the class. However, the student will receive a W.

A student may petition for late withdrawal after the 75th percentile of the semester or session if in the instructor's judgment there are extenuating circumstances, such as

verified cases of an accident, military obligation, or other circumstances beyond the control of the student. The student must file a Petition for Late Withdrawal in the Admissions Office, and obtain the approval of the faculty members involved and the Dean of Enrollment Services prior to the end of the term. If the petition is approved, the resulting grade will be a W. Students who have completed the course including taking the final or submitting final projects are NOT eligible for a late withdrawal. In those cases the student should meet with the instructor if they wish to contest their grade, as a Withdrawal is no longer an option.

**For specific information about these dates and deadlines,** please go to [smc.edu](http://smc.edu), click on the "Corsair Connect" link, and click on the class schedule.

**Requests for Retroactive Withdrawal:** Retroactive withdrawals from classes are normally not permitted. However, these may be granted under certain limited circumstances. To be eligible for a retroactive withdrawal, the student must have extenuating, documented, and verifiable circumstances to justify withdrawal from a class—and to justify requesting such a withdrawal retroactively—in order for a retroactive withdrawal request to be considered. *A retroactive withdrawal cannot be used as a way to remedy poor academic performance in a class.* Students must file a petition for retroactive withdrawal in the Admissions Office no more than 90 calendar days after the end of the term in which they were enrolled in the course. If the petition is approved, the resulting grade will be a W.

## Auditing Classes

Santa Monica College does not permit auditing of classes. All students attending credit or noncredit classes at Santa Monica College must be officially enrolled through SMC's Admissions Office. Seniors attending free, noncredit classes on topics of interest to older adults must be enrolled through the Emeritus program. Students attending fee-based not-for-credit classes to explore personal interests or gain professional certification—or attending free English as a Second Language (ESL) and other noncredit adult education classes offered through SMC Community Education—must be enrolled through the SMC Community Education office.

## Basic Skills Preparation Courses

**Basic Skills courses may NOT be applied toward the degree.** The following courses are identified as Basic Skills courses:

**English** 20, 21A, 23, 24, 80, 84R, 84W, 85; **ESL** 10G, 10W, 11A, 14A, 14B, 15, 16A, 16B, 16C, 17, 23; **Biology** 81; **Counseling** 21H, 22H, 25H, 41H; **Mathematics** 81, 84, 85. No more than eight units in Cooperative Work Experience/Internship may be applied toward the degree. **Counseling** 23 cannot be applied toward the degree.



## Course Repetition

California Code of Regulations Title 5 limits the number of times a student may repeat a course in the California Community College system. These regulations also require all current and prior credit course enrollments, repetitions, and withdrawals in a student's enrollment record to be counted toward the maximum limit.

Students who wish or need to repeat a course in which they have previously earned an unsatisfactory grade or a W may re-enroll ONE TIME without the need to request prior permission from a counselor. Any subsequent attempts to re-enroll require authorization from a counselor BEFORE ENROLLING. In some cases, after meeting with a counselor, students will need to complete and file a Request for Special Consideration petition with the Counseling Department to repeat a course. The counselor will determine whether a petition is required. Depending on the circumstances, requests to enroll in a course a THIRD time may not be approved. Requests to enroll in a course a FOURTH time (or more) will NOT be approved, except under certain, very limited extenuating circumstances, which must be documented.

For complete details, please see "Credit Course Enrollment Limitation" (SMC AR 4340), available online (go to [smc.edu/AR4000StudentServices](http://smc.edu/AR4000StudentServices)). *The Credit Course Enrollment Limitation policy is subject to change, pending revisions to California Code of Regulations Title 5.*

Santa Monica College permits students to repeat (enroll again in) courses they have already completed, but *only* under special circumstances authorized by California Code of Regulations Title 5. The special circumstances include:

1. Courses that were originally completed with an unsatisfactory grade of D (1.0), F (0.0), NP (No Pass; formerly NC-No Credit) and/or W (Withdrawal), or MW (Military Withdrawal); or
2. Courses Santa Monica College has designated as repeatable; or
3. Courses in which a student received a satisfactory grade and one of the following conditions applies:
  - The original course was completed at least three (3) years prior to repeating it, and
  - The course is required by the District as a recency prerequisite, OR another educational institution to which a student seeks to transfer requires the course to be taken more recently than the student's last enrollment in the course [note that the significant-lapse-of-time exception cannot be used if the student earned a substandard grade when last enrolled in the course.]; or
  - The student's previous grade in the course was determined to be the result of extenuating circumstances (illness, accident, fire, etc.; documentation of circumstances is generally required); or
  - The student has one or more disabilities and the student's success in other classes is dependent upon additional repetition of a special class, the student needs to enroll again to be prepared for enrollment in other classes, or the student's education plan specifies a goal in which additional

enrollments in the special class will help further that goal [note that the course repetition must be designated as part of the student's accommodation]; or

- Courses that are required by statute or regulation as a condition of employment AND the student is seeking to be employed for a paid or volunteer job that requires the course; or
- Courses that address a significant change in industry or licensure standards so that repetition is necessary for the student's employment or licensure [note that appropriate documentation will be requested]; or
- A legally mandated training or cooperative/occupational work experience requirement; or
- The classes are variable unit open entry/open exit credit courses, where a specific portion of the course needs to be repeated as permitted by Title 5 Regulations.

In cases where a student has earned more than two substandard grades (or, in the case of Withdrawals, the first two Ws) in a single course can be disregarded when calculating a student's grade point average (GPA) if the course is subsequently repeated. The NEW grade earned must be an A, B, C, D, F, or P (Pass), or NP (No Pass) for this to occur. A W, MW, or I cannot be used to disregard any previous grades or notations on transcripts. All of the original grades always remain in the student's permanent record, as required by Title 5, but will have a notation to indicate that the course was repeated.

For example, if a student takes English 1 for the first time and earns a D (1.0), then repeats the course and earns another D (1.0) the second time, and then, on a counselor-authorized third attempt, earns a C (2.0), the previous two D grades will be disregarded (although the grades will still appear on the student's transcript, noted to show the course repetition), and the C (2.0) will be used to recalculate the student's GPA.

Please note that the *only* grades that may be recalculated for improvement of a student's GPA are the first two unsatisfactory grades that the student earns in the course, and ONLY if both attempts at taking the course were made at Santa Monica College. Even if the student receives special permission to enroll in the same course for a fourth time, the GPA recalculation is limited to the first two unsatisfactory grades earned in the course. Note that any grades earned in courses taken at other colleges or universities cannot be used to recalculate a student's GPA at SMC.

Repeating a course that a student originally completed with a grade of A (4.0), B (3.0), C (2.0), or P (Pass) will have **NO effect** on the student's GPA or units completed, and is only permitted after the student files a written request and receives approval to repeat the course, *and only* if the student is repeating the course under one of the special circumstances listed above.

Santa Monica College has designated selected courses as being repeatable per California Code of Regulations Title 5 §55041. In some cases, courses are grouped together because they are related in content. These courses may include several levels, but also have a *cumulative* course repeatability of three (i.e., a total of four course comple-

tions is permitted). For example, Dance 43, 44, 45, and 46 are grouped together because they are all different levels of contemporary modern dance for the major. A student who repeats Dance 43 (two course enrollments: taking the course initially, and repeating the course), and then completes Dance 44 and Dance 45, has accumulated four enrollments in a group of courses. As a result, that student may not enroll in Dance 46, because doing so would exceed the maximum number of course repetitions that are permitted. In addition, any Dance course enrollments in which the student earned a grade of D (1.0), F (0.0), NP (No Pass; formerly NC-No Credit), and/or W (Withdrawal) or MW (Military Withdrawal) will count toward the maximum number of enrollments allowed in the course grouping.

## Credit Normally Allowed

All college-level courses (except some religion and theology courses) taken in US regionally accredited two-year colleges and the lower division of US regionally accredited four-year colleges will be counted toward the degree. Upper division, graduate, and professional courses from US regionally accredited colleges will only be counted if needed to meet minimum degree requirements.

Consult a counselor for information regarding credit for coursework taken after leaving SMC. A maximum of six (6) semester units is granted for Cooperative Work Experience/Internship.

### REDUCTION OF CREDIT

Students are cautioned to check transfer school catalogs often, because course changes are frequently made by universities and colleges, and certain combinations of courses can result in a reduction of unit credit upon transfer.

### NON-REGIONALLY ACCREDITED COLLEGES AND UNIVERSITIES

Under specific circumstances, students may transfer up to fifteen (15) semester units of credit from a non-regionally accredited college or university to Santa Monica College. Please see Administrative Regulation (AR) 4000—available online at [smc.edu/AR4000StudentServices](http://smc.edu/AR4000StudentServices)—for details.

### COURSE LIMITATIONS

Basic Skills courses may NOT be applied toward the degree. See the Basic Skills Preparation Courses information above for details.

Students may apply as elective units toward any degree or Certificate of Achievement up to six (6) semester units of Independent Study credit.

Students may apply as elective units toward any degree or Certificate of Achievement up to eight (8) semester units of Cooperative Work Experience/Internship credit.

### FOREIGN COURSEWORK

Students who have satisfactorily completed courses from a foreign nation's appropriately accredited university may be able to apply the course credits toward a degree at SMC. Students should consult a counselor BEFORE requesting to have credits evaluated, because the time it takes to

evaluate a large number of units can delay enrollment. Courses must first be evaluated by an approved credential evaluation agency, and then reviewed by the SMC Admissions Office. Some courses may also require approval by the department chair. Once courses are approved, their credit(s) may be transferred to SMC.

To have foreign coursework credits evaluated, students should visit [smc.edu/foreigncoursework](http://smc.edu/foreigncoursework) and contact one of the approved credential evaluation agencies listed there.

**Please note:** Foreign coursework will NOT satisfy general education requirements for Area II, Social Science, Group A (American History/Government) or for Area IV, Language and Rationality, Group A (English Composition).

## Grades, Units, & Transcripts

### GRADES

The grades used (and their value) to indicate scholarship at Santa Monica College are: A (Excellent; 4.0), B (Good; 3.0), C (Satisfactory; 2.0), D (Less than satisfactory; 1.0), F (Failing; 0.0), P (Pass; at least satisfactory; units awarded, but not counted in GPA), NP (No Pass; less than satisfactory; no units awarded or counted in GPA), W (Withdrawal), MW (Military Withdrawal), I (Incomplete), and SP (Satisfactory Progress; used for noncredit courses).

### "Pass/No Pass" ("P/NP") Grade Policies (Formerly "Credit/No Credit")

California Code of Regulations Title 5 §55752 allows a grade of P (Pass) or NP (No Pass) to be given under two circumstances:

- 1 Courses offered by the College on a pass/no pass basis, where a single standard of satisfactory performance is used to evaluate students; and
- 2 Courses that a student individually petitions to enroll in on a pass/no pass basis, and receives approval to do so.

Courses that Santa Monica College designates as pass/no pass courses will use the P/NP grading system exclusively. Students who enroll in these courses will be evaluated on a single standard of satisfactory performance. Course units will be credited only when students meet this standard. Units will not be credited for a performance that is less than satisfactory.

Courses that a student individually petitions to take on a pass/no pass basis require the student to take all of the course's tests and do all assignments. The standards of evaluation in such courses are identical for all students. Students who enroll on a pass/no pass basis are subject to all attendance and withdrawal policies, and must meet the criteria listed below.

1. Part-time students (those enrolled in fewer than 12 units) are limited to 5 units of pass/no pass enrollment per semester. Full-time students (those enrolled in 12 or more units) are limited to 6 units of pass/no pass enrollment per semester. Exceptions for enrollment in a single course that awards more than

5 units may be authorized by the Dean of Enrollment Services or designee.

2. Course units taken under the option of pass/no pass may not exceed a total of 12 units at Santa Monica College.
3. Students who have already received a Bachelor of Arts or Bachelor of Science degree from an accredited college or university may take an unlimited number of units on a pass/no pass basis.

Students who wish to take courses on a pass/no pass basis must file a request in the Admissions Office before the 30th percentile of the course length. For specific information, please go to [smc.edu](http://smc.edu), click on the “Corsair Connect” link, and see your class schedule. Courses that are 2 weeks or less in length may not be taken on a P/NP basis. **Once the deadline has passed, the decision to take a course on a pass/no pass basis is irrevocable.**

“Pass” will be indicated on a student’s permanent record as P, with units awarded, but no grade points. Students receive a grade of P when their performance is equivalent to a C (2.0) or higher. “No Pass” will be indicated on a student’s record as NP, with no units completed and no grade points. Students receive a grade of NP when their performance is equivalent to a D (1.0), or F (0.0). In either case, a student’s grade point average is not affected, and units are not included in a student’s units attempted for purposes of determining academic probation or academic disqualification. Units awarded for courses taken on a pass/no pass basis will, however, be included in a student’s units enrolled for purposes of determining progress probation or progress disqualification. See Academic & Progress Probation & Disqualification Policies, below, for details.

### “Incomplete” (“I”) Grade Policies

“Incomplete” is a temporary grade status available to a student who has participated in the course and is doing C (2.0) or better work prior to the final exam or final project, but who is unable to complete the final requirements of a class because of illness, accident, emergency, or other circumstances beyond the student’s control. An Incomplete may NOT be used for a student who should have been dropped earlier in the term for nonattendance.

An Incomplete can be given only upon the approval of the instructor. However, the instructor is not required to grant an Incomplete to a student, and such decisions by an instructor are final and may not be appealed by the student. If the instructor approves, an “I” is temporarily entered on the student’s record.

An Incomplete for a class may be requested during the final week of the class or the final test period. Appropriate documentation may be required. Only an instructor may give approval for an Incomplete.

To receive an Incomplete for a course, a student must request the Incomplete from the instructor of the course BEFORE the instructor submits final grades for that course OR before the College’s official deadline for submission of final grades, whichever comes first.

The conditions necessary for removing an Incomplete will be stated in writing by the instructor and recorded in the Admissions Office, and a copy will be provided to the student. The statement will also list the grade (A through F,

or 4.0 through 0.0) that will be assigned if the conditions are not met. The instructor will fill out and submit the Incomplete form online when submitting grades for the course.

An Incomplete must be made up no later than one year from the end of the semester it was assigned, and the actual date by which the student must complete the required coursework will be determined by the course instructor.

Units for classes in which a student receives an Incomplete will be counted as part of a student’s units enrolled, but will not be included in the student’s units attempted or units completed, and no grade points will be assigned. Once a student completes the requirements for the “Incomplete,” the instructor will submit a “Request Correction of Course Grade” to the Admissions Office. An Incomplete, when properly made up, will give the student the appropriate grade points for the grade finally earned.

Students may NOT repeat a class in which they currently have an “I”. If they enroll into the class again before receiving the final grade, they will be dropped by the Admissions office.

### “Withdrawal” (“W”) Grade Policies

See the Attendance Policies section, above, for information regarding withdrawal from classes and policies affecting W (Withdrawal) grades.

### Grade Point Average (GPA)

A grade point average (GPA) is the sum of a student’s grade points divided by the number of “all units attempted.” California Code of Regulations Title 5 §55757 defines “all units attempted” as “all units of credit for which the student is enrolled in the current community college of attendance,” but leaves it up to the governing board of each community college district—in this case, the Board of Trustees of the Santa Monica Community College District—to establish regulations regarding whether “all units attempted” includes or excludes units for classes in which a notation of P (Pass), NP (No Pass), I (Incomplete), IP (In Progress), W (Withdrawal), or MW (Military Withdrawal) is assigned.

At Santa Monica College, units for classes in which a student is assigned a notation of W (Withdrawal), MW (Military Withdrawal), I (Incomplete), or IP (In Progress) are specifically excluded from “all units attempted.” Units for classes taken on a pass/no pass basis are also excluded from “all units attempted,” and are disregarded when calculating a student’s grade point average. In addition, grades earned in courses that may not be applied toward earning a degree are excluded from a student’s grade point average. In other words, only the units of credit for classes in which a student received a grade of A (4.0), B (3.0), C (2.0), D (1.0), or F (0.0) are included in “all units attempted” and used when calculating the student’s grade point average.

### Grade Changes

With the exceptions of academic renewal, progress renewal, and approved course repetition, grades assigned by the faculty are considered to be final and will generally only be changed in cases of clerical error or demonstrated instructor mistake, fraud, bad faith, or incompetence. No other reason is valid. *Students who wish to appeal a*



grade based on instructor mistake, fraud, bad faith, or incompetence should be aware that they must file a formal grade appeal by October 30 for Spring semester grades, November 30 for Summer session grades, April 30 for Fall semester grades, and May 30 for Winter session grades. As soon as possible after receiving the grade, the student should consult with the instructor, and must also see the College Ombudsperson, who will outline the procedure to be followed. Students may schedule an appointment with the Ombudsperson by sending email to [ombuds@smc.edu](mailto:ombuds@smc.edu) or by calling (310) 434-3986. Additional details on the procedure for appealing a grade can be found in the Student Complaints, Hearings, & Appeals section of this catalog. However, students must meet with the College Ombudsperson at least 15 days before the deadline to discuss the grade appeal procedure and attempt to resolve the grade dispute informally.

## UNITS

### Units Enrolled

Santa Monica College defines “units enrolled” (or “enrolled units”) as being all the units of credit for all the classes in which a student was officially enrolled on or after the first census date of an academic term. In other words, “units enrolled” means all the classes a student enrolled in and received a grade of A (4.0), B (3.0), C (2.0), D (1.0), F (0.0), P (Pass), or NP (No Pass), or a notation of I (Incomplete), W (Withdrawal), or MW (Military Withdrawal). Enrolled units are used for purposes of determining progress probation and progress disqualification, and for calculating a student’s grade point average.

### Units Attempted

Santa Monica College defines “units attempted” (or “attempted units”) as being all the units of credit for all the classes a student was officially enrolled in on or after the first census date of an academic term, in which the student received a grade of A (4.0), B (3.0), C (2.0), D (1.0), or F (0.0). Units for classes in which a student received a grade of P (Pass) or NP (No Pass), or a notation of I (Incomplete), W (Withdrawal), or MW (Military Withdrawal) are excluded from units attempted. Attempted units—sometimes referred to as “graded units”—are used for purposes of determining academic probation and academic disqualification, and for calculating a student’s grade point average.

### Graded Units

“Graded units” are the units of credit for classes in which a student received a grade of A (4.0), B (3.0), C (2.0), D (1.0), or F (0.0). See Units Attempted, above, for details.

### Units Completed

Santa Monica College defines “units completed” (or “completed units”) as being the units of credit for classes in which the student received a grade of A (4.0), B (3.0), C (2.0), D (1.0), or P (Pass). Units for classes in which a student was assigned a grade of F (0.0) or NP (No Pass), or a notation of W (Withdrawal), MW (Military Withdrawal), or I (Incomplete) are specifically excluded from completed units.

## CREDIT UNITS

At Santa Monica College, each unit of credit is considered a semester unit that is generally equivalent to a minimum of three hours of student work per week for the duration of a course. One semester unit of credit can equal one hour of lecture and two hours of study, OR two hours of activity and one hour of study, OR three hours of laboratory, OR three hours of independent study under the supervision of a faculty member.

## TRANSCRIPTS

Students may obtain an official transcript of their permanent record by placing an order online at a secure site on the Admissions webpage or by filing an application for transcripts in person in the Admissions Office. In both cases, a student’s signed authorization to release records is required by law, and students who request transcripts through the Admissions Office must present a photo ID.

A nominal service fee is added to the cost of transcripts ordered online, which are delivered by mail within approximately 10 business days of receipt of a student’s signed authorization. RUSH service is also available for transcripts ordered online, which are mailed within 72 hours of receipt of signed authorization. Students may arrange to pick up transcripts ordered on a RUSH basis if they wish. FedEx shipping options are also available.

