

Majors and Areas of Emphasis



Associate Degree, Certificate of Achievement, and Department Certificate Programs

All programs offered at Santa Monica College leading to an Associate degree (AA, AS, AA-T, or AS-T), a Certificate of Achievement, or a Department Certificate are designed to provide students with the necessary skills to compete successfully in related job markets or for transfer to a four-year college or university. Certificate of Achievement programs offered by Santa Monica College meet the needs of people in business and industry. The teaching faculty in these programs is well trained, with both academic and industry experience. 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.

Major requirement sheets for the Associate degree, Certificate of Achievement, and Department Certificate programs are available in the Transfer/Counseling Center and online (go to www.smc.edu/articulation). **Completion of Associate degree major coursework, a Certificate of Achievement, or a Department Certificate usually will not adequately satisfy transfer major requirements.** Students are encouraged to meet with a counselor to develop an academic program best suited for their transfer institution and intended major.

CATALOG RIGHTS

Catalog rights dictate that 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.

ASSOCIATE DEGREES (AA, AS)

The Associate in Arts degrees and Associate in Science degrees involve satisfactory completion of a minimum of 60 semester units with a C average or higher, including the semester units required in each area of emphasis and fulfillment of all Santa Monica College general education (GE) requirements, CSU GE, or IGETC.

Catalog rights dictate that 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.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

60 Units Unless Otherwise Noted

Accounting
 Animation (*see Entertainment Technology*)
 Art
 Athletic Coaching
 Broadcasting degrees:
 – Broadcast Programming and Production
 – Broadcast Sales and Management
 – Entertainment Promotion/Marketing Production (*see Broadcasting*)
 Business degrees:
 – Business Administration – Professional
 – Insurance Professional
 – Logistics/Supply Chain Management
 – Management/Leadership
 – Merchandising
 Child Development (*see Early Childhood Education*)
 Cinema (*see Film Studies*)
 Communication Studies (*formerly Speech*) (*available only to students who enrolled at SMC Spring 2014 or earlier and who have maintained continuous enrollment in each Fall and Spring semester until graduation*)
 Computer Information Systems degrees:
 – Computer Business Applications
 – Website Software Specialist
 Computer Science degrees:
 – Computer Programming
 – Computer Science
 – Database Applications Developer
 – Web Programmer
 Cosmetology
 Dance
 Digital Media (*see Entertainment Technology*)
 Early Childhood Education degrees:
 – Career
 – Early Childhood Intervention Assistant (*available only to students who enrolled at SMC Spring 2015 or earlier and who have maintained continuous enrollment in each consecutive Fall and Spring semester until graduation*)
 – Early Childhood Intervention Teacher (*available only to students who enrolled at SMC Spring 2015 or earlier and who have maintained continuous enrollment in each consecutive Fall and Spring semester until graduation*)
 – Early Intervention Assistant (*formerly Early Childhood Intervention Assistant*)
 Entertainment Promotion/Marketing Production (*see Broadcasting*)
 Environmental Science
 Environmental Studies
 Ethnic Studies
 Fashion Design and Merchandising degrees:
 – Fashion Design
 – Fashion Merchandising
 Film Production
 Film Studies (*formerly Cinema*)
 General Science
 Global Studies
 Graphic Design
 Interior Architectural Design
 Journalism
 Kinesiology Physical Education (*formerly Physical Education/Kinesiology/Physiological Sciences*)

Liberal Arts degrees:

- Liberal Arts (*available only to students who enrolled at SMC Spring 2010 or earlier and who have maintained continuous enrollment*)
- Arts & Humanities
- Social & Behavioral Science

Media Studies (*see Broadcasting*)

Music

Music, Applied option

Nursing – RN (74 units)

Office Information Systems (*see Office Technology*)Office Technology (*formerly Office Information Systems*) degrees:

- General Office
- Legal Administrative Assistant
- Medical Administrative Assistant
- Medical Coding and Billing Specialist

Photography

Physical Education/Kinesiology/Physiological Sciences (*see Kinesiology Physical Education*)

Public Policy

Recycling & Resource Management

Respiratory Therapy (77-79 units)

Solar Photovoltaic Installation (Solar Energy Installation)

Speech (*available only to students who enrolled at SMC Spring 2014 or earlier and who have maintained continuous enrollment in each Fall and Spring semester until graduation*)

Technical Theatre

Theatre

Transfer Studies Associate degree (*available only to students who enrolled at Santa Monica College Spring 2008 or earlier and who have maintained continuous enrollment in each Fall and Spring semester until graduation.*)

Women's Studies

CERTIFICATES OF ACHIEVEMENT

Catalog rights dictate that a student may satisfy the requirements for a certificate of achievement by completing the general education and major/area of emphasis requirements in effect at any time during the student's continuous enrollment. Continuous enrollment is defined as enrollment in consecutive Fall and Spring semesters until completion.

- At least 50% of the units required for Certificates of Achievement must be completed at Santa Monica College. (Exception: For IGETC/CSUGE Certificates, 50% of the units required for Certificates of Achievement must be completed at any, or at any combination of, California Community College/s.)
- Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement. (Exception: For CSUGE Certificate, a minimum grade of D- [0.7 on a 4.0 scale] is required for each course applied to the CSUGE Certificate of Achievement. The minimum overall GPA on the CSUGE pattern must be a C [2.0 on a 4.0 scale].)