Transcripts requested through the Admissions Office take two to four weeks to process and are delivered by mail only. The Admissions Office provides a student’s first two transcripts at no cost to the student. Each subsequent transcript costs \$5 (subject to change).

Please see [smc.edu/transcripts](http://smc.edu/transcripts) for specific details on how to order transcripts.

While enrolled at SMC, students may download an *unofficial* copy of transcripts by going to [smc.edu/cc](http://smc.edu/cc) and following the instructions provided there.

## Independent Studies

Students may apply up to six (6) semester units of Independent Study credit as elective units toward any degree or Certificate of Achievement.

## Internship/Cooperative Work Experience (CWE)

Students may apply up to six (6) semester units of Internship/Cooperative Work Experience credit as elective units toward any degree or Certificate of Achievement.

## Military Service Credit

A US veteran may request up to nine (9) units of credit for military service. Up to four (4) units based on service time (1 unit for each six months of service time)—of which three (3) units may be used to satisfy Area E of the CSUGE requirements—may be granted. An additional five (5) units of elective credit may be granted for basic training alone.



These units may NOT be used to meet GPA or subject requirements.

Additional credit may be allowed for specific programs of military training. For details, please consult with the Veterans' Counselor.

## Prerequisites & Corequisites

A prerequisite is a class that a student is required to complete (or a skill that a student is required to have) as a condition for enrolling in a class where current familiarity with the subject matter or possession of a particular skill is essential for the student to succeed in the class. For example, Chemistry 10, a prerequisite for enrolling in Chemistry 11, provides a basic introduction to the principles, laws, and nomenclature of chemistry, all of which a student needs to be familiar with in order to understand the subject matter covered in Chemistry 11.

A corequisite is a class a student is required to take simultaneously with another class as a condition for enrolling in the other class because the two classes are so interrelated that a student cannot pass one without the other.

### ESTABLISHMENT OF PREREQUISITES & COREQUISITES

All prerequisites and corequisites for SMC classes are established by Santa Monica Community College District administration under the standards set out in California Code of Regulations Title 5 §55003. Prerequisite(s) or corequisite(s) for a class are established whenever:

1. The prerequisite or corequisite is expressly required or authorized by statute or regulation; and/or
2. Students are highly unlikely to succeed in the class if they have not met the prerequisite or enrolled in the corequisite course; and/or
3. The prerequisite or corequisite is necessary to protect the health and safety of students or others involved in the class.

Prerequisites and corequisites for all classes at Santa Monica College must be satisfied with a grade of C (2.0) or better, regardless of whether they are completed at SMC or at another college or university.

Students who believe they already possess the knowledge or skills to succeed in a class may challenge its prerequisite(s) or corequisite(s) by following the Prerequisites and Corequisites Challenge Procedure established by District administration.

### PROCEDURE FOR CHALLENGING PREREQUISITES & COREQUISITES

**Please note:** In the procedure outlined below, every reference to prerequisites also refers to corequisites.

Students who have not completed a prerequisite or corequisite course at Santa Monica College (or at another college or university) and believe they should be exempted from the course may submit a Prerequisite Challenge Petition to the appropriate academic department. Prerequisites

may be challenged under one or more of the following grounds, and the student bears the initial burden of proof to show that grounds exist for the challenge.

1. The prerequisite has not been established in accordance with the District's process for establishing prerequisites.
2. The prerequisite is in violation of California Code of Regulations Title 5 §55003.
3. The prerequisite is either unlawfully discriminatory or is being applied in an unlawfully discriminatory manner.
4. The student will be subject to undue delay in attaining the goal of his/her education plan because the prerequisite course has not been made reasonably available.
5. The student has the ability or knowledge to succeed in the course despite not meeting the prerequisite.
6. The course has specific limitations on enrollment due to being a course that involves intercollegiate competition or public performance, or a course limited to a cohort of students who meet specific qualifications (for example, the qualifications required for participation in the Nursing Program), if no equivalent section is offered, the student would be delayed by a semester or more in attaining the degree or certificate specified in his or her student education plan, and the course in question is required to complete the degree or certificate.
7. The student seeks to enroll in a course that has a prerequisite established to protect health and safety, and the student demonstrates that he/she does not pose a threat to himself/herself or others.

If space is available, a student will be permitted to enroll in the course in question. Each prerequisite challenge will be investigated and resolved by a designated committee no later than five (5) working days from the day that the challenge is filed. If the designated committee fails to resolve the challenge in five (5) days, the student will be permitted to enroll in the course. If no space is available, and the challenge is upheld, the student will be permitted to enroll for the course in the subsequent term.

# College Policies, Rules, & Regulations



## College Policies, Rules, & Regulations

This section of the SMC catalog offers a summary overview of selected Santa Monica College policies, rules, regulations, and related procedures. Information was current when this edition of the catalog was published. Santa Monica Community College District administration reserves the right to add, amend, or repeal any of its policies, rules, regulations, and procedures at any time. The information provided in this section is subject to change without notice. Please see the District's Administrative Regulations at [smc.edu/AdminRegulations](http://smc.edu/AdminRegulations) for additional details, as well as information on topics not covered in this or other sections of the catalog.

## Student Right-to-Know Statement

To comply with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542)—also known as the Jean Clery Disclosure Act—Santa Monica College makes available the completion and transfer rates of first-time, full-time students seeking certificates, degrees, or transfer, as well as statistical information about the types and number of crimes committed on SMC's main and satellite campuses. The College provides this data to inform all current and prospective students—as “consumers” of higher education—on how well Santa Monica College compares with other postsecondary institutions.

### COMPLETION & TRANSFER RATES

Santa Monica College is Number One in transferring students to University of California (UC) campuses (including UCLA), the California State University (CSU) system, the University of Southern California (USC), Loyola Marymount University (LMU), and a variety of other top-ranked colleges and universities across the nation.

The completion and transfer rates presented here are derived from the most current data available at the time this catalog went to press. Completion rates are calculated by tracking a cohort (group) of first-time students seeking a certificate, degree, or transfer. For the cohort of first-time freshmen entering SMC in Fall 2012, 28.61% earned a certificate or degree, transferred to a four-year institution, and/or became transfer-prepared (earned 60 or more transferable units with a GPA of 2.0 or higher) within three years of beginning coursework at SMC.

Transfer rates are calculated by tracking a cohort (group) of first-time students intending to transfer to a four-year institution. For the cohort of first-time freshmen entering SMC in Fall 2012, 16.85% transferred to a four-year institution within three years of beginning coursework at SMC.

### CRIME STATISTICS FOR THE COLLEGE COMMUNITY

Campus crime statistics are compiled and reported according to the guidelines specified in the Clery Act (20 USC 1092F), as defined under the FBI Uniform Crime Reporting

procedures. SMC's crime statistics are available online at the US Department of Education website ([ope.ed.gov/security](http://ope.ed.gov/security)) and at the SMC Campus Police website ([smc.edu/police](http://smc.edu/police)). Campus crime statistics—along with safety and crime prevention information—can also be found at many locations at SMC, and are available to the public upon request. Contact the SMC Campus Police Office (434-4608) for details.

## Books & Materials

The Federal Higher Education Opportunity Act (HEOA) requires Santa Monica College to provide students with the International Standard Book Number (ISBN), retail price, and/or other information (subject to change) about the required or recommended textbooks and supplemental materials for each course offered at SMC. Please go to [bookstore.smc.edu](http://bookstore.smc.edu) and click on “Textbooks” for details. For other book-related information—including dates for book buybacks—please visit the SMC Bookstore website ([bookstore.smc.edu](http://bookstore.smc.edu)).

## Federal Tax Credit

Selected education expenses may be deducted from federal income taxes by qualifying students. As required by federal tax credit legislation, Santa Monica College will mail each registered student a copy of IRS verification form 1098T (Tuition Statement) each year. This information is also reported to the IRS. Students should be sure to have their correct Social Security number on file in the Admissions Office for the sake of accurate reporting to the IRS. Students should check with their tax preparer to determine whether they are eligible to take advantage of this tax credit and the amount they may deduct from their federal and/or state taxes.

## College Conduct

Santa Monica College has an Honor Code, Code of Academic Conduct, and Rules for Student Conduct, and may discipline students in accordance with code provisions. The College also has the authority to remove students from a class or program if they are disruptive of the instructional process, they do not respect the rights of others, they cannot benefit from instruction, or they present health and/or safety hazards. To protect the interests of both the College and its students, SMC has an established “due process” through which its disciplinary and removal powers are exercised. As a further safeguard of student rights, an appeal procedure exists for these policies, as well as for appeals of grades, matriculation, and disqualification. The appropriate Appeals Committee will hear student appeals.

### HONOR CODE/HONOR COUNCIL

Santa Monica College is committed to the academic, social, and ethical development of our students. We strive to create a learning environment that is challenging and supportive of the community at large. We are committed to upholding fundamental values of honesty, trust, fairness, respect, responsibility, civility, and community.



The College has instituted an Honor Code that students are expected to uphold, and has established an Honor Council responsible for promoting, addressing, and resolving issues pertaining to academic integrity.

General principles that guide the Honor Code and Honor Council include the following:

- **Honesty:** means fairness and straightforwardness of conduct, and implies a refusal to lie, steal, or deceive in any way;
- **Integrity:** implies that one is true to a trust and adheres to a code of moral values;
- **Social Responsibility:** demonstrated by adherence to policies of the institution, departments, labs, libraries, and individual classes; and
- **Respect and Civility:** implies that one will conduct oneself in a courteous and respectful manner in communications and actions toward members of the campus community.

All students are expected to uphold the Honor Code as testament to their commitment and readiness to join the Santa Monica College academic community. At the time students enroll, they are expected to certify the following statement:

*In the pursuit of the high ideals and rigorous standards of academic life, I commit myself to respect and uphold the Santa Monica College Honor Code, Code of Academic Conduct, and Student Conduct Code. I will conduct myself honorably as a responsible member of the SMC community in all endeavors I pursue.*

A complete copy of the text for the “Honor Code/Honor Council” (SMC AR 4412)—which spells out the details of the Honor Code and the structure and responsibilities of the Honor Council—is available online (see [smc.edu/AdminRegulations](http://smc.edu/AdminRegulations)).

## ACADEMIC CONDUCT

### Code of Academic Conduct

Santa Monica College is a community-oriented, open-door educational institution whose purpose is to educate and enlighten members of the community who seek knowledge. In order to uphold the academic integrity of the institution, all members of the academic community—students and faculty alike—must assume responsibility for providing an educational environment of the highest standards, characterized by a spirit of academic honesty.

**Under no circumstances will academic dishonesty be tolerated at Santa Monica College.**

### Academic Dishonesty Defined

Santa Monica College defines academic dishonesty as the act of or assistance in deceiving, including fraud or deception in any academic exercise. Academic dishonesty includes, but is not limited to, certain actions not authorized by the instructor or testing officer, such as:

1. Using notes or testing aids such as calculators, tape recorders, or other electronic devices during any examination;

2. Allowing another individual to assume one’s identity for the purpose of enhancing one’s grade in any of the following: testing, field trips, or attendance;
3. Falsifying or attempting to falsify grade and/or attendance records;
4. Representing the words, ideas, or work of another (including materials from commercial term paper companies) as one’s own (plagiarism) in any academic exercise;
5. Changing answers on a previously scored test, assignment, or experiment, with the intent to defraud;
6. Copying or allowing another student to copy from one’s paper or answer sheet during an examination or for a graded assignment;
7. Inventing information for the purpose of completing a laboratory experiment, case study analysis, or field trip with the intent to defraud;
8. Giving and/or taking information during an examination by any means, including sign language, hand signals, secret codes, or electronic transmission; and
9. Accessing or reproducing exams in any form, without the prior authorization of the instructor, for the purpose of sharing, selling, or publishing them.

### Consequences for Violating Academic Conduct

If a violation of academic honesty occurs, any or all of the following actions may be imposed:

1. The instructor may assign a failing grade to an examination or assignment in which cheating or plagiarism occurred;
2. In more serious instances, the instructor may refer the student to appear before the Honor Board;
3. The instructor may dismiss the student from the class or activity in progress for up to two class sessions; and/or
4. In more severe incidents of academic dishonesty—including, but not limited to, impersonation, stealing exams or research papers, or repeated violations of academic honesty—the College Disciplinarian may suspend the student or recommend expulsion of the student from the College.

### Student Responsibilities

In order to maintain an environment of academic integrity, students at Santa Monica College are expected to:

1. Conduct themselves in a manner that encourages learning and upholds academic integrity; and
2. Act with fairness toward other students, which includes not seeking an unfair or undue advantage over other students in the classroom or when completing an assignment, taking an examination, or engaging in any other kind of academic activity; and
3. Make every attempt to prevent any unauthorized access to or use of their work by other students in the classroom, for an assignment, in an examination,



or when engaging in any other kind of academic activity.

### Faculty Responsibilities

In order to maintain an environment of academic integrity, members of the faculty at Santa Monica College are expected to:

1. Make every attempt to conduct their classes in a manner that encourages honorable behavior and learning, supports student success, and discourages academic dishonesty;
2. Inform students of course requirements, grading procedures, and expectations for acceptable academic conduct and behavior;
3. Inform students of the College's Code of Academic Conduct and the consequences and disciplinary action(s) that will be implemented if any behavior counter to the Code of Academic Conduct occurs;
4. Inform students of their right to due process should they wish to contest an allegation of cheating or engaging in any other form of academic dishonesty; and
5. Ensure that the appropriate process for reporting a violation of the Code of Academic Conduct is followed.

### Reporting a Violation

If an incident of academic dishonesty occurs, a faculty member should adhere to the following procedures:

1. Inform the student of the nature of the violation and the impending course of action; and
2. Complete and submit the Academic Dishonesty Report Form, along with any related evidence, the first copy of the form to the College Disciplinarian within ten (10) working days of the allegation. The College Disciplinarian will, in turn, notify the student, the College Ombudsperson, and the appropriate Department Chair, and place a copy in the student's disciplinary records as defined in the Code of Academic Conduct Appeal Procedures. This information will remain a part of the student's records for two years, provided there are no further acts of misconduct on the part of the student.

### Appeal Procedure

If a violation of academic honesty is alleged to have occurred, a Santa Monica College student has the right to appeal the action taken by the faculty member through the appeal procedures established by the College. For details, please see the Student Complaints, Hearings, & Appeals section of this catalog.

## STUDENT CONDUCT

### Student Conduct Code

All students at Santa Monica College have an obligation to conduct themselves in a manner compatible with the College's function as an educational institution. A complete copy of the "Rules for Student Conduct" (SMC AR 4410) is available online (go to [smc.edu/AR4000StudentServices](http://smc.edu/AR4000StudentServices)).

Some examples of offenses and misconduct that are considered "good cause" for imposing disciplinary sanctions on a student are:

1. Continued disruptive behavior, continued willful disobedience, habitual profanity or vulgarity, the open and persistent defiance of the authority of College personnel, or persistent abuse of College personnel;
2. Assault, battery, or any threat of force or violence upon anyone on the College campus;;
3. Sexual assault, defined as actual or attempted sexual contact with another person without that person's consent, regardless of the victim's affiliation with the College, including, but not limited to, any of the following:
  - (1) Intentional touching of another person's intimate parts without that person's consent, or other intentional sexual contact with another person without that person's consent;
  - (2) Coercing, forcing, or attempting to coerce or force a person to touch another person's intimate parts without that person's consent;
  - (3) Rape, which includes penetration, no matter how slight, without the person's consent, of either of the following: (a) the vagina or anus of a person by any body part of another person or by an object, or (b) the mouth of a person by a sex organ of another person;
4. Sexual exploitation, defined as a person taking sexual advantage of another person for the benefit of anyone other than that person without that person's consent, regardless of the victim's affiliation with the College, including, but not limited to, any of the following:
  - (1) Prostituting another person;
  - (2) Recording images, including video or photograph, or audio of another person's sexual activity, intimate body parts, or nakedness without that person's consent;
  - (3) Distributing images, including video or photograph, or audio of another person's sexual activity, intimate body parts, or nakedness, if the individual distributing the images or audio knows or should have known that the person depicted in the images or audio did not consent to the disclosure and objected to the disclosure;
  - (4) Viewing another person's sexual activity, intimate body parts, or nakedness in a place where that person would have a reasonable expectation of privacy, without that person's consent, and for the purpose of arousing or gratifying sexual desire;
5. Willful misconduct that results in the injury or death of a student or College personnel or visitors, or which results in cutting, defacing, or other injury to any real or personal property owned by the District;
6. Theft or willful misconduct that results in cutting, defacing, or other injury or damage to property of the College or a member of the College community or a campus visitor;

7. Willful or blatant misuse of e-mail or other inappropriate forms of communication to faculty, staff, or students, including communication by written notes, phone, voicemail, or any form of electronic communication;
8. Possession, use, sale, or being under the influence of any controlled substance or any poison classified as such by Schedule D in section 4160 of the California Business and Professions Code;
9. Smoking in any area where smoking has been prohibited by law or by regulation of the Board of Trustees;
10. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct;
11. Dishonesty of any kind, including academic dishonesty;
12. Forgery, alteration, or misuse of College documents, records, or identification;
13. Obstruction or disruption of any teaching, research, administration, disciplinary procedures, or other College activities, including, but not limited to, community events or other authorized activities on College premises;
14. Unauthorized entry to or use of College facilities, supplies, and/or equipment;
15. Violation of College policies or of campus regulations, including, but not limited to, campus regulations concerning student organizations; the use of College facilities; the time, place, and manner of public expression; library procedures; College bills and debts; or residence;
16. Disorderly conduct or lewd, indecent, or obscene conduct or expression on property owned or controlled by the College or at activities or events sponsored or supervised by the College;
17. Failure to comply with directions from College officials performing their duties;
18. Possession or use of alcoholic beverages on campus property or at any College-sponsored event, or presence on campus or at any College-sponsored event while under the influence of alcohol;
19. Illegal possession or use of firearms, explosives, dangerous chemicals, or other weapons on College property or at College-sponsored activities or events;
20. Stalking, hate crimes, or hate incidents; and
21. Except as authorized by the College, the sale, purchase, exchange, distribution, or receipt of add codes, class seats, and academic work (lab reports, term papers, exams, extra credit, etc.), including, but not limited to, misconduct described in AR 4411 (Code of Academic Conduct) and AR 4435 (Responsible Use of Computer Resources); and
22. Any other offense set forth in the California Education Code that constitutes "good cause."

With the exception of response to conduct specified in provisions 3 and 4 above, no student shall be removed, suspended, or expelled from SMC unless the conduct for

which the student is disciplined is related to College activity or attendance.

### Smoke Free Campus

Santa Monica College is committed to providing its students, faculty, and staff with a healthy, comfortable, productive environment that is free from the effects of second-hand smoke. SMC became a smoke-free campus in Fall 2007, following the example of many colleges, universities, and other public institutions throughout the US. Smoking—including the use of e-cigarettes or vaporizers—is not be permitted in any District building, vehicle, or facility, or on District grounds, with the exception of designated outdoor areas on the periphery of all campuses. These are temporarily designated as smoking areas, as a way for the College to transition into becoming entirely smoke free.

### Alcohol & Drugs

The abuse of alcohol or other drugs causes serious risks to a person's health.

California State law prohibits the use, sale, or possession on campus of alcohol, or presence on campus of students who are under the influence of any controlled substance. (Cal. Ed. Code §§76032-76033)

Students enrolling in the College assume an obligation to conduct themselves in a manner compatible with the College's function as an educational institution. Santa Monica College will impose disciplinary sanctions for the use, sale, or possession of alcohol or presence of any prohibited controlled substance. Disciplinary sanctions include, but are not limited to, verbal or written reprimands, disciplinary probation, removal from classes, ineligibility to participate in extracurricular activities, suspension, expulsion, and possible referral to local, state, or federal law enforcement agencies.

The Santa Monica College Health and Psychological Services Center provides short-term psychological counseling, referral, and substance abuse/alcohol abuse information.

### SEXUAL HARASSMENT & MISCONDUCT

Santa Monica College is committed to providing an educational community with an environment free of sexual harassment and other threatening behaviors. Sexual harassment—a form of discrimination against an individual on the basis of sex, gender, or sexual orientation—consists generally of unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature that is intended to be or has the effect of being coercive, or of creating an intimidating, hostile, or offensive environment.

**Under no circumstances will the College tolerate any form of sexual harassment or retaliation against any individual for filing a complaint of sexual harassment or for participating in a sexual harassment investigation.**

Sexual harassment and retaliation violate state and federal laws. In addition, sexual harassment is a violation of SMC's Board Policies, Administrative Regulations, and Student Conduct Code, and can lead to suspension or dismissal from the College.

A description of activities that constitute sexual harassment, the procedures for filing or appealing a sexual

harassment complaint, and a discussion of issues related to sexual harassment can be found in “Sexual Harassment Prevention” (SMC AR 3121), “Rules for Student Conduct” (SMC AR 4410), and the “Ethics Statement” (SMC AR 5220) adopted by the Academic Senate. See *smc.edu/AdminRegulations* for the District’s Administrative Regulations.

## Sexual Misconduct

Sexual misconduct comprises a broad range of unwelcome behaviors focused on sex and/or gender that may or may not be sexual in nature. Sexual misconduct encompasses sexual harassment, sexual assault, sexual exploitation, and gender-based harassment (harassment based on gender identity, gender expression, or non-conformity with gender stereotypes). Therefore, any intercourse or other intentional sexual touching or activity without the other person’s consent is sexual assault and is a form of sexual misconduct.

Sexual misconduct also encompasses acts of a sexual nature, including acts of sexual stalking, domestic violence, dating violence, intimidation, or retaliation following an incident where an alleged sexual misconduct has occurred.

Any sexual violence or physical abuse, as defined by California law, whether committed by an employee, student, or member of the public, occurring on college-owned or controlled property, at college-sponsored or supervised functions, or related to or arising from college attendance or activity is a violation of District policies and regulations, and is subject to all applicable punishment, including criminal and/or civil prosecution and employee or student discipline procedures.

If you have been a victim of sexual assault, sexual harassment, or sexual misconduct, you have options on how you’d like to proceed.

The most important factor is that you are safe and are not in imminent danger. If you believe you are in danger, please call 911.

### WHAT WOULD YOU LIKE TO DO?

#### Talk to Someone Confidentially

SMC Psychological Services..... (310) 434-4503  
 SMC Student Health Services ..... (310) 434-4262  
 SMC Ombuds Office..... (310) 434-3986  
 Santa Monica Rape Treatment Center ..... (310) 319-4000

#### Talk to Someone On-Campus

Title IX Coordinator, Sherri Lee- Lewis  
 ..... (310) 434-4415 or 4419  
 Title IX Deputy (Student Affairs),  
 Deyna Hearn..... (310) 434-4420

#### Talk to Someone Off-Campus

Santa Monica Rape Treatment Center ..... (310) 319-4000

#### File a Police Report

On Campus ..... (310) 434-4300  
 Off Campus..... 911

#### File a Report: The Incident Involved an SMC Student

Student Judicial Affairs..... (310) 434-4220

#### File a Report: The Incident Involved an SMC Employee

Human Resources..... (310) 434-4415 or 4419

#### Respondent: I’ve been Accused of Sexual Misconduct

Title IX Coordinator, Sherri Lee-Lewis

..... (310) 434-4415 or 4419  
 Student Judicial Affairs..... (310) 434-4220  
 Sexual Assault Response and Prevention ..... [smc.edu/SVPE](http://smc.edu/SVPE)

## Sexual Violence – Prevention and Education (AB 1088: Sexual Violence)

Section 67385 of the Education Code requires that community college districts adopt and implement procedures to ensure prompt response to victims of sexual violence which occur on campus as well as providing them with information regarding treatment options and services. No community can be totally risk-free in today’s society. However, by working together, students, faculty, staff, and visitors can all help to create an atmosphere which is as safe and crime free by reporting criminal behavior to:

- Santa Monica Police Department: 911
- Campus Police: (310) 434-4300
- Dean of Student Services: (310) 434-4655
- Psychological Services: (310) 434-4503
- Health Services Center: (310) 434-4262

Any sexual violence or physical abuse, as defined by California law—whether committed by an employee, student, or member of the public—occurring on College-owned or controlled property, at College-sponsored or supervised functions, or related to or arising from College attendance or activity is a violation of District policies and regulations, and is subject to all applicable punishment, including criminal and/or civil prosecution and employee or student discipline procedures. Please see the information available at [smc.edu/SVPE](http://smc.edu/SVPE) for additional details.

## Rape & Date Rape

Rape is forcible sexual activity without a person’s consent and against a person’s will. For the victim, rape is an emotionally and physically traumatic experience. Rape is a serious criminal offense, and accusations of rape can lead to possible referral to local, state, or federal law enforcement agencies. In addition, rape is a violation of SMC’s Student Conduct Code and can result in the perpetrator’s suspension or expulsion from the College.

## DISCIPLINARY SANCTIONS

Disciplinary sanctions at Santa Monica College include, but are not limited to, verbal or written reprimands, probation, a disciplinary hold, removal from class, ineligibility to participate in extracurricular activities, suspension, and expulsion. These are listed in order of severity, and repeated instances of lesser infractions may lead to a more severe disciplinary action. The College Disciplinarian is responsible for enforcement of these sanctions. If a written report is placed in a student’s disciplinary file, the student has the right to inspect and appeal the information as specified in California Education Code §76232. Disciplinary sanctions are described in detail in the “Rules for Student Conduct” (SMC AR 4410), posted online (go to [smc.edu/AR4000StudentServices](http://smc.edu/AR4000StudentServices)).

## Written Reprimand

A written reprimand issued by the College Disciplinarian serves to place a statement in a student’s disciplinary

records (not the student's academic records) that the student has not met the standards of conduct set forth above.

1. The student has an opportunity to write a response to the reprimand, and the response will be placed on record with the reprimand; and
2. With regard to written reprimands, there will be no hearing or appeal to the Student Conduct Appeals or Sexual Assault Committee.

### Disciplinary Probation

A student who fails to meet the standards of conduct may be placed on disciplinary probation by the College Disciplinarian. The student will be notified in writing that continued conduct of the type described in a "notice of disciplinary probation" will result in a more severe disciplinary sanction. The notice of disciplinary probation must include:

1. The period of time the student is to be on probation (this period may not exceed one year), and
2. The disciplinary sanction to be imposed.

A student has the right to pursue the Hearing and Appeal Process before disciplinary probation is imposed.

### Removal from Class

An instructor is authorized to remove a student from class for cause for the remainder of the class on the day of the removal and the next class meeting. The instructor will immediately report the removal to the College Disciplinarian. During the period of removal, a student will not be permitted to return to the class without the agreement of the instructor of the class. With regard to removal from class, there is no hearing or appeal to the Student Conduct Appeals Committee.

### Removal from Extracurricular Activities

The College Disciplinarian may remove a student from extracurricular activities for "good cause." The period of removal may not exceed one year. Sanctions may include:

1. Removal from office in all College organizations;
2. Ineligibility to participate in all College-sponsored activities, including public performances; and/or
3. Ineligibility to participate in College extracurricular activities.

Nothing in this policy, however, restricts the College Disciplinarian from imposing lesser sanctions.

A student has the right to pursue the Hearing and Appeal Process before removal from extracurricular activities is imposed.

### Suspension

The College Disciplinarian is authorized to suspend a student for "good cause." The suspension may be:

1. From one or more classes for a period of up to ten days of instruction;
2. From one or more classes for the remainder of the school term; or
3. From all classes and College activities for one or more terms.

If a student who is suspended is a minor, the College Disciplinarian will notify the student's parent or legal guardian of the suspension in writing.

### Expulsion

A student may be expelled by the Board of Trustees for "good cause." Expulsion is authorized when other means of correction fail to bring about proper conduct.

## Student Complaints, Hearings, & Appeals

To protect the interests of both the College and its students, Santa Monica College has an established "due process" through which its disciplinary and removal powers are exercised. As a further safeguard of student rights, an appeal procedure exists for these policies, as well as for appeals of grades, matriculation, and academic or progress disqualification.

### COLLEGE OMBUDSPERSON

Students with complaints, grievances, and personal concerns about Santa Monica College or any of its policies are encouraged to discuss them with the College Ombudsperson. The Ombudsperson provides support and encouragement to students, and attempts to present options and solutions. Complaints are handled with complete confidentiality on a case-by-case basis. *Students with complaints about a grade resulting from instructor mistake, bad faith, incompetence, or fraud must meet with the College Ombudsperson to attempt to resolve the grading dispute. Students are urged to meet with the Ombudsperson no later than October 15 for Spring semester grades, November 15 for Summer session grades, April 15 for Fall semester grades, and May 15 for Winter session grades.*

For further information, visit the Ombudsperson's webpage ([smc.edu/ombuds](http://smc.edu/ombuds)), send e-mail to [ombuds@smc.edu](mailto:ombuds@smc.edu), or call (310) 434-3986. The office of the Ombudsperson is located in Room 124 of the Letters and Science building. Office hours are posted on the door and available on the Ombudsperson's webpage. If the times are inconvenient, a special appointment can be arranged by leaving a voice-mail message or sending e-mail to the Ombudsperson.

### STUDENT JUDICIAL AFFAIRS

Santa Monica College students and faculty can turn to the Office of Student Judicial Affairs for due process in having problems solved, working out agreements, refuting false allegations, and resolving disputes fairly. The College Disciplinarian, counselors, and administrative support take a positive, comprehensive, and proactive approach to resolving problems, and provide a place for students and faculty to go for information and training in the areas of student conduct, academic honesty, behavior/anger management, and conflict resolution.

It is crucial for students to feel that their concerns are being addressed in a timely manner, before those concerns become disciplinary problems. It is just as crucial for members of the faculty to feel that they have support in dealing with extremely challenging and often disruptive students.



The Office of Student Judicial Affairs works to strike a balance between the College's community standards and individual behavior. When appropriate, the Office of Student Judicial Affairs provides referrals to other programs on the SMC campus.

The Office of Student Judicial Affairs interviews all parties named in police and referral reports. The College Disciplinarian—who has initial authority to suspend students for violations of the Student Conduct Code—conducts interviews, reviews all interview notes and information available, and makes final decisions regarding the outcome of disciplinary cases.

To find out more about the services and resources the Office of Student Judicial Affairs provides, see our website at [smc.edu/disciplinarian](http://smc.edu/disciplinarian) or call (310) 434-4220.

### MATRICULATION COMPLAINTS

Students may file formal written complaints about the matriculation process with the Vice President, Enrollment Development. The complaints will remain on file for at least three years after they have been resolved and are subject to review by the Chancellor's Office as part of the statewide evaluation required under California Code of Regulations Title 5 §55512.

### GRADE APPEALS

A student who wishes to appeal a grade must file a formal grade appeal petition *no later than* October 30 for Spring semester grades, November 30 for Summer session grades, April 30 for Fall semester grades, and May 30 for Winter session grades. However, students must meet with the College Ombudsperson at least 15 days before the deadline to discuss the grade appeal procedure and attempt to resolve the grade dispute informally.

According to State law, a formal grade appeal can only be pursued in cases where there has been instructor fraud, bad faith, incompetency, or a mistake. Before filing a formal grade appeal petition, a student must first discuss the situation with the College Ombudsperson. The Ombudsperson acts as a source of information, assistance, and referral; encourages informal conciliation between students and instructors; and seeks to resolve the grading dispute informally. The student bears the burden of proof. Instructors are expected to cooperate with the Ombudsperson.

After discussing a grade appeal with the College Ombudsperson, if there is no informal resolution satisfactory to the student and the student wishes to continue the appeal, the Ombudsperson will outline the procedure to be followed. The grade appeal petition must include a statement describing how the grade that was awarded was the result of instructor mistake, bad faith, incompetency, or fraud; no other reason is recognized. See [smc.edu/ombuds](http://smc.edu/ombuds) for further information.

To schedule an appointment with the Ombudsperson, please send email to [ombuds@smc.edu](mailto:ombuds@smc.edu) or call (310) 434-3986.

### APPEAL OF ACADEMIC & PROGRESS DISQUALIFICATION

Students who wish to be reinstated at Santa Monica College after being disqualified from attending the College because of substandard academic performance or unsatisfactory progress may make an appointment in the Transfer/Counseling Center to discuss their situation with a counselor, review the mitigating circumstances that may have led to their disqualification, determine whether reinstatement at SMC is possible, and find out about the steps they must take to be reinstated. For details on reinstatement procedures, see the Academic & Progress Probation & Disqualification Policies section of this catalog. To make an appointment to meet with a counselor, visit the Transfer/Counseling Center or call (310) 434-4210.

### ACADEMIC CONDUCT APPEALS

A Santa Monica College student who has been accused of violating the SMC Honor Code has the right to appeal the action taken by the faculty member through the appeal procedures established by the College. Once notified of the alleged violation, the accused student has ten (10) business days to appeal the action to the Honor Council.

The student will be provided the opportunity for a conference with the College Disciplinarian in an effort to resolve the issue informally. The Disciplinarian (or designee) may confer with the faculty member, and if necessary, the department chair (or designee).

If no resolution is reached after an informal conference, the student may proceed with a formal appeal to the Honor Council. The petition (and any supportive documentation) must be filed with the Office of Student Judicial Affairs (or designee).

All instances of alleged SMC Honor Code violations are subject to review by the SMC Honor Council (SMC AR 4412). For details on the procedure for disputing a grade—for alleged instructor mistake, bad faith, fraud, or incompetence—see "Grade Appeals Committee" (SMC AR 4313), which is posted online (go to [smc.edu/AR4000StudentServices](http://smc.edu/AR4000StudentServices)). Please note: The Grade Appeals Committee does not handle appeals pertaining to accusations of academic dishonesty.

### DISCIPLINARY HEARINGS & APPEALS

Before any disciplinary probation, removal from extracurricular activities or programs, or suspension is imposed on a student, the student has the right to pursue the Hearing and Appeal Process, unless an immediate suspension is required to protect lives or property, or to insure the maintenance of order pending a hearing. The Hearing and Appeal Process is described in detail in the "Rules for Student Conduct" (SMC AR 4410), posted online (go to [smc.edu/AR4000StudentServices](http://smc.edu/AR4000StudentServices)).

### PROGRAM REMOVAL APPEALS

Due process procedures exist to assist faculty and departments in removing a student from a program in which the student is unable to profit and/or a program in which the student's behavior is determined to be unsafe. In general, the overall process for determining whether a student meets the specific standards of a particular program may

include up to three levels of intervention: the instructor level, the program or department level, and the College level (joint administration-faculty committee).

Any student who wishes to appeal dismissal from a program may file the appeal with the Chair of the Program Standards Appeals Committee. The student will be able to present his or her case within ten (10) school days of filing. The committee hearings will be closed to the public.

### GENERAL SMC COMPLAINT PROCESS NOTICE

Listed below are resources available to persons who wish to file a complaint at SMC. If you have a complaint, please go to the website for the applicable resource below and follow the complaint processes of that area.

| RESOURCES                              | AREAS OF RESPONSIBILITY  | CONTACT INFORMATION                       |
|--|--|---|
| <b>Ombuds Office</b>                   | The Ombudsperson acts as a listening ear, conciliator, mediator, and resource for students with problems involving SMC faculty, administrators/managers, staff, and other issues. The Ombuds Office can maintain confidentiality if requested. Please contact the Ombuds Office regarding: <ul style="list-style-type: none"> <li>• Grade disputes.</li> <li>• Student complaints regarding faculty, administrators/managers, staff, or other issues at SMC.</li> <li>• Sexual harassment or violence.</li> </ul>  | smc.edu/ombuds<br>(310) 434-3986          |
| <b>Student Judicial Affairs Office</b> | The Student Judicial Affairs Office upholds the Student Conduct Code, the Academic Conduct Code, and the Honor Code to promote a safe learning environment at SMC. Please contact Student Judicial Affairs regarding: <ul style="list-style-type: none"> <li>• The student discipline process or student discipline issues.</li> </ul>   | smc.edu/judicialaffairs<br>(310) 434-4220 |
| <b>Admissions &amp; Records Office</b> | The Admissions & Records Office oversees matriculation-related processes, student records, and FERPA (the federal law mandating privacy of student information). Please contact the Admissions & Records Office regarding: <ul style="list-style-type: none"> <li>• Complaints about the matriculation process.</li> <li>• Complaints about student records or FERPA-related concerns.</li> <li>• Appeals concerning residency determination, loss of priority enrollment, petitions for special consideration.</li> <li>• Formal grade appeal petitions.</li> </ul> | smc.edu/admissions<br>(310) 434-4380      |
| <b>Office of Student Life</b>          | The Office of Student Life oversees matters related to student life on campus. Please contact the Office of Student Life regarding: <ul style="list-style-type: none"> <li>• Complaints about publicity materials posted around campus that are deemed offensive.</li> </ul>   | smc.edu/welcomecenter<br>(310) 434-8101   |
| <b>Campus Police Department</b>        | The SMC Campus Police Department provides law enforcement, crime prevention, investigation, security, and parking and traffic control services at SMC. Please contact Campus Police regarding: <ul style="list-style-type: none"> <li>• Complaints about crimes (including sexual violence). Also, Campus Police can provide assistance with situations involving safety and emergencies.</li> </ul>   | smc.edu/police<br>(310) 434-4300          |

| RESOURCES   | AREAS OF RESPONSIBILITY  | CONTACT INFORMATION   |
|---|--|---|
| <b>Office of Human Resources</b>  | The Office of Human Resources oversees H.R.-related policies and procedures at SMC. Please contact the Office of Human Resources regarding: <ul style="list-style-type: none"> <li>• Unlawful discrimination or harassment, including sexual harassment.</li> <li>• Complaints about violations of the District's policy regarding workplace/campus violence and anti-bullying.</li> <li>• Employee grievances under the District's collective bargaining agreements.</li> <li>• Complaints concerning District personnel.</li> <li>• For general assistance about complaints, information about where to file a complaint, and information about whistleblower complaints.</li> </ul> | smc.edu/humanresources<br>(310) 434-4415  |
| <b>Office of Risk Management</b>  | The Office of Risk Management oversees environmental compliance, occupational health and safety, and the District's insurance coverage for property, liability, and workers' compensation. Please contact the Office of Risk Management regarding: <ul style="list-style-type: none"> <li>• Work-related injuries.</li> <li>• Student injuries.</li> <li>• Claims against SMC regarding injury or damage to persons or personal property.</li> <li>• Non-crime-related safety concerns.</li> </ul>   | smc.edu/riskmanagement<br>(310) 434-4102  |
| <b>Confidential Reporting Hotline</b>   | Complaints can be made to confidentially to the Confidential Reporting Hotline. Please contact the Confidential Reporting Hotline regarding: <ul style="list-style-type: none"> <li>• Complaints about unethical, illegal, or unsafe situations at SMC.</li> </ul>   | reportlineweb.com/smc<br>(800) 566-8240   |
| <b>California Community Colleges Chancellor's Office</b><br>*Non-SMC agency   | The Chancellor's Office is the agency that oversees the community colleges in California. SMC employees, SMC students, and members of the public who wish to file unlawful discrimination and harassment complaints, including sexual harassment complaints, can do so directly with the Chancellor's Office.  | extranet.cccco.edu/Divisions/Legal/Discrimination.aspx<br>(916) 445-8752  |
| <b>Accrediting Commission for Community &amp; Junior Colleges (ACCJC)</b><br>*Non-SMC organization  | 5ACCJC is the agency that oversees SMC's accreditation. Complaints regarding SMC's compliance with academic program quality and accrediting standards can be filed with ACCJC.   | accjc.org/complaint-process   |
| <b>California State Auditor Whistleblower Hotline</b><br><br><b>California State Attorney General's Whistleblower Hotline</b><br><br><b>California State Personnel Board</b><br><br>*Non-SMC agency | Reports about suspected improper activities of employers or complaints of retaliation resulting from whistleblower activities may be reported to these state agencies.   | auditor.ca.gov/hotline<br>(800) 952-5665<br><br>oag.ca.gov/contact/whistleblower<br>(800) 952-5225<br><br>spb.ca.gov/whistleblower/<br>(916) 653-1403 |

## Student Privacy Rights

The Family Educational Rights and Privacy Act (FERPA) gives students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. California law requires that records be provided within 15 working days.

A student should submit to the Dean of Enrollment Services or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the College to amend a record should write the College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the College decides not to amend the record as requested, the College will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the College discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The College discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for College.

Upon request, the College also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

FERPA requires that the College, with certain exceptions, obtain your written consent prior to the disclosure of personally identifiable information from your education records. However, the College may disclose appropriately designated "directory information" without written consent, unless you have advised the College to the contrary in accordance with College procedures. The primary purpose of directory information is to allow the College to include this type of information from your education records in certain school publications. Examples include:

- A playbill, showing your role in a drama production;
- Honor roll or other recognition lists;
- Graduation programs; and
- Sports activity sheets, such as for wrestling, showing weight and height of team members.

Directory information, which is information that is generally not considered harmful or an invasion of privacy if released, can also be disclosed to outside organizations without your prior written consent. Outside organizations include, but are not limited to, companies that manufacture class rings or publish yearbooks. In addition, federal law requires the College to provide military recruiters, upon request, with certain directory information.

If you do not want College to disclose directory information from your education records without your prior written consent, you should file a written request with the Admissions Office.

**The College has designated the following information as directory information:** student name; city of residence; age; major field of study; participation in officially recognized activities and sports; weight and height of members of athletic teams; dates of attendance; student photograph; degrees and awards received and most recent previous school attended.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC 20202-5901

For a full explanation of FERPA and its implications for college students, please contact the Admissions Office.



## Campus & Community Safety

The Board of Trustees of the Santa Monica Community College District has established a “Community College Police Department”—known as the SMC Police Department, and generally referred to as Campus Police—to protect the members of the College community and the property of the District.

Santa Monica College is committed to providing a safe and secure campus environment for students, faculty, staff, and visitors. College facilities are regularly patrolled 24 hours a day, seven days a week, by members of the SMC Police Department. SMC students are employed to work as Police Aides and, during evening hours, to accompany students and staff who request an escort to and from on-campus facilities. Abundant lighting is provided at all Santa Monica College campuses and parking lots.

The College also employs parking enforcement officers with training specific to parking enforcement and emergencies. Parking enforcement officers are not Peace Officers.

If you spot anyone suspicious, call Campus Police at (310) 434-4300, (or dial ext. 4300 from campus phones), or use a campus emergency phone to seek help.

Santa Monica College works closely with local law enforcement agencies having dual jurisdiction for criminal matters. The College can request assistance for incidents that require resources not available to the SMC Police Department.

### SMC POLICE DEPARTMENT (CAMPUS POLICE)

Under the general direction of the Chief of Police, the SMC Police Department ensures that reasonable protection is provided to members of the College community and the property of the Santa Monica Community College District by using methods that fit within and contribute to the educational philosophy and process of the College.

The SMC Police Department and its officers comply with the selection and training requirements of California Penal Code §13522. Campus Police officers receive the same training as municipal police officers or county deputy sheriffs, and they have Peace Officer authority under California Penal Code §830.32a and California Education Code §72330.

The SMC Police Department receives reports for all incidents occurring on SMC campuses and is responsible for investigating all campus crime. For services the SMC Police Department provides, see the Campus Police listing in the Programs & Services section of this catalog, or visit the SMC Police Department website ([smc.edu/police](http://smc.edu/police)).

Campus Police would like to remind all students, faculty, staff, and visitors at Santa Monica College that—*no matter where you are*—common sense goes a long way in preventing the possibility of becoming a crime victim. The following safety tips should be kept in mind at all times:

### Protecting Your Personal Property

- Always secure your purse or backpack; never leave belongings unattended.
- Park in well-lighted areas away from shrubbery and other obstructions. Lock your vehicle, and take your keys with you. Make sure your car’s window vents are secure. Put valuables in the trunk or out of sight.
- Always have your keys ready before reaching your car. Before you enter your car, check the back seat. If you spot anyone suspicious, call Campus Police at (310) 434-4300, or use a campus emergency phone to seek help.
- To prevent car theft, consider using an ignition bypass switch or a steering wheel locking device. Car alarms are not recommended because they are often activated accidentally. If an unattended alarm goes off while your car is in a campus parking area, your car can be towed and impounded immediately. On the city streets, your car can be towed within 15 minutes. If your car is towed, you will have to pay a fee to reclaim it.

### Making Yourself Less Vulnerable

- Attackers prefer passive victims. Project a positive, assertive body language. Know where you are going, and walk confidently. Take a good look at people around you and passing alongside you. Be alert.
- At night, walk with a friend or in a group, or use the campus escort service. To request an escort, call Campus Police.
- Choose well-lighted, well-traveled streets and walkways. If followed, walk or run to a safe place. Avoid isolated and poorly lighted areas. If you must walk alone, be alert and aware of your surroundings. If you sense a dangerous situation, avoid it or leave it.
- Never hitchhike or accept a ride from a stranger. Never give a ride to a stranger or casual acquaintance. If you use a bus, sit near the driver. Know your schedule in advance. Use well-lighted and well-used bus stops.
- If you walk or bike regularly to campus, choose well-lighted and populated areas. Vary your routes so that you are not predictable. Be aware of businesses that are open and other potentially safe places.

### BICYCLES, MOTORCYCLES, MOPEDS, SKATEBOARDS, & SKATES

In the interests of campus security, safety, and noise control:

1. Bicycles, motorcycles, and mopeds must be parked in designated areas.
2. Bicycles parked outside the designated areas may not be parked in any area that would interfere with pedestrian safety, handicapped access, or the performance of duties by the College’s gardeners and/or custodians.

3. Bicycles, motorcycles, and mopeds may not be taken inside of buildings. Bicycles secured improperly are subject to impound by Campus Police.
4. Riding motorcycles, mopeds, and bicycles on pedestrian walkways is strictly prohibited.
5. The use of skateboards, roller skates, and roller blades is prohibited on campus.

# The College Community



## Administration & Chairs

### SENIOR ADMINISTRATION STAFF

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 and Administration  
 Teresita Rodriguez .... Vice-President, Enrollment Services  
 Dr. Georgia Lorenz..... Vice-President, Academic Affairs  
 Elaine Polachek ..... Interim Executive Vice-President  
 Michael Tuitasi ..... Vice-President, Student Affairs  
 Marcia Wade ..... Vice-President, Human Resources  
 Don Girard... Senior Director, Government Relations and  
 Institutional Communication  
 Katharine Muller..... Special Assistant to  
 Superintendent/President

### ACADEMIC ADMINISTRATORS

Eve Adler.. ..... Associate Dean, Health Sciences  
 Dr. Delores Akins-Raveling ..... Interim Associate Dean,  
 First Year Programs  
 Brenda Benson ..... Senior Administrative Dean,  
 Counseling & Retention  
 William Bloom..... Associate Dean, Financial Aid  
 Dr. Melanie Bocanegra ..... Director, STEM  
 Kelley Brayton ..... Dean, International Education  
 Patricia Burson ..... Interim Dean, Learning Resources  
 Dr. Dione Carter..... Dean, Non-Credit and External Programs  
 Edna Chavarry.. ..... Director,  
 Academic Affairs Initiatives  
 Frank Dawson..... Interim Dean, Career Education  
 Jane Deknatel... Interim Director, Performing Arts Center  
 Wendi DeMorst ..... Director, Supplemental  
 Instruction/Tutoring  
 Kiersten Elliott..... Dean, Academic and  
 Community Relations  
 Reggie Ellis ..... Director, Athletics  
 Susan Fila ..... Director, Health and Well-Being  
 Dr. Nancy Grass ..... Associate Dean, Student Life  
 Deyna Hearn..... Dean, Students  
 Mitchell Heskell..... Interim Dean, Education Enterprise  
 Maral Hyeler..... Interim Associate Dean,  
 Instructional Services and External Programs  
 Jaclyn Johnson..... Interim Assistant Director, Athletics  
 Michelle King ... Director, Career and Contract Education  
 Sasha King ..... Director, Business Development  
 Denise Kinsella.. Associate Dean, International Education  
 Dr. Hannah Lawler..... Dean, Institutional Research  
 Erica LeBlanc..... Dean, Academic Affairs  
 Sherri Lee-Lewis ..... Dean, Human Resources  
 Nicholas Mata..... Director, Special Programs  
 Dr. Jennifer Merlic ..... Dean, Instructional Services  
 Laurel McQuay-Peninger ..... Associate Dean, Grants  
 Elizabeth Moore..... Dean, Institutional Advancement,  
 SMC Foundation  
 Dr. Patricia Ramos..... Dean, Workforce Development  
 Linda Sullivan ..... Associate Dean, Facilities Programming  
 Dr. Esau Tovar ..... Dean, Enrollment Services  
 Deirdre Weaver ..... Director, Student and  
 Alumni Relations  
 Catherine Weir ..... Director, International Development  
 Julie Yarrish ..... Associate Dean, Online Services  
 and Support

### DEPARTMENT CHAIRS

Ronn Davis..... Art  
 Sal Veas..... Business  
 Dr. Maria Muñoz..... Communication and Media Studies  
 Howard Stahl..... Computer Science  
 and Information Systems  
 Deborah Perret..... Cosmetology  
 Laurie Guglielmo..... Counseling  
 Judith Douglas ..... Dance  
 Chris Fria ..... Design Technology  
 Dr. Eric Miinzenberg ..... Earth Sciences  
 Laura Manson..... Education/Early Childhood  
 Jason Beardsley ..... English  
 Janet Harclerode ..... ESL  
 Dr. Suzanne Borghei ..... History  
 Elaine Roque ..... Kinesiology/Athletics  
 Dr. Mary Colavito ..... Life Sciences  
 Mitra Moassessi ..... Mathematics  
 Dr. Toni Trives ..... Modern Languages and Cultures  
 Dr. Yulia Kozlova ..... Music  
 Ford Lowcock ..... Photography and Fashion  
 Dr. Jamey Anderson..... Physical Sciences  
 Dr. Alex Schwartz..... Psychology  
 Dr. Christine Schultz..... Social Science  
 Dr. Adrienne Harrop ..... Theatre Arts

### ACADEMIC SENATE 2015-2017

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 Fran Chandler..... Past-President

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Jeff Segal ..... President

### SANTA MONICA COLLEGE FOUNDATION 2017-2019

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 California Mesa College  
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- Parise, Wendy..... Early Childhood Education, Emeritus  
B.S., University of Maryland  
M.A., California State University, Dominguez Hills
- Penchansky, Judith S....Dean, Special Programs, Emeritus  
B.A., California State University, Northridge  
M.A., Loyola Marymount University
- Penrose, Hilda L.....Spanish, Emeritus  
A.B., University of California, Los Angeles  
M.A., University of Southern California
- Pesqueira, Dorothy Jeanne.....Cosmetology, Emeritus  
Teacher Training, University of California, Los  
Angeles
- Phillips, Anne G.....English, Emeritus  
B.A., Wilson College  
M.A., University of Chicago
- Phillips, David M.....Psychology, Emeritus  
B.A., M.S., Arizona State University  
M.S., Ph.D., University of Illinois
- Phillips, George L. ....Photography, Emeritus  
A.A., Santa Monica College
- Poole, Kenneth A. ....Sociology, Emeritus  
B.A., University of British Columbia, Canada  
M.A., University of California, Los Angeles  
Ph.D., University of Southern California
- Powers, James W.....Physical Education, Emeritus  
B.S., M.A., University of Southern California
- Preciado, Christina .....Sociology, Emeritus  
B.A., University of California, Riverside  
M.A., California State University, Fullerton
- Prestby, Anthony.....Director, Supplemental Instruction,  
Emeritus  
B.A., Bellevue University  
M.A., Argosy University  
Ph.D., California State University, Northridge
- Preston, Winifred C.....Nursing, Emeritus  
R.N., Mount St. Marys  
B.A., M.A., California State University, Los Angeles
- Quandt, Dorothy.....Parent Education, Emeritus  
B.A., University of California, Los Angeles  
M.A., University of Southern California
- Quevedo, Juan B. ....Spanish, Emeritus  
B.A., M.A., California State University, Fresno
- Rabinow-Palley, Lisette.....Counseling, Emeritus  
B.A., California State University, Northridge  
M.A., University of Southern California
- Randall, Toni .....ESL, Emeritus  
B.A., M.A., California State University, Fullerton  
M.A., University of California, Los Angeles
- Reaves, Muriel N. ....Counseling, Emeritus  
B.A., Fisk University, Tennessee  
M.S., University of Southern California  
Ph.D., Union Graduate School
- Reese, Richard D.....Physical Education, Emeritus  
B.A., M.A., California State University, Long Beach  
Ph.D., Stanford University
- Reukema, Russell R. ....English, Emeritus  
A.B., University of California, Berkeley
- Richards, Anna M. ....Physical Education, Emeritus  
B.A., University of California, Santa Barbara  
M.S., University of Southern California
- Richardson, Donald G. ....Music, Emeritus  
B.A., M.Ed., Ed.D., University of California, Los  
Angeles
- Robertson, Piedad F. Superintendent/President, Emeritus  
B.A., M.A., University of Miami, Florida  
Ed.D., Florida Atlantic University, Florida
- Robinson, Richard C. ....Geology, Emeritus  
B.S., San Jose State University  
M.S., University of Arizona
- Roche, Audrey S. ....Business, Emeritus  
B.S., M.B.A., University of California, Los Angeles

- Rodriguez, Nuria.....Physics, Emeritus  
B.S., M.S., University of California, Los Angeles
- Roney, Herbert E.....Vice President,  
Community Relations, Emeritus  
B.A., M.A., California State University, Los Angeles
- Rose, Guy..... Mathematics, Emeritus  
B.A., University of California, Los Angeles  
M.A., California State University, Northridge
- Rosenthal, Alvin N..... Construction Technology, Emeritus  
B.V.Ed., California State University, Los Angeles  
M.A., California State University, Northridge
- Rosentreter, Ella..... Counseling, Emeritus  
A.B., Bradley University, Illinois  
M.S., University of Illinois
- Rowe, Sandra .....Psychological Services, Emeritus  
B.A., M.A., California state University, Los Angeles  
Ph.D., California School of Professional Psychology
- Rubio, Robert ..... Counseling, Emeritus  
B.A., California State University, Los Angeles  
M.A., University of San Francisco  
M.A., E., California Lutheran College
- Russell, Richard L.....Psychology, Emeritus  
B.A., Occidental College, California  
M.A., University of Kansas  
Ph.D., McGill University, Canada
- Saint-Leon, Shirley K.Communication and Media Studies,  
Emeritus  
B.A., M.A., University of California, Los Angeles
- Sakai, Walter H..... Biology, Emeritus  
B.S., University of California, Davis  
M.A., University of California, Los Angeles
- Schapa, Michael ..... Business, Emeritus  
B.B.A., Bernard Baruch College, New York  
M.B.A., Golden Gate University, San Francisco
- Schlackman, Herbert L.....Dean, Technical Arts, Emeritus  
B.V.E., California State University, San Jose  
M.A., San Francisco State University  
Ed.D., Nova University, Florida
- Schleichkorn, Leonard ..... Counseling, Emeritus  
B.S., State University of New York  
M.S., Hofstra University, New York
- Schwartz, Judith G ..... Special Education, Emeritus  
B.A., University of California, Berkeley  
M.A., California State University, Los Angeles  
Ph.D., University of Southern California
- Seidman, Kathryn..... ESL, Emeritus  
B.A., Pitzer College  
M.A., School for International Training, Vermont
- Selby, William A. .... Geography, Emeritus  
B.A., California State University, Fullerton  
M.A., San Francisco State University
- Semere, Mario G. ....Art, Emeritus  
B.A., University of California, Los Angeles  
M.A., California State University, Dominguez Hills
- Shamey, Katherine L.....Philosophy, Emeritus  
A.B., M.A., University of California, Los Angeles
- Shapiro, Elisha ..... English, Emeritus  
B.A., Westminster College  
M.F.A., University of Southern California  
M.A., California State University, Los Angeles
- Sharp, Shirley I..... English, Emeritus  
B.A., M.A., University of California, Los Angeles
- Shibley, David R..... History, Emeritus  
B.A., University of Virginia  
M.A., Stanford University
- Shimizu, Jeffery..... Vice-President, Academic Affairs,  
Emeritus  
B.A., California State University, Los Angeles  
M.A., Loyola Marymount University
- Shishido, Lynette K.Business-Office Information Systems,  
Emeritus  
B.S., M.S., Minnesota State University, Mankato
- Simmons, Brenda ..... Counselor, Emeritus  
B.A., Western Connecticut State College  
M.A., University of Connecticut  
Ph.D., Claremont Graduate University
- Simpson, Lantz ..... English, Emeritus  
B.A. University of Oklahoma  
M.F.A. University of Oregon
- Singleton, Leon J..... Business, Emeritus  
A.B., Central State University  
M.A., Harvard University
- Shouse, Le Donna J.....Dean, Academic Affairs, Emeritus  
B.S., M.A., Iowa State University
- Sindell, Steven ..... Business Law, Emeritus  
B.A., University of California, Los Angeles  
J.D., Whittier College of Law
- Smith, Edward E.....Electricity, Emeritus  
Teacher Training, University of California, Los  
Angeles
- Smith, H. Wendell ..... English, Emeritus  
B.A., M.A., University of California, Los Angeles
- Smith, James E..... Music, Emeritus  
B.M., Oberlin College, Ohio  
M.M., Northwestern University, Illinois  
D.M.A., University of Southern California
- Smith, Rose Alice..... Music, Emeritus  
A.B., M.M., Mount St. Mary's, California
- Smith, Tommie C. .... Physical Education, Emeritus  
B.A., San Jose State College  
M.A., Goddard College, Vermont
- Spain, Edith ..... Early Childhood Education, Emeritus  
B.A., Indiana University  
M.S., Butler University
- Specht, Max C. .... Photography, Emeritus  
B.V.Ed., M.A., California State University, Los  
Angeles
- Steeber, Sharon J. .... English, Emeritus  
B.A., M.A., University of California, Los Angeles
- Stephanou, Mary Lynne..... Life Science, Emeritus  
B.S., M.S., University of California, Los Angeles
- Stevenson, Lyle G .....Automotive Technology, Emeritus  
B.A., California State University, Long Beach
- Stiles, Martin L.....Dean, Counseling and Matriculation,  
Emeritus  
B.A., M.A., University of California, Los Angeles  
M.S., California State University, Northridge
- Stramel, James.....Philosophy, Emeritus  
B.A., University of Kansas  
M.A., Ph.D., University of Southern California
- Strock, Selma S. .... Counseling, Emeritus  
B.A., University of California, Los Angeles  
M.S., California State University, Los Angeles
- Stromberg, Harvey L. .... History, Emeritus  
B.A., M.A., University of California, Los Angeles
- Svec, Muriel ....Department Chair, Life Sciences, Emeritus  
B.A., M.S., University of Wisconsin  
Ph.D., University of Illinois



- Taka, Gary J. .... Mathematics, Emeritus  
B.A., M.S., M.A.T., University of California, Los Angeles
- Takenaka, Salli ..... Mathematics, Emeritus  
B.S., West Coast Engineering University  
M.A., California Lutheran College
- Tarvyd, Edward S. .... Life Sciences  
A.B., M.A., University of California, Los Angeles
- Thayer, Leo O. .... Chairman, Automotive Technology,  
Emeritus  
Teacher Training, University of California,  
Los Angeles
- Theiss, Nina Louise ..... English, Emeritus  
B.S., M.A., Southern Illinois University
- Tholen, Beverly ..... Counseling, Emeritus  
B.A., California State University, Northridge  
M.A., California State University Los Angeles
- Thomas, Chris E. .... Political Science, Emeritus  
B.A., M.A., University of California, Los Angeles
- Toivonen, John E. .... Chemistry, Emeritus  
B.S., Massachusetts Institute of Technology  
Ph.D., University of California, Los Angeles
- Tomkinson, Bruce D. .... Art, Emeritus  
B.A., M.A., University of California, Los Angeles
- Travis, Denise A. ... Interior Architectural Design, Emeritus  
B.A., Holy Names College, California  
M.A., California State University, Los Angeles
- Trives, Nathaniel .... Executive Assistant to the President,  
Emeritus  
B.A., California State University, Los Angeles  
M.A., University of California, Los Angeles
- Tsang, Chui ..... Superintendent/President, Emeritus  
B.A., M.S., University of California, Berkeley  
Ph.D., Stanford University
- Tucker, Joy ..... Business, Emeritus  
B.A., University of California, Los Angeles  
M.B.A., University of Southern California
- Tuit, Rhoda T. Harrison ..... Music, Emeritus  
B.A., San Diego State University  
M.M., University of Southern California
- Turner, J. Frank ..... Music, Emeritus  
B.A., University of California, Los Angeles  
M.A., California State University, Los Angeles
- Turner, Maxine S. .... Home Economics, Emeritus  
Teacher Training, University of California, Los Angeles
- Urmston, William J. .... Art, Emeritus  
B.A., M.F.A., University of California, Los Angeles
- Vance, Elizabeth E. .... Sociology, Emeritus  
B.A., Woodbury College  
B.A., M.A., California State University, Long Beach
- Vasquez, Albert ..... Dean, Campus Security,  
Student Health & Safety, Emeritus  
B.S., California State University, Los Angeles  
M.A., Chapman University  
Ed.D., University of Southern California
- Vaughn, Catherine L. .... Cosmetology, Emeritus  
A.A., San Joaquin Delta College  
B.A., Sacramento State University
- Verdugo, John ..... Automotive Technology, Emeritus  
Technical Training, Los Angeles Trade Technical  
Teacher Training, University of California, Los Angeles  
B.V.E., California State University, Los Angeles
- Verge, Arthur C. .... Registrar, Emeritus  
B.A., St. Mary's College, Moraga  
M.A., Loyola Marymount University, Los Angeles  
Ed.D., Oregon State University
- Vidal, Ralph T. .... Physical Education, Emeritus  
B.S., University of California, Los Angeles  
M.A., Azusa Pacific University
- Vlach, Florence J. .... Journalism, Emeritus  
B.J., University of Missouri  
M.Ed., University of California, Los Angeles
- Wakefield, S. Sanford ..... Art, Emeritus  
B.F.A., University of California, Los Angeles  
M.A., California State University, Long Beach
- Wall, Phil M. .... Welding, Emeritus  
B.S., California Polytechnic State University, San Louis Obispo
- Walters, Paul ..... Automotive Technology, Emeritus  
Dayton Technical Institute, Ohio  
University of California, Los Angeles
- Ward, Jeremy P. .... Department Chair, Life Sciences,  
Emeritus  
A.B., M.A., University of California, Los Angeles
- Ware, Robert ..... Photography, Emeritus  
B.A., University of California, Berkeley
- Watts, Joseph ..... English, Emeritus  
A.A., Mt. San Antonio College  
B.A., Biola University  
M.A., California State University, Fullerton
- Webster, Linda S. .... Counseling, Emeritus  
B.A., University of Iowa  
M.A., Loyola Marymount University, Los Angeles
- Weil, Mary J. .... Special Education, Emeritus  
B.A., M.A., Chapman College  
M.S., San Francisco State College
- Welch, Melvin A. .... Respiratory Therapy, Emeritus  
A.A., Santa Monica College, Respiratory Therapy  
B.S., California State University, Northridge  
M.P.H., California State University, Northridge  
Registered Respiratory Therapist
- West, Edna A. .... Merchandising, Business Education,  
Emeritus  
B.A., Santa Barbara State College  
M.A., Claremont College  
Ed.D., University of Southern California
- White, Richard J. .... Mathematics, Emeritus  
B.S., Muskingum College, Ohio  
M.S., University of Southern California
- Widdup, F. Vern ..... Tool and Die-Jewelry Engraving,  
Emeritus  
Teacher Training, University of California,  
Los Angeles
- Wilkinson, Robert J. .... Graphic Arts, Emeritus  
B.V.Ed, California State University, Los Angeles
- Wilson, W. Howard ..... Art, Emeritus  
B.S., University of California, Los Angeles
- Wilson, Robert M. .... History, Political Science, Emeritus  
A.B., Antioch College, Ohio  
M.A., University of California, Los Angeles
- Wilson, Virginia ..... Physical Education, Emeritus  
B.A., California State University, Long Beach  
M.A., California State University, Los Angeles
- Wohlgemuth, Richard W. .... Physics, Chemistry, Emeritus  
B.S., University of Southern California  
M.A., Loyola Marymount University, Los Angeles

Womack, Carol ..... Librarian  
 B.A., Syracuse University  
 M.L.S., University of California, Berkeley

Wong, Betty ..... Mathematics, Emeritus  
 B.A., University of the Pacific  
 M.S., M.A., University of Southern California

Wray, Jennette S. .... Cosmetology, Emeritus  
 Teacher Training, University of California, Los Angeles

Wright, Jack ..... Counseling, Emeritus  
 B.A., Ft. Hays Kansas State  
 M.S., Ft. Hays Kansas State

Wyman, Susan V. .... German, Spanish, Emeritus  
 A.B., University of California, Davis  
 M.A., University of California, Irvine

Wynkoop, Garrett A. .... History, Emeritus  
 A.B., Occidental College, California  
 M.A., Ph.D., University of Southern California

Young, Bruce C. .... Geography, Emeritus  
 B.A., M.A., Ph.D., University of California, Los Angeles

Zavitkovsky, Docia ..... Childhood Education,  
 Psychology, Emeritus  
 B.S., M.S., University of Southern California

Zimmerman, William ... Computer Applications, Emeritus  
 B.A., Illinois State University System  
 M.A., California State University

## Adjunct Faculty

### (Assigned for Spring as of June 2017)

Abate, Alula ..... Earth Science

Abatemarco, Anthony M. .... Emeritus Program

Abbani, Mohamad A. .... Physical Science

Abode Jr., Peter J. .... Design Technology

Abrams, Karl J. .... Physical Science

Achorn, John C. .... Emeritus Program

Acu Bulut, Bahar ..... Mathematics

Adams, Jaclyn J. .... English

Adams, Jeanne-Marie ..... Counseling

Adams, Lisa K. .... Emeritus Program

Adams, Ryan J. .... Counseling

Adelman, Alan ..... Communication & Media Studies

Aghabegian, Diana E. .... English

Aguair, Joshua A. .... Music

Ahmadpour, Alireza ..... Art

Aka, Daniel O. .... Mathematics

Akers, Patricia A. .... Emeritus Program

Albert, Gloria S. .... Emeritus Program

Alexander, Jillian S. .... Business

Alexopoulos, Theodore A. .... Design Technology

Allen, Anne Marie ..... Photography – Fashion

Allie, Sharon M. .... ESL

Almeda, John Paul L. .... CSIS

Alvarez, Brenda ..... Counseling

Alviso, Jesus R. .... Music

Amirian, Sharis ..... Counseling

Anderson, Dale Steven ..... Photography – Fashion

Anderson, Enoch ..... English

Andre, James M. .... Business

Andrews, Tamar D. .... Education/Early Childhood

Ankeny, Krista L. .... Athletics

Antoine, Ellen R. .... Philosophy/Social Science

Antonious, Mckale M. .... Mathematics

Anvari, Sam S. .... Design Technology

Anzelc, Lacey L. .... Theatre Arts

Arakelian, Arek ..... Business

Ardell, Jan B. .... Photography – Fashion

Argote, Carmen A. .... Art

Arias Young, Tersi ..... Earth Science

Arieff, Diane E. .... English

Arieli-Chai, Hagit ..... Modern Languages & Cultures

Arms, Emily D. .... English

Armstrong, Jemi I. .... Photography – Fashion

Arnold, Winston A. .... Business

Arutian, Carol L. .... Art

Ashleigh, Sarah B. .... ESL

Askarian, Sohail N. .... Mathematics

Assadi, Jilla ..... Cosmetology

Austin, Janice K. .... Earth Science

Axelrod, Lee ..... Counseling

Ayala, Genevieve A. .... Counseling

Aybay Owens, Seda ..... Dance

Babcock, Linda G. .... Business

Baccus, Carl C. .... Counseling

Backlar, Nair P. .... Education/Early Childhood

Baltar, Matthew J. .... Mathematics

Banks, Charles A. .... Health Sciences

Banks, Dray D. .... Counseling

Banuelos, Maibe ..... Counseling

Barnard, Eric ..... Counseling

Barron, Eric A. .... Kinesiology

Bartesaghi, Simone ..... Communication & Media Studies

Bartlett, Delland D. .... Physical Science

Baskauskas, Vytas A. .... Mathematics

Basurto, Daisy ..... Counseling

Bateman, Michael ..... Mathematics

Battaglia, Lisa J. .... Counseling

Baucus, Susan J. .... Modern Languages & Cultures

Bautista, Cynthia ..... Library

Bayssa, Beyene T. .... Mathematics

Beasley, Fletcher ..... Design Technology

Bell, Sharon L. .... English

Bellin, Edward H. .... Mathematics

Belloso, Sergio A. .... Counseling

Benditson, Aaron ..... Athletics

Bennet, Sage E. .... Philosophy/Social Science

Bennett, Johanna L. .... Kinesiology

Benson, Jesse K. .... Emeritus Program

Berger, Raqota T. .... Psychology

Bergman, James F. .... Music

Bergstrom, Lori M. .... Communication & Media Studies

Bermudez Jr., Noel A. .. Communication & Media Studies

Bertell, Meghan Rose ..... Kinesiology

Bertrand, Ornella ..... Earth Science

Besler, Ian H. .... Design Technology

Bezrati, Sumaya ..... Modern Languages & Cultures

Birnbaum, Michael J. ... Communication & Media Studies

Bisch, Patricia L. .... Counseling

Blair, Lauren E. .... Theatre Arts

Bojkov, Alexander ..... Mathematics

Bolelli, Daniele ..... History

Bolus, Michael P. .... Communication & Media Studies

Bonar, Hugh S. .... English

Bonilla, Vanessa ..... Counseling

Bordenkircher, Eric ..... Philosophy/Social Science

Boretz, Marianne S. .... English

Borgardt, Marianne L. .... ESL

Bostick, Jason D. .... English

|                               |                               |
|-------------------------------|-------------------------------|
| Bostwick, Lois H.....         | ESL                           |
| Boyd, Porsha A.....           | Counseling                    |
| Bregman, Marcy A.....         | Health Sciences               |
| Bresloff, Jeffrey L.....      | Mathematics                   |
| Brewington, Ronald H.....     | Communication & Media Studies |
| Briggs, Timothy H.....        | Photography – Fashion         |
| Brinkman, Charles R.....      | Counseling                    |
| Broady, Brianna L.....        | Communication & Media Studies |
| Bromberg, Terri L.....        | Art                           |
| Bronie, Barbara L.....        | Mathematics                   |
| Bronstein, Michael G.....     | ESL                           |
| Brown, Bruce C.....           | Philosophy/Social Science     |
| Brown, Maynard W.....         | Business                      |
| Brutsche, Jacquelyn.....      | Emeritus Program              |
| Bryant, William.....          | Emeritus Program              |
| Buckner, Kenneth D.....       | Emeritus Program              |
| Bullock, Jennifer A.....      | Athletics                     |
| Burak, Carl D.....            | English                       |
| Burchman, Jerrold H.....      | Art                           |
| Burkhart, Gerard J.....       | Communication & Media Studies |
| Byrne, David.....             | History                       |
| Caggiano, Susan E.....        | English                       |
| Calderon-Zaks, Michael A..... | Philosophy/Social Science     |
| Calzatti, Natasha.....        | Photography – Fashion         |
| Cameneti, Michael A.....      | Design Technology             |
| Campbell, Laura A.....        | English                       |
| Canada, Sue A.....            | CSIS                          |
| Candelaria, Candelyn.....     | Modern Languages & Cultures   |
| Canela, Marisela.....         | Counseling                    |
| Canellias, Laura M.....       | Dance                         |
| Captor, Roxanne.....          | Theatre Arts                  |
| Carballo, Pebble S.....       | Business                      |
| Cardenas, Nancy.....          | Counseling                    |
| Cardenas, Nancy.....          | Counseling                    |
| Cardenas, Troy P.....         | English                       |
| Carey, Romeo T.....           | Communication & Media Studies |
| Carlsten, Emily B.....        | Athletics                     |
| Carlucci, Michael A.....      | Communication & Media Studies |
| Carroll, Claudia A.....       | Counseling                    |
| Carson, Jennifer.....         | Physical Science              |
| Carter, Tanja D.....          | Philosophy/Social Science     |
| Carter, Terry M.....          | Music                         |
| Carter-Aaron, Lysandra J..... | Athletics                     |
| Carty, Brian.....             | Mathematics                   |
| Cascino, Natalia V.....       | Athletics                     |
| Casillas, Veronica.....       | Counseling                    |
| Cass, Kathy.....              | Emeritus Program              |
| Cassano, Vicente P.....       | Life Science                  |
| Castillo, Veronica J.....     | Counseling                    |
| Ceballos, Bernard A.....      | Dance                         |
| Ceballos, Brandon A.....      | Cosmetology                   |
| Chaban, Monica.....           | CSIS                          |
| Chambers, Christie.....       | Psychology                    |
| Chan, Hok Yan J.....          | Mathematics                   |
| Chan, Melissa.....            | Psychology                    |
| Chandler, Meghan M.....       | Art                           |
| Chang, Sarah X.....           | Counseling                    |
| Chapman, Karen R.....         | Music                         |
| Chapman, Susan P.....         | Modern Languages & Cultures   |
| Charles, Henrietta E.....     | Communication & Media Studies |
| Charles, Victoria H.....      | Earth Science                 |
| Chau, Evelyn.....             | Mathematics                   |
| Chavez, Elizabeth C.....      | Kinesiology                   |
| Cheesman, James M.....        | Music                         |
| Chekroun, Julie C.....        | Communication & Media Studies |
| Chen, Aimee H.....            | Communication & Media Studies |
| Chen, Diane J.....            | Health Services               |
| Cheng, Tanshee T.....         | Mathematics                   |
| Cheung, Kwun H.....           | Physical Science              |
| Chicas, Herbert K.....        | Communication & Media Studies |
| Chitgar, Michael H.....       | Mathematics                   |
| Cho, Michael.....             | Mathematics                   |
| Choi, Soojeong K.....         | Modern Languages & Cultures   |
| Chopp, Regina M.....          | Psychology                    |
| Christy, Alexandra.....       | ESL                           |
| Chung, Glen G.....            | Physical Science              |
| Chung, Jennifer.....          | Counseling                    |
| Clanton, Joshua A.....        | Life Science                  |
| Clark, Gerald B.....          | CSIS                          |
| Clausen, Andrew I.....        | Business                      |
| Clayborne, Dontraneil.....    | History                       |
| Cohen, Martin M.....          | Earth Science                 |
| Cohn-Schneider, Rachelle..... | Counseling                    |
| Cole, Brian M.....            | Modern Languages & Cultures   |
| Coleman, Darryl Kevin.....    | Communication & Media Studies |
| Colmer, Ian H.....            | English                       |
| Combs, Gerald E.....          | Business                      |
| Combs, Jordi B.....           | ESL                           |
| Comrie, Akiko K.....          | Modern Languages & Cultures   |
| Conley, Timothy.....          | Communication & Media Studies |
| Constantin, George N.....     | English                       |
| Cooke, Elna.....              | Photography – Fashion         |
| Cooper, Daniel J.....         | Counseling                    |
| Cooper, Marsha.....           | Emeritus Program              |
| Coplen, Joshua S.....         | Business                      |
| Corona, Gabriela C.....       | Counseling                    |
| Cortrite, Michael D.....      | Kinesiology                   |
| Courtney, Angela.....         | Life Science                  |
| Courto, Lisa.....             | Counseling                    |
| Covitt, Gary S.....           | Life Science                  |
| Cruz, Jaime S.....            | History                       |
| Cueva, Bert M.....            | Philosophy/Social Science     |
| Culberg, Leah.....            | ESL                           |
| Dabagh, Safaa M.....          | Mathematics                   |
| Dahlenburg, Tina.....         | Counseling                    |
| Dana, Mark.....               | Modern Languages & Cultures   |
| Daniel, Charles V.....        | Business                      |
| Daniels, Robin.....           | Communication & Media Studies |
| Dastin, Elizabeth R.....      | Art                           |
| Davis, Carol V.....           | English                       |
| Davis, James A.....           | Design Technology             |
| Davis, Kimberly S.....        | CSIS                          |
| Davis, Mia N.....             | Counseling                    |
| Davis, Shari L.....           | Philosophy/Social Science     |
| Davis-King, Donna T.....      | Psychology                    |
| Davison, Lynn L.....          | Psychology                    |
| De Caussin, Jennifer R.....   | Counseling                    |
| De Jong, Onno F.....          | Design Technology             |
| De La Garza, Mariana.....     | Counseling                    |
| De Villers, Linda C.....      | Psychology                    |
| Dean, Christopher R.....      | Mathematics                   |
| Dee, Douglas.....             | Emeritus Program              |
| Delia, Richard M.....         | CSIS                          |
| Dellapasqua, Laila C.....     | ESL                           |
| Demel, Vivika B.....          | Counseling                    |
| Demetro, Marcy M.....         | Counseling                    |
| Dempsey, Amy L.....           | English                       |
| Denizeau, Valentine.....      | History                       |
| Denman, John F.....           | Earth Science                 |
| Desai, Daven H.....           | English                       |

|                               |                               |
|-------------------------------|-------------------------------|
| Deuel, Erika M.....           | Disabl Stu Ctr                |
| Dhar, Gautam.....             | Physical Science              |
| Dicamillo, Nicholas.....      | Cosmetology                   |
| Dickinson, Lynn M.....        | Communication & Media Studies |
| Dishman, Wendy H. ....        | Philosophy/Social Science     |
| Dixon, Michael J.....         | English                       |
| Do, Minh H. ....              | Physical Science              |
| Dokos, Pericles.....          | Mathematics                   |
| Donon, Stephanie G.....       | Design Technology             |
| Dosti, Rose .....             | Emeritus Program              |
| Douglas Jr., Turhan B.....    | Athletics                     |
| Dowd, Tyffany Y. ....         | Counseling                    |
| Downs, James M.....           | Business                      |
| Druker, Stephen L. ....       | Psychology                    |
| Dumitriu, Elena .....         | Kinesiology                   |
| Dunphy, Barbara E. ....       | Design Technology             |
| Duran, Angelica .....         | English                       |
| Dutton, Douglas L.....        | Music                         |
| Dwyer, Francis (Frank) .....  | Emeritus Program              |
| Eastcott, Merrill B.....      | Kinesiology                   |
| Easton, Julie A. ....         | Noncredit Education           |
| Ebrahimi, Hossein Pasha.....  | Physical Science              |
| Ebrami, Linda .....           | Counseling                    |
| Edelmann, Catherine .....     | English                       |
| Edson, Melissa E. ....        | Counseling                    |
| Edwards, Scott.....           | Communication & Media Studies |
| El-Khoury, Naja R. ....       | CSIS                          |
| Elliott, William H.....       | Emeritus Program              |
| England, Andrew M.....        | Mathematics                   |
| Esfandyari, Shaghayegh .....  | Theatre Arts                  |
| Eskridge, Brian M.....        | Athletics                     |
| Esmaeili, Farrah A. ....      | Mathematics                   |
| Espinosa-Frech, Hanne A. .... | Emeritus Program              |
| Espinoza, Jacqueline N. ....  | Counseling                    |
| Estrada, Consuelo.....        | Counseling                    |
| Estrella, Donna J.....        | Health Sciences               |
| Evans, Jami R.....            | Counseling                    |
| Everett, Keith M.....         | Business                      |
| Evinyan, Zarik .....          | Mathematics                   |
| Falconer, Kelley L. ....      | Philosophy/Social Science     |
| Farivar, Djamshid .....       | Physical Science              |
| Farre-Torrents, Rosa.....     | Design Technology             |
| Farschman, Kurt V.....        | Communication & Media Studies |
| Feinberg, Louise H. ....      | Emeritus Program              |
| Felix, Felipe.....            | Cosmetology                   |
| Fennoy, Sheila L.....         | Life Science                  |
| Fetzer, Gail C.....           | Communication & Media Studies |
| Fickbohm, David J. ....       | Life Science                  |
| Fier, Blue.....               | Photography – Fashion         |
| Finch, Leland A.....          | Counseling                    |
| Fine, Robert F. ....          | Mathematics                   |
| Fink, Steven A.....           | Life Science                  |
| Finley, Susan F. ....         | Counseling                    |
| Fisher, Jeffrey .....         | Kinesiology                   |
| Fitzgerald, Ronald L.....     | Business                      |
| Flood, Stephen W.....         | Communication & Media Studies |
| Flores, Bonnie B.....         | Health Sciences               |
| Flores, Lisa L.....           | CSIS                          |
| Folland, Thomas F. ....       | Art                           |
| Foreman, Nancy J.....         | Mathematics                   |
| Fouser, David C.....          | History                       |
| Fox, Nicholas M. ....         | Communication & Media Studies |
| Fox Jr., Robert W.....        | Emeritus Program              |
| Frand, Lois .....             | Emeritus Program              |
| Freeman, Daniel .....         | Athletics                     |
| Friedman, Marvin H. ....      | Health Sciences               |
| Fry, Gregory P.....           | Mathematics                   |
| Fuchs, Carol A.....           | English                       |
| Fujii, Allison M.....         | Counseling                    |
| Galaraga, Estelita .....      | Health Sciences               |
| Gannen, Barbara .....         | Emeritus Program              |
| Garcia, Amanda K. ....        | Counseling                    |
| Garcia, Cristina J.....       | Counseling                    |
| Garcia, Mario S.....          | English                       |
| Garcia, Ricardo M.....        | History                       |
| Garcia, Veronica A. ....      | Counseling                    |
| Gardner, Alexander .....      | Modern Languages & Cultures   |
| Garnica, Alicia M.....        | English                       |
| Gausman, Jenna M.....         | Counseling                    |
| Gausman, Jenna M.....         | Counseling                    |
| Geddes Jr., James K.....      | CSIS                          |
| Gee, Marissa J.....           | Kinesiology                   |
| Gerds, Eric L.....            | Design Technology             |
| Gerl, Anneliese .....         | Modern Languages & Cultures   |
| Gharabighi, Anasheh ...       | Communication & Media Studies |
| Gheyntanchi, Elham .....      | Philosophy/Social Science     |
| Giggans, James H. ....        | Communication & Media Studies |
| Gildner, Barbara J. ....      | English                       |
| Gill, Anita M. ....           | ESL                           |
| Gittleson, Gia L.....         | Health Sciences               |
| Gizaw, Astatke .....          | Mathematics                   |
| Gliadkovskaya, E .....        | Music                         |
| Godawa, Kimberly S.....       | Health Sciences               |
| Goldenson, Richard M. ....    | Athletics                     |
| Goldstein, Martin M.....      | Communication & Media Studies |
| Gonzalez, Bernice M.....      | Counseling                    |
| Gonzalez, Gustavo .....       | Dance                         |
| Goode, S S.....               | English                       |
| Goodin, Mary L.....           | Emeritus Program              |
| Gordon, Gail R.....           | Music                         |
| Gordon, Jeffrey C.....        | Counseling                    |
| Gorgie, Frank J.....          | Philosophy/Social Science     |
| Gougis, Michael J.....        | Communication & Media Studies |
| Graham, Mark D.....           | Psychology                    |
| Graves, Lee P. ....           | Mathematics                   |
| Gray, Gary L.....             | Music                         |
| Grebler, Gillian .....        | Earth Science                 |
| Green, Leeta A. ....          | Mathematics                   |
| Greene, Stacey A.....         | Philosophy/Social Science     |
| Greenfield, Julie .....       | Counseling                    |
| Greenfield, Julie .....       | Counseling                    |
| Gregory, Christina M.....     | Photography – Fashion         |
| Gregory, Deborah K.....       | Design Technology             |
| Grippio, Alessandro .....     | Earth Science                 |
| Gromova, Irina M.....         | Mathematics                   |
| Guild, Laura A. ....          | Psychology                    |
| Gunn, Adrienne C. ....        | Education/Early Childhood     |
| Gunn, Karen S. ....           | Psychology                    |
| Gurrola, Deanna M.....        | Counseling                    |
| Gustin, Michael J.....        | English                       |
| Gutierrez, Cristina .....     | Outreach & Recruitment        |
| Gutierrez, Veronica M. ....   | Counseling                    |
| Hackeling, Joan .....         | Earth Science                 |
| Hackett, Cedric D. ....       | Counseling                    |
| Haig, Jeffrey D.....          | Business                      |
| Haig, Jeffrey .....           | Business                      |
| Halaka, Elean F.....          | Mathematics                   |
| Hall, Anthony J.....          | Physical Science              |
| Hall, Jenney M.....           | Earth Science                 |
| Hall, Joanne E.....           | English                       |



Hall, Rebecca S. .... Art  
Halliday-Robert, Catherine E. .... Business  
Hamada, Mik J. .... English  
Hana, Bridget T. .... CSIS  
Hancock, Matthew D. .... Mathematics  
Hansen, Natalie C. .... English  
Hanson, Maria P. .... Business  
Haradon, Catherine M. .... Earth Science  
Harandian, Reza. .... Mathematics  
Hardacredecerqu, Bahiyiyih L. .... ESL  
Harjuno, Thomas. .... Mathematics  
Harmon, James M. .... Music  
Harris, Jessica L. .... History  
Harrison, Adam B. .... Art  
Harrison, Tiamarie J. .... Education/Early Childhood  
Hartman, Martha. .... English  
Hartmann, Veronica. .... Counseling  
Harvey, Lynn. .... ESL  
Hashimoto, Yuria. .... Modern Languages & Cultures  
Hassman, Tupelo. .... English  
Hawk, Rasheeda. .... Life Science  
He, Fendi Y. .... Mathematics  
Heaton, Warren B. .... Design Technology  
Hecht, Stanley E. .... Mathematics  
Heller, Gloria R. .... English  
Hemmert, Sarah B. .... Communication & Media Studies  
Henderson, John M. .... Physical Science  
Hermosillo, Angelica M. .... Counseling  
Hernandez, Daniella M. .... Counseling  
Hernandez, Sandra E. .... Counseling  
Hernandez, Yunior O. .... Counseling  
Hero, Christopher J. .... Emeritus Program  
Herold, Mathematicsew J. .... Kinesiology  
Hertz, Uri L. .... English  
Hesser, Martina. .... Art  
Hetz, Matthew L. .... Emeritus Program  
Hill, Erin T. .... Communication & Media Studies  
Hill, Robin L. .... Design Technology  
Hioki, Todd. .... Education/Early Childhood  
Hludzik, Elizabeth A. .... Theatre Arts  
Ho, Jennifer. .... Kinesiology  
Holmes, Wendy J. .... ESL  
Holt, Drewry K. .... Music  
Holtzermann, Charlotte. .... Emeritus Program  
Hong, Iva T. .... ESL  
Horowitz, Rena S. .... ESL  
Horwitz, Jacquelyn T. .... Communication & Media Studies  
Houghton, Jacki L. .... Life Science  
Howard, Bonnie. .... Communication & Media Studies  
Howard, David B. .... Communication & Media Studies  
Hu, Jennifer R. .... Counseling  
Huang, Carrie Y. .... Mathematics  
Huffaker, Phildon. .... Philosophy/Social Science  
Huls, Jeffery J. .... Music  
Huls, Jon M. .... Earth Science  
Humphrey, Theodore F. .... English  
Huner, Karen A. .... Kinesiology  
Hunt, Susan E. .... Communication & Media Studies  
Hurd, Christopher M. .... Counseling  
Hussain, Waqas. .... Design Technology  
Ijames, Susan V. .... Cosmetology  
Ireland, Sean P. .... English  
Ishihara, Annie M. .... Disabl Stu Ctr  
Islas, Veronica I. .... Health Sciences  
Isner-Ball, Dominique R. .. Modern Languages & Cultures

Jackson, Antonya E. .... Counseling  
Jackson, Barry E. .... Design Technology  
Jackson, Linda R. .... Emeritus Program  
Jaeger, James E. .... Emeritus Program  
James, Mercedes L. .... Communication & Media Studies  
James, Nicole M. .... Art  
Janakos, Linda D. .... English  
Jayachandran, Sanjay. .... Life Science  
Jefferson, Sherece N. .... Counseling  
Jenkins, Jerome M. .... Athletics  
Jiang, Jian. .... Mathematics  
Jimenez, Miguel A. .... Physical Science  
Jimenez, Paul W. .... Counseling  
Jo, Christina J. .... ESL  
Joachim, Sharlene L. .... Education/Early Childhood  
Johnson, Destiny Melody A. .... Counseling  
Johnson, Donald J. .... English  
Johnson, Glenda. .... Counseling  
Johnson, Jana J. .... Life Science  
Johnson, Jay P. .... Emeritus Program  
Johnston, Sachi K. .... Modern Languages & Cultures  
Joller, Gian-Martin. .... Art  
Jordan, Angela N. .... Dance  
Jordan, Elizabeth A. .... Life Science  
Joshi, Kanak. .... Noncredit Education  
Jung, Doranne. .... Business  
Junius, Jermaine A. .... Communication & Media Studies  
Jupe, Erion. .... CSIS  
Kahn, Andrea B. .... ESL  
Kaimikaua-Green, Charmaine I. .... Communication & Media Studies  
Kalafer, Francine. .... Kinesiology  
Kamin, Gerald. .... Mathematics  
Kamler, Howard F. .... Philosophy/Social Science  
Kanesaka, Kirk K. .... Modern Languages & Cultures  
Kanjanapangka, Julie. .... Life Science  
Kaplan, Marc A. .... English  
Karaolis, Olivia. .... Education/Early Childhood  
Karimian, Narineh. .... Isc  
Karkafi, Robert H. .... Mathematics  
Karol-Crowther, Cathy I. .... Design Technology  
Karron, Robert. .... English  
Kato, Nina K. .... Modern Languages & Cultures  
Kauffman, Sara R. .... English  
Kaufman, Steven M. .... Philosophy/Social Science  
Kaviani, Kian. .... Mathematics  
Kay, Benjamin W. .... Life Science  
Kayzakian, Yvette. .... CSIS  
Kemitch, Francesca A. .... Modern Languages & Cultures  
Kemper, Dawna E. .... English  
Kennison, Rachel L. .... Counseling  
Kent, Max L. .... History  
Kepler, Jocelyne M. .... Cosmetology  
Kerze, Michael. .... History  
Keskinel, Meric. .... Philosophy/Social Science  
Keville, Thomas J. .... History  
Khachmanyar, Sofi. .... Photography – Fashion  
Khalil, Nathan. .... Business  
Khokha, Ellen W. .... Education/Early Childhood  
Kim, Eunhye. .... ESL  
Kim, Jee H. .... Design Technology  
Kim, John S. .... Design Technology  
Kim, Jong-Ho J. .... Mathematics  
Kim, Julie S. .... Business  
Kim, Jungeun. .... Music

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|-----------------------------------|-------------------------------|
| Kim, Michael S.....               | Business                      |
| Kim, Sungjin.....                 | Mathematics                   |
| Kinjo, Hiromi.....                | Modern Languages & Cultures   |
| Kitazono, Yuka.....               | Modern Languages & Cultures   |
| Klautky, Ewald K.....             | Design Technology             |
| Klugman, Ellen B.....             | Business                      |
| Knight, Ridgway B.....            | Business                      |
| Ko, Hyunjin.....                  | Physical Science              |
| Kocharian, Armen.....             | Physical Science              |
| Kokovena, Esinam A.....           | Modern Languages & Cultures   |
| Kolko, Susan R.....               | Photography – Fashion         |
| Kompanyets, Marc.....             | Art                           |
| Kranz, Jack.....                  | Earth Science                 |
| Kronsberg, Graeme J.....          | Emeritus Program              |
| Kubo, Madeline S.....             | Modern Languages & Cultures   |
| Kumuryan, Arpi.....               | Counseling                    |
| Kunimoto, Trisha A.....           | ESL                           |
| Kurtz, Keith A.....               | CSIS                          |
| Kurvink, Steven.....              | Philosophy/Social Science     |
| Kwack, Jessica B.....             | Communication & Media Studies |
| Laffey, Sheila A.....             | Communication & Media Studies |
| Lai, I-Shen.....                  | Mathematics                   |
| Lake, Robin G.....                | Photography – Fashion         |
| Lam, Judy.....                    | Counseling                    |
| Lan, Hua.....                     | Mathematics                   |
| Lancaster, Molly A.....           | Psychology                    |
| Lashgari Rensel, Mahafarid.....   | Modern Languages & Cultures   |
| Laslett, William G.....           | Athletics                     |
| Laurent, Michael G.....           | Psychology                    |
| Le, Michelle K.....               | Life Science                  |
| Leeper, Laura E.....              | Art                           |
| Leddy, George.....                | Earth Science                 |
| Ledford, Thomas M.....            | Photography – Fashion         |
| Ledwith, Kelly F.....             | Kinesiology                   |
| Lee, Don U.....                   | Modern Languages & Cultures   |
| Lee, Kuen H.....                  | Mathematics                   |
| Lee, Lisa S.....                  | Mathematics                   |
| Lee, Oh Mee.....                  | Art                           |
| Leech, Marla R.....               | Communication & Media Studies |
| Legrande, Everett.....            | English                       |
| Lehman, Daniel N.....             | Library                       |
| Leiva, Clarissa Y.....            | CSIS                          |
| Lemon, Daryl R.....               | Kinesiology                   |
| Lemons, Bradley W.....            | Communication & Media Studies |
| Leon, Linda D.....                | Health Sciences               |
| Lerner, Nettie F.....             | Education/Early Childhood     |
| Lev, Natalya R.....               | Physical Science              |
| Leveque, Victoria F.....          | ESL                           |
| Levitt, Debra J.....              | ESL                           |
| Levy, Barrie.....                 | Kinesiology                   |
| Lewis, Benjamin J.....            | Modern Languages & Cultures   |
| Lewis, Kathlene.....              | Photography – Fashion         |
| Lewis, Myrna L.....               | Counseling                    |
| Liao, Guojiao.....                | Mathematics                   |
| Lieb, Jasmine B.....              | Emeritus Program              |
| Lim, Julie Y.....                 | Cosmetology                   |
| Liu, Christopher.....             | Physical Science              |
| Livanis, Lula.....                | English                       |
| Livshin, Bella S.....             | Kinesiology                   |
| Llaguno, Marco A.....             | Philosophy/Social Science     |
| Loeb, Tamra B.....                | Psychology                    |
| Longo, Joseph P.....              | English                       |
| Lorenzi, Paola.....               | Modern Languages & Cultures   |
| Louis, La Tanya N.....            | Photography – Fashion         |
| Lowe Jr., Lloyd D.....            | Photography – Fashion         |
| Lucero, Gabriel A.....            | Physical Science              |
| Lynch, John J.....                | English                       |
| Lynch, Skye H.....                | History                       |
| Ma, Nuttaphol Z.....              | Art                           |
| MacGillivray, Ian J.....          | Design Technology             |
| Mack, Rainer T.....               | Art                           |
| Magar, Christine.....             | Design Technology             |
| Magno, Hector R.....              | Design Technology             |
| Maier, Lisa S.....                | Business                      |
| Maiorano, Susan M.....            | Counseling                    |
| Majlessi, Abdolvahab.....         | Physical Science              |
| Majstorovic, Mina.....            | Art                           |
| Malakar, Subhash R.....           | Mathematics                   |
| Maltese, Adrienne M.....          | Health Sciences               |
| Mammarella, Candace J.....        | Art                           |
| Man, Sui.....                     | Mathematics                   |
| Mandelbaum, Amy B.....            | Business                      |
| Mangus, Edward P.....             | Photography – Fashion         |
| Manoff, Ricky J.....              | History                       |
| Manojlovic, Maja.....             | Communication & Media Studies |
| Manseau, Fred J.....              | Emeritus Program              |
| Mantabe, Patricia O.....          | CSIS                          |
| Marchand, Kenneth A.....          | CSIS                          |
| Mardirosian, Robert.....          | Mathematics                   |
| Mares, Samuel.....                | Business                      |
| Margolis, Daniel L.....           | Business                      |
| Margolis, Fern S.....             | Modern Languages & Cultures   |
| Marquez, Carlos R.....            | Welcome Center                |
| Marsh, Brandi D.....              | Counseling                    |
| Martin, Aric F.....               | Theatre Arts                  |
| Martin, Ben S.....                | Communication & Media Studies |
| Martin, Lana S.....               | Earth Science                 |
| Martin-Tungpala, Nolito K.....    | Counseling                    |
| Martinez, Denise M.....           | Counseling                    |
| Martinez, Esmeralda.....          | Counseling                    |
| Martinez, Hernan L.....           | Physical Science              |
| Martinez-Contre, Rosaura.....     | Counseling                    |
| Martinez-Gil, Cecilia.....        | English                       |
| Martorello, Janet M.....          | Emeritus Program              |
| Marx, Jeffrey A.....              | Emeritus Program              |
| Maschler, Katherine J.....        | CSIS                          |
| Masihi, Karineh M.....            | Design Technology             |
| Mathematicseson, Catherine C..... | Psychology                    |
| Matthews, Monique N.....          | Communication & Media Studies |
| Mattsson, Mikael F.....           | Theatre Arts                  |
| Mavromati, Anna C.....            | English                       |
| Maync, Tania M.....               | History                       |
| Mayorga, Arlyn.....               | Health Sciences               |
| Mazzara, Evemarie.....            | Design Technology             |
| McKeown, Kevin O.....             | Music                         |
| McBride, Kymberlyn R.....         | Counseling                    |
| McCarthy, Tara A.....             | Counseling                    |
| McClellan, Renee.....             | Communication & Media Studies |
| McCluskey, Thomas.....            | Business                      |
| McDonald, Karen E.....            | Dance                         |
| McDonald, Sean D.....             | Photography – Fashion         |
| McGee, Nicola.....                | Noncredit Education           |
| McIlrath, Patrick K.....          | Emeritus Program              |
| McLaughlin, Diane.....            | Life Science                  |
| McLemore, Elaine L.....           | Art                           |
| McMillen, Ryan.....               | History                       |
| McNamara, Catherine V.....        | Communication & Media Studies |
| Medvedev, Natasha.....            | Art                           |

|                                 |                               |
|---------------------------------|-------------------------------|
| Meeks, Christopher .....        | English                       |
| Meir, Natalie K. ....           | English                       |
| Mejia, Elizabeth R. ....        | Counseling                    |
| Mejia Leiva, Cesar N. ....      | Physical Science              |
| Meknuni, Mahrzad .....          | Mathematics                   |
| Melendez-Balles, Nancy... ..    | Modern Languages & Cultures   |
| Mendez Vega, Nancy .....        | Counseling                    |
| Mendoza, Barbara .....          | Art                           |
| Menendez Mata, Rocio J. ....    | Counseling                    |
| Menjivar, Michelle I. ....      | Communication & Media Studies |
| Meono, Lori T. ....             | Counseling                    |
| Mercer, Jaime E. ....           | Life Science                  |
| Metichecchia, Jackson H. ....   | Athletics                     |
| Meza, Kevin A. ....             | Counseling                    |
| Michel- Jackson, Raquel C. .... | Counseling                    |
| Michelson, Gregory S. ....      | CSIS                          |
| Mihaylovich, Kristin W. ....    | Art                           |
| Miller, Nicole A. ....          | English                       |
| Minokawa, Yuki .....            | Modern Languages & Cultures   |
| Miranda, Margaret L. ....       | Counseling                    |
| Missirian, Marcella L. ....     | Design Technology             |
| Mitchell, Robin .....           | Art                           |
| Miyano, Emiko .....             | Art                           |
| Miyoshi, Yosuke .....           | Emeritus Program              |
| Mizuki, April H. ....           | Modern Languages & Cultures   |
| Molnar, Cynthia A. ....         | Dance                         |
| Monge, Jacqueline V. ....       | Cosmetology                   |
| Monteiro, Natalina .....        | Philosophy/Social Science     |
| Moody, James M. ....            | Design Technology             |
| Moore, David W. ....            | Philosophy/Social Science     |
| Mora, Richard K. ....           | Music                         |
| Moreno, Diana R. ....           | Counseling                    |
| Morgan, David B. ....           | CSIS                          |
| Morris, Markell R. ....         | Counseling                    |
| Morton, Elaine D. ....          | Counseling                    |
| Moshiri, Shane S. ....          | Acad. Affairs                 |
| Mosich, Nick W. ....            | Kinesiology                   |
| Mosley, Keena R. ....           | Education/Early Childhood     |
| Moss, John L. ....              | Life Science                  |
| Moss, Juliet M. ....            | Art                           |
| Motoike, Kathleen J. ....       | English                       |
| Moulton, Steven A. ....         | Photography – Fashion         |
| Mousavi, Ali .....              | Art                           |
| Moy, Don N. ....                | Emeritus Program              |
| Mozafari, Lily .....            | Counseling                    |
| Mukai, Moena .....              | ESL                           |
| Munoz, Veronica P. ....         | Counseling                    |
| Murphy, Eugene M. ....          | English                       |
| Myers, Alannah M. ....          | Cosmetology                   |
| Myers, Albert D. ....           | Photography – Fashion         |
| Nagel, Janet G. ....            | Design Technology             |
| Nakasuji, Bonnie J. ....        | Emeritus Program              |
| Nalepa, Laura L. ....           | Business                      |
| Nardini, Afrodite S. ....       | Emeritus Program              |
| Ndoley, Mashidu N. ....         | Modern Languages & Cultures   |
| Nelson, Launa A. ....           | English                       |
| Nelson, Robert E. ....          | Life Science                  |
| Newbill, Ivano M. ....          | Athletics                     |
| Neyman, Ilya .....              | Earth Science                 |
| Nguyen, Thi H. ....             | Physical Science              |
| Nichols, Erin .....             | English                       |
| Nieves, Osbaldo .....           | Counseling                    |
| Nishiyama, Tara K. ....         | Counseling                    |
| Nolan-Coffman, Mary P. ....     | English                       |
| Noonan, Ian .....               | Design Technology             |
| Novak, Deborah S. ....          | Life Science                  |
| Nunez-Mason, Rebeca E. ....     | Counseling                    |
| Nunley, Rosalyn M. ....         | Cosmetology                   |
| Nweke, Tashume K. ....          | Counseling                    |
| O’Fallon, Danny R. ....         | Kinesiology                   |
| O’Hara, Dena M. ....            | English                       |
| O’Leary, Bernadette A. ....     | Psychology                    |
| O’Leary, Thomas F. ....         | Art                           |
| Oba, Ryan K. ....               | English                       |
| Obiamiwe, Ofunne D. ....        | Art                           |
| Ocampo, Cihli .....             | Dance                         |
| Ochoa, Mayra .....              | Library                       |
| Odom, Lucy H. ....              | Mathematics                   |
| Oliver, Gale A. ....            | Music                         |
| Oliveri, Joseph S. ....         | Business                      |
| Olsen, Bruce D. ....            | Life Science                  |
| Olson, Gene C. ....             | Psychology                    |
| Oneal, Kevin A. ....            | Music                         |
| Ortega, Gary R. ....            | Philosophy/Social Science     |
| Ortega, Jorge A. ....           | Mathematics                   |
| Ortiz, Stuart .....             | Counseling                    |
| Ortiz, Stuart .....             | Counseling                    |
| Ostorga, Debbie .....           | Counseling                    |
| Ota, Nathan T. ....             | Art                           |
| Overall, Stephen J. ....        | English                       |
| Owaka, Emmanuel A. ....         | Mathematics                   |
| Owens, Delores J. ....          | Mathematics                   |
| Owens, Yoshiko T. ....          | Modern Languages & Cultures   |
| Paccioretti, Thomas S. ....     | Business                      |
| Paik, Ranu .....                | Business                      |
| Paiola, Marcos F. ....          | CSIS                          |
| Pak, Mira .....                 | English                       |
| Papazyan, Arno .....            | Physical Science              |
| Parise, Wendy A. ....           | Education/Early Childhood     |
| Park, Jihyun .....              | Modern Languages & Cultures   |
| Parker, Juliana C. ....         | Counseling                    |
| Parnell, Dennis J. ....         | Music                         |
| Parodi Chocano, Daniela A. .... | Life Science                  |
| Patel, Anand .....              | Life Science                  |
| Patillo, Cassandra F. ....      | Counseling                    |
| Patrich, Jeremy G. ....         | Earth Science                 |
| Patugan, Rollence Y. ....       | Photography – Fashion         |
| Pemberton, Jennifer V. ....     | Psychology                    |
| Pena, Maria E. ....             | Counseling                    |
| Penafloida, Dinah D. ....       | Health Sciences               |
| Pennington, Angel R. ....       | Dance                         |
| Pepper, Evan D. ....            | Life Science                  |
| Perez, Jesus Z. ....            | Emeritus Program              |
| Perez, Rex E. ....              | Mathematics                   |
| Perez-Fernandez, Lourdes .....  | Mathematics                   |
| Perkins, Karen K. ....          | Life Science                  |
| Pernisco, Nicolas .....         | Communication & Media Studies |
| Peterson, James D. ....         | Emeritus Program              |
| Petikyan, Gohar .....           | Mathematics                   |
| Phillips, Barbara S. ....       | Emeritus Program              |
| Phillips, Kimberly M. ....      | Philosophy/Social Science     |
| Phillips, Lana K. ....          | English                       |
| Phua, Novita .....              | Mathematics                   |
| Picarelli, Ronda R. ....        | Communication & Media Studies |
| Pierce, Timothy L. ....         | Athletics                     |
| Pillich, Gualberto S. ....      | Music                         |
| Platt, Huch H. ....             | Communication & Media Studies |
| Platz, William A. ....          | Business                      |
| Poirier, Nancy P. ....          | Communication & Media Studies |
| Poreba, Janine S. ....          | ESL                           |

|                                 |                               |
|---------------------------------|-------------------------------|
| Porter, Leslie A. ....          | Kinesiology                   |
| Posner, Ludmila G. ....         | Modern Languages & Cultures   |
| Possemato, Frank ....           | English                       |
| Pourroy, Debra M. ....          | Education/Early Childhood     |
| Pourzangiabadi, Banafsheh ....  | Modern Languages & Cultures   |
| Preponis, Andreas ....          | Music                         |
| Press, Phyllis L. ....          | Emeritus Program              |
| Preston, Barry L. ....          | Communication & Media Studies |
| Price, William M. ....          | Life Science                  |
| Quesada, Donna M. ....          | Philosophy/Social Science     |
| Quinones, Hernan C. ....        | Modern Languages & Cultures   |
| Quintanilla, Johanna V. ....    | Counseling                    |
| Rabkin, Beth L. ....            | Design Technology             |
| Rados-Cloke, Angie ....         | Business                      |
| Rahnavard, Mohammad H. ....     | Mathematics                   |
| Rahni, Michael. ....            | CSIS                          |
| Rain, Barbara L. ....           | Photography – Fashion         |
| Ralston, Lynn C. ....           | Kinesiology                   |
| Ramirez, Raquel V. ....         | Dance                         |
| Ramsey, Ernest D. ....          | Mathematics                   |
| Rashidi, Jennifer S. ....       | Earth Science                 |
| Rasiej, Richard M. ....         | Mathematics                   |
| Rattanasook, Hathairat ....     | CSIS                          |
| Rayford, Valencia R. ....       | Counseling                    |
| Raz, Julia G. ....              | Communication & Media Studies |
| Rees, Denise M. ....            | Health Sciences               |
| Regalado, Olivia ....           | Emeritus Program              |
| Reich, Eleanor S. ....          | Emeritus Program              |
| Reichle, Robert E. ....         | English                       |
| Reiner, Helene G. ....          | Photography – Fashion         |
| Reiner, Margot ....             | Emeritus Program              |
| Reynolds, Trenton ....          | Emeritus Program              |
| Reynoso, Maria L. ....          | Counseling                    |
| Rice Jr., Eros P. ....          | Counseling                    |
| Richard, Christine ....         | Education/Early Childhood     |
| Richards, Charlotte R. ....     | Dance                         |
| Richwine, Dona R. ....          | Life Science                  |
| Rinden, Nels S. ....            | Life Science                  |
| Risinger, Lois A. ....          | Health Sciences               |
| Robbins, Crystal R. ....        | Theatre Arts                  |
| Roberts, Paul S. ....           | English                       |
| Robertson, Scott E. ....        | CSIS                          |
| Robinson, Kimberly C. ....      | Design Technology             |
| Rockwell, Cassie ....           | Business                      |
| Roddy, Lytha L. ....            | Education/Early Childhood     |
| Rodenhouse, Jennifer L. ....    | Design Technology             |
| Rodriguez, Blanca S. ....       | CSIS                          |
| Rodriguez, Juan Roberto E. .... | CSIS                          |
| Rodriguez, Katya P. ....        | Business                      |
| Roeser, Kayla M. ....           | Physical Science              |
| Rogers, Tim A. ....             | Business                      |
| Rojas, Randall R. ....          | Physical Science              |
| Romero, Rafael. ....            | Life Science                  |
| Roper, Lisa R. ....             | Counseling                    |
| Roper-Conley, Carolyn J. ....   | Business                      |
| Rosenberg, Vivian L. ....       | Communication & Media Studies |
| Rosenblum, Beth T. ....         | Art                           |
| Rosenthal, Laurence. ....       | Communication & Media Studies |
| Rosiles, Crystal A. ....        | Counseling                    |
| Ross, Margaret A. ....          | Emeritus Program              |
| Ross, Matthew S. ....           | English                       |
| Rostami, Mansour ....           | Life Science                  |
| Rota, Bruno L. ....             | Modern Languages & Cultures   |
| Rotblatt, Steven J. ....        | Design Technology             |
| Rowland, Yuki T. ....           | Counseling                    |
| Royal, Sylvester A. ....        | Athletics                     |
| Rozar, Ronald C. ....           | Life Science                  |
| Rubio, George H. ....           | English                       |
| Ruh, Christopher ....           | Communication & Media Studies |
| Ruiz, Edward S. ....            | Earth Science                 |
| Ruiz, Jessica ....              | Counseling                    |
| Russell, Richard L. ....        | Psychology                    |
| Ryza, Susan V. ....             | Emeritus Program              |
| Sabolic, Paul C. ....           | Business                      |
| Sadeghi-Tabrizi, Fariba ....    | Communication & Media Studies |
| Safii, Soheil ....              | Mathematics                   |
| Sage, Rebecca M.S. ....         | Psychology                    |
| Said, Asma W. ....              | Physical Science              |
| Sakurai, Dorna S. ....          | Life Science                  |
| Salama, Ahmed H. ....           | Earth Science                 |
| Salerno, Lori A. ....           | Life Science                  |
| Sanchez, Crystal M. ....        | Athletics                     |
| Sanchez, Kristina ....          | Counseling                    |
| Sanderson, Andrea ....          | Music                         |
| Sandoval, Amy ....              | English                       |
| Sandoval, Audrey L. ....        | Counseling                    |
| Sandoval, Audrey L. ....        | Counseling                    |
| Sandoval, Christina ....        | Counseling                    |
| Sandoval, Flor A. ....          | Counseling                    |
| Sandoval, Herb J. ....          | Kinesiology                   |
| Santana, Rodolfo ....           | Physical Science              |
| Santiago, Grace ....            | Counseling                    |
| Santillanes, Albert. ....       | Business                      |
| Saso, Mariko ....               | Mathematics                   |
| Sasu, Samuel ....               | Earth Science                 |
| Saxon, Lisa N. ....             | Communication & Media Studies |
| Scaife, Michele L. ....         | Philosophy/Social Science     |
| Scarlet, Amy. ....              | Health Sciences               |
| Schaffer, Susan C. ....         | Modern Languages & Cultures   |
| Schamp, Jutta L. ....           | English                       |
| Schmeltz, Linda A. ....         | Art                           |
| Schmidt, Einhard ....           | Physical Science              |
| Schneir, Gerald ....            | Emeritus Program              |
| Schnitzler, Alexander P. ....   | English                       |
| Schofield, Jennifer E. ...      | Communication & Media Studies |
| Schreiner, Gregory ....         | Music                         |
| Schulman, Jory ....             | Music                         |
| Schwartz, David N. ....         | Theatre Arts                  |
| Scott, Jacqueline D. ....       | CSIS                          |
| Scuric, Zorica ....             | Life Science                  |
| Seligson, Kenneth E. ....       | Earth Science                 |
| Selya, Rena E. ....             | History                       |
| Semere, Maria L. ....           | Counseling                    |
| Semerjian, Anahid H. ....       | Health Sciences               |
| Senko, Erik A. ....             | Business                      |
| Seno, Vicky T. ....             | CSIS                          |
| Seymour, Patrick S. ....        | Kinesiology                   |
| Shaffer, Julie M. ....          | Communication & Media Studies |
| Shatto, Melanie M. ....         | Photography – Fashion         |
| Shepard, Benjamin A. ....       | Earth Science                 |
| Sheynshteyn, Arkadiy S. ....    | Mathematics                   |
| Shibata, Jane M. ....           | Art                           |
| Shickman, Trevor D. ....        | Kinesiology                   |
| Shima, Tara H. ....             | Kinesiology                   |
| Shishido, Keith M. ....         | Business                      |
| Shrode, Robert J. ....          | Philosophy/Social Science     |
| Shvarts, Arina ....             | Counseling                    |
| Shvarts, Arina ....             | Counseling                    |
| Silva, Lorenzo ....             | Athletics                     |



|                                |                               |
|--------------------------------|-------------------------------|
| Silver, Emily M.....           | Art                           |
| Silvers, Larry B.....          | Counseling                    |
| Simhan, Shubhangi V.....       | Mathematics                   |
| Simmonds, Antoinette R.....    | Emeritus Program              |
| Simmons, Robert D. ....        | Communication & Media Studies |
| Simon, David L.....            | Art                           |
| Sindell, Steven M.....         | Business                      |
| Skydell, James L.....          | Life Science                  |
| Slaughter, Michael A. ....     | History                       |
| Slowinski, Rachel.....         | Photography – Fashion         |
| Smith, Amy S.....              | Library                       |
| Smith, Clyde W.....            | Communication & Media Studies |
| Smith, Dora L.....             | Health Sciences               |
| Smith, Ieisha M.....           | Counseling                    |
| Smith, Jacqueline M.....       | Health Sciences               |
| Smith, Megumi M. ....          | Music                         |
| Smith, Shane P.....            | Mathematics                   |
| Smith-Clark, Colin T. ....     | Psychology                    |
| Smyth, Laura A.....            | Dance                         |
| Sobel, Heywood.....            | Earth Science                 |
| Soleymani, Saman.....          | Mathematics                   |
| Sophos, Patricia E.....        | Library                       |
| Sorensen, Krysta E.....        | Music                         |
| Sosa, Luis A.....              | Mathematics                   |
| Sosner, Jeffrey A. ....        | English                       |
| Sotelo, Ingrid Y.....          | Counseling                    |
| Soto, Alejandro J.....         | Design Technology             |
| Soucy, Stephen H. ....         | Business                      |
| Soury, Sima.....               | Mathematics                   |
| Spector, Andrea L.....         | ESL                           |
| Spiegler, Marci A.....         | Life Science                  |
| St. Amant, Kathryn.....        | CSIS                          |
| Stambler, Lyndon S. ....       | Communication & Media Studies |
| Steeber, Sharon J. ....        | English                       |
| Steil, Rick J.....             | Photography – Fashion         |
| Steinberger, Erin K.....       | Business                      |
| Sterling, Jolanta.....         | Music                         |
| Stewart, Susana.....           | Counseling                    |
| Stirling, Mary Jo S. ....      | English                       |
| Stivener, Matthew.....         | ESL                           |
| Stone, Amelia O.....           | Mathematics                   |
| Stovall, Kita.....             | Health Sciences               |
| Stowell, Rachell.....          | Communication & Media Studies |
| Strathearn, Gary E.....        | Acad. Affairs                 |
| Strathearn, Michael D.....     | Physical Science              |
| Strauss, Eleanor M.....        | Earth Science                 |
| Strohmaier, Kyle D.....        | Physical Science              |
| Stromberg, Harvey L.....       | Emeritus Program              |
| Stuart, Carolyn A.....         | Art                           |
| Su, Boo C.....                 | Philosophy/Social Science     |
| Suekawa, Lori.....             | Counseling                    |
| Sullivan, Robert E.....        | Earth Science                 |
| Sung, Mi Kyung.....            | Communication & Media Studies |
| Supat, Wihok.....              | CSIS                          |
| Surendranath, Lindsey C.....   | English                       |
| Susilowati, Sri.....           | Dance                         |
| Sweidan, Selwa.....            | Design Technology             |
| Synicky, Christopher M. ....   | Art                           |
| Tada, Kuniko.....              | Modern Languages & Cultures   |
| Takemori, Kanzo.....           | Modern Languages & Cultures   |
| Takeshita, Tracey M.....       | Counseling                    |
| Takesue, Sumy A.....           | Music                         |
| Talleda, Margarita L.....      | Education/Early Childhood     |
| Tanaka, Bonita R.....          | Design Technology             |
| Tanaka, Daniel J.....          | Modern Languages & Cultures   |
| Tateri, Jon-Erik S.....        | English                       |
| Tauber Mortime, Maya E.....    | Life Science                  |
| Taylor, Scott M.....           | Physical Science              |
| Temkin, Michal Z.....          | Counseling                    |
| Terry, Lesa.....               | Music                         |
| Terry Jr., Paul W.....         | Emeritus Program              |
| Terzyan, Anna.....             | Philosophy/Social Science     |
| Thai, Linda.....               | Counseling                    |
| Thawley, John.....             | Photography – Fashion         |
| Thayer, Jill.....              | Art                           |
| Thomason, Matthew M. ....      | Art                           |
| Thomasson, Brian A.....        | History                       |
| Thompson, Chantry.....         | Counseling                    |
| Tingen, Ian W.....             | Psychology                    |
| Tirr, Catherine A.....         | Emeritus Program              |
| Titmus, Jon G.....             | Music                         |
| Tobin, Patrick D.....          | Health Sciences               |
| Tooke, Jeremy L.....           | Design Technology             |
| Torres-Gonzalez, Norma A. .... | Counseling                    |
| Torrez, Pete J.....            | ESL                           |
| Toumari, Arman.....            | Physical Science              |
| Tracey, Michael P.....         | ESL                           |
| Tran, Jennifer.....            | Counseling                    |
| Trejo, Adrian D.....           | Counseling                    |
| Trentham, Bruce M.....         | Emeritus Program              |
| Trippetti, Victor J.....       | Business                      |
| Trives, Nathaniel.....         | Emeritus Program              |
| Triviza, Anastasia.....        | Design Technology             |
| Trombetta, Giovanni N....      | Modern Languages & Cultures   |
| Tsang, Charlie H.....          | Health Sciences               |
| Tsurumi, Keiko.....            | Modern Languages & Cultures   |
| Tsvikyan, Alvard.....          | Mathematics                   |
| Tu, Wendy.....                 | Mathematics                   |
| Tufenkjian, Tanya.....         | Welcome Center                |
| Turner, Hirut A.....           | Counseling                    |
| Turner, Lorna J.....           | Design Technology             |
| Ulrich, James W.....           | Mathematics                   |
| Uzan, Devin.....               | Design Technology             |
| Vacarra, Jill W.....           | Design Technology             |
| Vaillancourt, Arlene.....      | Emeritus Program              |
| Valentine, Dyana.....          | Counseling                    |
| Valesella, Marc D.....         | Photography – Fashion         |
| Valle, Anne M.....             | Life Science                  |
| Vallejo, Olivia.....           | Counseling                    |
| Valverde, Thelma.....          | Counseling                    |
| Van Rensselaer, Imogen E.      | Modern Languages & Cultures   |
| Vanbenschoten, William D.....  | History                       |
| Vargas, Brenda L.....          | CSIS                          |
| Vargas, Guadalupe E.....       | Counseling                    |
| Vaughan, Daniel H.....         | CSIS                          |
| Vaughn, Catherine L.....       | Cosmetology                   |
| Vendlinski, Terry P.....       | Mathematics                   |
| Verlet, Melissa C.....         | History                       |
| Vicich, Gerald M.....          | Art                           |
| Villa, Larisa M.....           | Counseling                    |
| Vruwink, Nicola R.....         | Design Technology             |
| Vyor, Stefan J.....            | CSIS                          |
| Wadman, Ashley M.....          | Counseling                    |
| Wali, Monona.....              | Emeritus Program              |
| Walker, Cheryl L.....          | Emeritus Program              |
| Wall, Christopher B.....       | Life Science                  |
| Wang, Allen C.....             | Counseling                    |
| Wang, Er Xiang.....            | Mathematics                   |
| Wang, Jason D.....             | Mathematics                   |
| Wang, Jonathan K.....          | Design Technology             |

|                               |                               |
|-------------------------------|-------------------------------|
| Wapner-Baart, Linda J. ....   | Emeritus Program              |
| Ward, Julie E. ....           | Mathematics                   |
| Ward, Matthew M. ....         | Communication & Media Studies |
| Washington, Daniella M. ....  | Counseling                    |
| Weinstein, Jennifer M. ....   | Emeritus Program              |
| Weisberg, Alessia N. ....     | Modern Languages & Cultures   |
| Welton, Marlea ....           | Business                      |
| Wengeler, William R. ....     | Life Science                  |
| Whaley, Thomas L. ....        | Music                         |
| Wheat, Natasha R. ....        | Art                           |
| Whidden, Amanda R. ....       | Communication & Media Studies |
| Wilkinson Jr., Edward C. .... | History                       |
| Will, Luke J. ....            | English                       |
| Williams, Amber L. ....       | Modern Languages & Cultures   |
| Williams, Ayanna ....         | Business                      |
| Williams, Matthew P. ....     | Counseling                    |
| Williams, Rhea M. ....        | Counseling                    |
| Williams, Ryan R. ....        | Life Science                  |
| Williams, Von J. ....         | Design Technology             |
| Williams Leon, Teresa K. .... | Philosophy/Social Science     |
| Williamson, Teresa D. ....    | CSIS                          |
| Wilson, Lisa M. ....          | Education/Early Childhood     |
| Winkler, Kenneth D. ....      | English                       |
| Wolfe, Richard A. ....        | ESL                           |
| Wolin-Tupas, Roberta L. ....  | Dance                         |
| Wong, Betty L. ....           | Mathematics                   |
| Wong, James D. ....           | Mathematics                   |
| Wong, Wenise W. ....          | Physical Science              |
| Wood, Sharon J. ....          | Design Technology             |
| Woodruff, Sandra K. ....      | English                       |
| Woods, Ventris ....           | Philosophy/Social Science     |
| Wright, Nadine E. ....        | English                       |
| Wu, David ....                | Modern Languages & Cultures   |
| Xie, Melanie C. ....          | Mathematics                   |
| Xu, May N. ....               | Mathematics                   |
| Yamaguchi, Yurica ....        | Counseling                    |
| Yan, Simon K. ....            | Mathematics                   |
| Yankey, Kofi A. ....          | Mathematics                   |
| Yee, David K. ....            | Mathematics                   |
| Yee, Stephanie K. ....        | Counseling                    |
| Yenser, Stephen J. ....       | ESL                           |
| Yewell, Rebecca E. ....       | Emeritus Program              |
| Young, Anne L. ....           | Music                         |
| Young, Rachel U. ....         | English                       |
| Young, William H. ....        | English                       |
| Yu, Xiao ....                 | Modern Languages & Cultures   |
| Zakeri, Gholam A. ....        | Mathematics                   |
| Zane, Wallace W. ....         | Earth Science                 |
| Zarate, Susana ....           | Modern Languages & Cultures   |
| Zarcone, John ....            | Art                           |
| Zarrabi, Roxana ....          | Counseling                    |
| Zeigler, Lydia N. ....        | Health Sciences               |
| Ziff, Elizabeth B. ....       | Philosophy/Social Science     |
| Zimmerman, William L. ....    | CSIS                          |
| Ziv, Nurit B. ....            | Life Science                  |
| Zmuda, Lynn M. ....           | Design Technology             |
| Zuk, Patricia A. ....         | Life Science                  |
| Zusman, Shanon P. ....        | Music                         |
| Zwang-Weissman, Linda B. .... | Modern Languages & Cultures   |

## Important Phone Numbers

All numbers are in Area Code 310, unless otherwise noted.

|  |                    |
|--|--------------------|
| Santa Monica College,<br>1900 Pico Blvd., Santa Monica .....               | 434•4000           |
| Automated Call Center .....  | 434-4001           |
| Video Phone .....  | (424) 238-1635     |
| Academic Senate .....  | 434-4611           |
| Accounts Payable .....   | 434-4283           |
| Admissions Office .....  | 434-4380           |
| Nonresident Admissions .....   | 434-4461, 434-4595 |
| International Student Admissions .....                                     | 434-4217           |
| African American Collegian Center .....                                    | 434-4232           |
| Airport Arts Campus .....  | 434-4229           |
| Alumni .....   | 434-8400           |
| Art Department .....   | 434-4230           |
| Art Gallery .....  | 434-3434           |
| Exhibit Information .....  | 434-8204           |
| Associated Students & Student Clubs .....                                  | 434-4250           |
| Associates .....   | 434-4100           |
| Athletics .....  | 434-4310           |
| Auxiliary Services Business Office .....                                   | 434-4255           |
| Board of Trustees .....  | 434-4241           |
| Bookstore – Airport Arts .....   | 434-4637           |
| Bookstore – Bundy .....  | 434-3480           |
| Bookstore – Center for Media and Design<br>(closed for construction) ..... | 434-3750           |
| Bookstore – Main .....   | 434-4258           |
| Bookstore – Performing Arts Center .....                                   | 434-3482           |
| Broad Theater .....  | 434-3200           |
| Broadcasting Program .....   | 434-4583           |
| Bursar’s Office .....  | 434-4664           |
| Business Education Department .....  | 434-4295           |
| Campus Police (Emergency) .....  | 434-4300           |
| Campus Police (NONemergency) .....   | 434-4608           |
| Career Services Center .....   | 434-4337           |
| Center for Media and Design (CMD) .....                                    | 434-3700           |
| Child Development .....  | 434-8109           |
| Children’s Services Coordinator .....                                      | 434-8526           |
| College Ombudsperson .....   | 434-3986           |
| Communication and Media Studies<br>Department .....                        | 434-4246           |
| Communication Studies<br>(formerly Speech) Program .....                   | 434-4246           |
| Community Education .....  | 434-3403, 434-4115 |
| Community Relations Office .....   | 434-4100           |
| Computer Classes-Business Department .....                                 | 434-4295           |
| Continuing Education .....   | 434-3403           |
| Corsair Newspaper .....  | 434-4340           |
| Cosmetology Department .....   | 434-4292           |
| Counseling Department .....  | 434-4210           |
| CSEA Office .....  | 434-4068           |
| Curriculum Office .....  | 434-4277           |
| Custodian’s Office .....   | 434-4366           |
| Dance Department .....   | 434-3467           |
| Design Technology Department .....   | 434-3720           |
| Disabled Students Center (DSPS) .....                                      | 434-4265           |
| Distance Education Program .....   | 434-3761           |
| Early Childhood/Education .....  | 434-8109           |
| Earth Sciences Department .....  | 434-4767           |
| Emeritus Program .....   | 434-4306           |
| Employment Information – Academic .....                                    | 434-4336           |
| Employment Information – Non-Teaching .....                                | 434-4321           |

|   |                    |   |                    |
|---|--------------------|---|--------------------|
| Employment Information – Student..        | 434-4343, 434-4337 | Receiving Department.....                       | 434-4373           |
| English Department.....                   | 434-4242           | Registration.....                               | 434-4380           |
| Environmental Studies Department.....     | 434-4901           | Reprographics.....                              | 434-4828           |
| EOPS/CARE Office.....                     | 434-4268           | Scholars Program.....                           | 434-4371           |
| ESL Department.....                       | 434-4260           | 24-hour Recorded Information.....               | 434-4059           |
| Events-Information and Tickets.....       | 434-3005           | Scholarships.....                               | 434-4290           |
| Events – Center for Media and Design..... | 434-3777           | School Relations Office.....                    | 434-4189           |
| Events-Performing Arts Center.....        | 434-3200           | Shuttle Information.....                        | 434-4608           |
| Events – Business Office.....             | 434-3005           | SMC Extension.....                              | 434-3400           |
| Extension, SMC.....                       | 434-3400           | Social Science Department.....                  | 434-4244           |
| Facility Rentals.....                     | 434-3002           | Speech (now Communication Studies) Program..... | 434-4246           |
| Faculty Association.....                  | 434-4394           | Student Complaints.....                         | 434-3986           |
| Fashion Design/Merchandising.....         | 434-4621           | Student Judicial Affairs.....                   | 434-4220           |
| Film Studies Program.....                 | 434-4246           | Student Success and Support Program (SSSP)....  | 434-4347           |
| Financial Aid Office.....                 | 434-4343           | Study Abroad Programs.....                      | 434-4342           |
| Fitness Center.....                       | 434-4741           | Superintendent’s Office.....                    | 434-4200           |
| Foundation.....                           | 434-4215           | Swim Center (Pool) Information.....             | 458-8700           |
| General Advisory Board.....               | 434-4100           | Telecommunications Services.....                | 434-3010           |
| Grants.....                               | 434-3718           | Theatre Arts Department.....                    | 434-4319           |
| Graphic Design Program.....               | 434-3720           | Theater Information.....                        | 434-4319           |
| Guardian Scholars Program.....            | 434-4491           | Title IX Coordinator.....                       | 434-4415, 434-4419 |
| Health Sciences Department.....           | 434-3450           | Transcripts.....                                | 434-4392           |
| Health Services-Student.....              | 434-4262           | Transfer Center.....                            | 434-4210           |
| High Tech Training Center.....            | 434-4267           | Tutoring – English, Humanities.....             | 434-4682           |
| Human Resources-Academic.....             | 434-4415           | Tutoring – ESL.....                             | 434-4260           |
| Human Resources-Classified.....           | 434-4881           | Tutoring – Math.....                            | 434-4735           |
| Interior Design Program.....              | 434-3720           | Tutoring – Modern Language.....                 | 434-4683           |
| International Education Center.....       | 434-4217           | Tutoring – Science.....                         | 434-4630           |
| Job Placement-Student.....                | 434-4343           | Veterans’ Resource Center.....                  | 434-8205           |
| Journalism Program.....                   | 434-4246           | Welcome Center.....                             | 434-8101           |
| KCRW 89.9 FM.....                         | 450-5183           | Workforce Development.....                      | 434-4040           |
| Kinesiology Department.....               | 434-4310           |   |                    |
| KWRF.....                                 | 434-4583           |   |                    |
| Latino Center.....                        | 434-4459           |   |                    |
| Learning Disabilities Program.....        | 434-4684           |   |                    |
| Library.....                              | 434-4334           |   |                    |
| Life Science Department.....              | 434-4761           |   |                    |
| Maintenance-Operations-Grounds.....       | 434-4378           |   |                    |
| Mathematics Department.....               | 434-4274           |   |                    |
| Matriculation.....                        | 434-8708           |   |                    |
| Media Center.....                         | 434-4352           |   |                    |
| Media Studies Program.....                | 434-4246           |   |                    |
| Modern Language Department.....           | 434-4248           |   |                    |
| Music Department.....                     | 434-4323           |   |                    |
| Nursing Program.....                      | 434-3450           |   |                    |
| Ombudsperson.....                         | 434-3986           |   |                    |
| Outreach Program.....                     | 434-4189           |   |                    |
| Parking Enforcement.....                  | 434-4608           |   |                    |
| Payroll.....                              | 434-4234           |   |                    |
| Personnel Commission.....                 | 434-4410           |   |                    |
| Photography Department.....               | 434-3547           |   |                    |
| Photography Gallery.....                  | 434-4289           |   |                    |
| Physical Education.....                   | 434-4310           |   |                    |
| Physical Science Department.....          | 434-4788           |   |                    |
| Pico Promise Program.....                 | 434-4926           |   |                    |
| Planetarium.....                          | 434-3000           |   |                    |
| Planning and Development.....             | 434-4215           |   |                    |
| Pool Information.....                     | 458-8700           |   |                    |
| President’s Office.....                   | 434-4200           |   |                    |
| Promo Pathway Program.....                | 434-4503           |   |                    |
| Psychological Services.....               | 434-4503           |   |                    |
| Psychology Department.....                | 434-4276           |   |                    |
| Public Policy Institute.....              | 434-3429           |   |                    |
| Public Programs.....                      | 434-4100           |   |                    |
| Purchasing.....                           | 434-4304           |   |                    |

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*Cover Photo:* Yang Xu, SMC Student



# Notes

# Notes

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# Notes



# Santa Monica College

## SMC Campuses and Program Sites

### SMC CAMPUSES

Main Campus  
1900 Pico Boulevard,  
Santa Monica, CA 90405

Center for Media and Design (CMD)  
1660 Stewart Street  
Santa Monica, CA 90404

Administration  
2714 Pico Boulevard,  
Santa Monica, CA 90405

Airport Arts Campus (AIR)  
2800 Airport Avenue  
Santa Monica, CA 90405

Bundy Campus (BUNDY)  
3171 S. Bundy Drive,  
Los Angeles, CA 90066

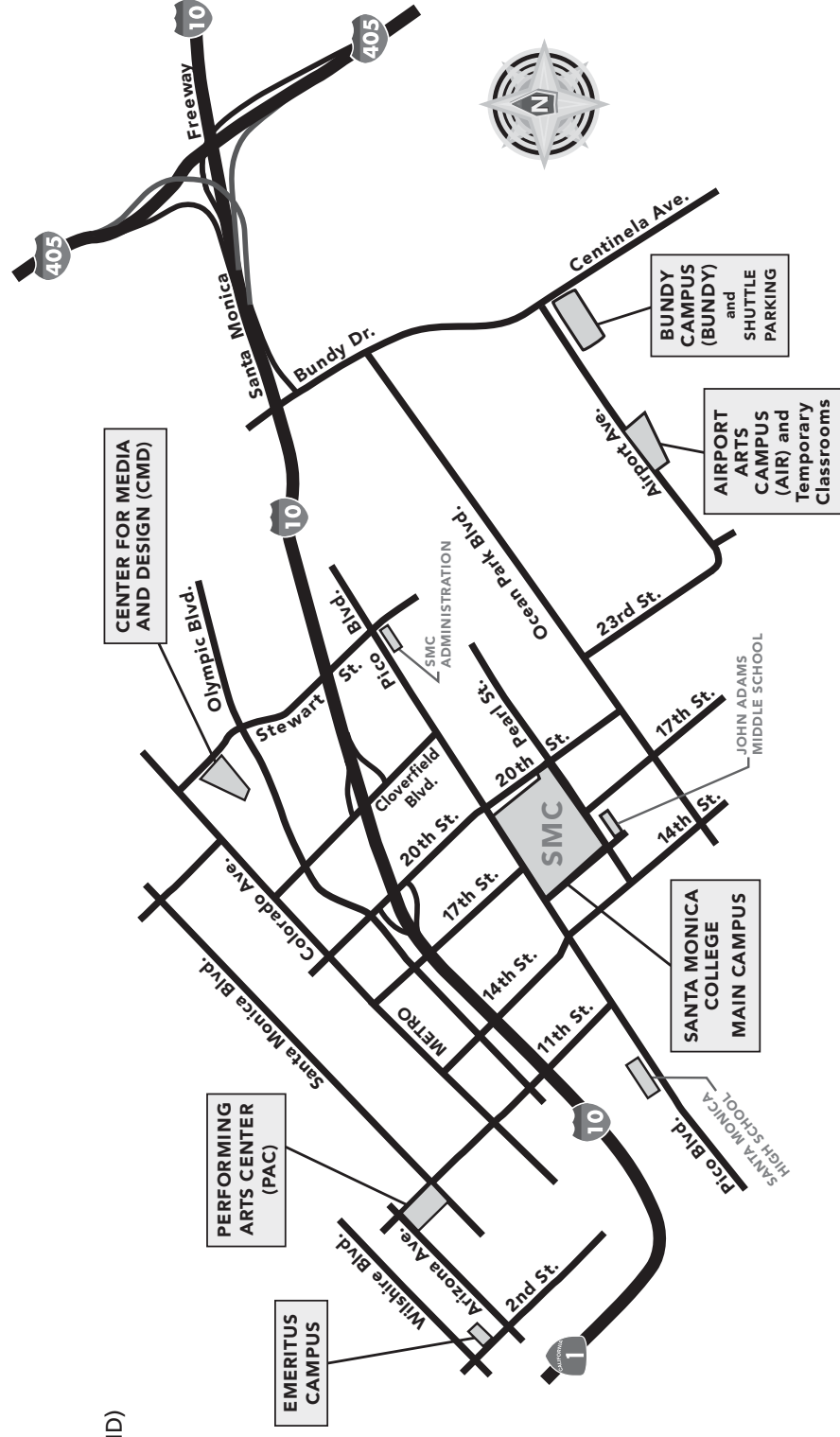
Emeritus Campus  
1227 2nd Street  
Santa Monica, CA 90401

Performing Arts Center (PAC)  
1310 11th Street  
Santa Monica, CA 90401

### ADDITIONAL CLASS LOCATIONS

John Adams Middle School  
2425 16th Street  
Santa Monica, CA 90405

Santa Monica High School  
601 Pico Boulevard  
Santa Monica, CA 90405





# California's #1 Transfer College

SMC continues to lead the state with 1,097 transfers to University of California campuses in the 2015-16 school year. This is nearly half again as many as the second-best transfer school. UCLA, UC Berkeley, and UC Irvine were the top choices for SMC students. SMC also continues to be the state leader in transfers to UC schools by both Latino and African American students.



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