Accounting

- Accounting
- Professional Accountant

Animation (*see Entertainment Technology*)Athletic Coaching (*see Kinesiology Physical Education*)

Broadcasting

- Broadcast Programming and Production
- Broadcast Sales and Management
- Entertainment Promotion/Marketing Production (*see Broadcasting*)

Business

- Entrepreneurship
- Insurance Professional
- International Business
- Logistics/Supply Chain Management
- Management/Leadership
- Marketing
- Merchandising

Child Development (*Preschool Associate*) (*see Early Childhood Education*)

Computer Information Systems

- Computer Business Applications
- Website Software Specialist

Computer Science

- Computer Programming
- Computer Science
- Database Applications Developer
- Web Programmer

Cosmetology

Digital Media (*see Entertainment Technology*)Early Childhood Education (*formerly Child Development*)

- Early Childhood Education – Career
- Early Childhood Intervention Assistant (*available only to students who enrolled at SMC Spring 2015 or earlier and who have maintained continuous enrollment in each consecutive Fall and Spring semester until graduation*)
- Early Childhood Intervention Teacher (*available only to students who enrolled at SMC Spring 2015 or earlier and who have maintained continuous enrollment in each consecutive and Spring semester until graduation*)
- Early Intervention Assistant (*formerly Early Childhood Intervention Assistant*)

Environmental Science

Entertainment Promotion/Marketing Production (*see Broadcasting*)

Environmental Studies

Ethnic Studies

Fashion Design and Merchandising

- Fashion Design
- Fashion Merchandising

Film Production

Film Studies

Global Studies

Graphic Design

Interior Architectural Design

Kinesiology Physical Education (*formerly Physical Education/Kinesiology/Physiological Sciences*)

- Athletic Coaching

Marketing Production (*see Broadcasting*)Office Technology (*formerly Office Information Systems*)

- General Office
- Legal Administrative Assistant
- Medical Administrative Assistant
- Medical Coding and Billing Specialist

Photography

Public Policy

Recycling & Resource Management

Solar Photovoltaic Installation (Solar Energy Installation)

Transfer

- CSU GE
- IGETC

DEPARTMENT CERTIFICATES

Catalog rights dictate that a student may satisfy the requirements for a department certificate by completing the major/area of emphasis requirements in effect at any time during the student's continuous enrollment. Continuous enrollment is defined as enrollment in consecutive Fall and Spring semesters until completion.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Accounting

- Computer Accounting

African and Middle Eastern Studies (*see Modern Languages*)Asian Studies (*see Modern Languages*)

Automotive – Automotive Technician

Business

- Entrepreneurship
- Insurance Specialist
- International
- Logistics
- Management
- Marketing
- Merchandising
- Salon Business

Computer Information Systems

- Digital Publishing (*formerly Desktop Publishing*)
- Website Creator
- Website Development Management
- Word Processing

Computer Science

- Computer Programming
- Information Systems Management
- Mobile Apps Development – Android
- Mobile Apps Development – iPhone

Cosmetology

- Nail Care
- Salon Business
- Skin Care

Dance

- Dance Teacher (Pre-K Grade 5)

Early Childhood Education

- Early Childhood Education Core

Energy Efficiency Specialist

Entertainment Technology

- 2D Animation
- 3D Animation
- 3D Modeling
- 3D Rendering
- Digital Effects
- Game Design

Graphic Design

- Web Design

Interior Architectural Design

- Digital Production & Design
- Set Design & Art Direction for Film & TV

Latin American Studies (*see Modern Languages*)

Modern Languages

- African and Middle Eastern Studies
- Asian Studies
- Latin American Studies

Office Technology (*formerly Office Information Systems*)

- Clerical/Data Entry
- Medical Billing/Coding
- Medical Records Clerk/Receptionist
- Medical Transcription
- Word Processing

Recycling and Resource Management

- Recycling and Zero Waste

Solar Photovoltaic Installation (Solar Energy Installation)

ADDITIONAL COURSES OFFERED

American Sign Language

Anatomy

Anthropology

Arabic

Astronomy

Biological Sciences

Botany

Chemistry

Chinese

Counseling (*formerly Human Development*)

Economics

Engineering

English

ESL – English as a Second Language

French

Geology

German

Health Education

Hebrew

Humanities

Italian

Japanese

Korean

Library Studies

Linguistics

Microbiology

Nutrition

Occupational Therapy

Persian

Philosophy

Physics

Physiology

Political Science

Psychology

Religious Studies

Russian

Sociology

Turkish

Zoology

PRE-PROFESSIONAL ADVISING SHEETS

(Available in Transfer/Counseling Center or online at www.smc.edu/articulation)

Chiropractic
Dental
Dental Hygiene
Law
Medical
Pharmacy
Teacher Preparation
Veterinary

ASSOCIATE DEGREES FOR TRANSFER TO THE CSU SYSTEM (AA-T, AS-T)

The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is granted upon successful completion of a program of study **with a minimum of 60 semester units with an overall average grade of C or higher**. The following is required for all AA-T or AS-T degrees for transfer to the California State University system:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information.
4. Certified completion of the California State University General Education – Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. *(Please note: Students transferring to CSU **must** complete IGETC Area 1C.)*
5. Completion of major coursework must be completed with a grade of C or better. Students at Santa Monica College may earn an Associate degree for Transfer in the following:
 - Art History (AA-T)
 - Business Administration (AS-T)
 - Communication Studies (AA-T)
 - Early Childhood Education (AS-T)
 - Geography (AA-T)
 - History (AA-T)
 - Journalism (AA-T)
 - Kinesiology (AA-T)
 - Mathematics (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 www.smc.edu/articulation for more 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.

Students planning to transfer to a four-year college/university should refer to the Business Administration major's transfer requirements.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

These programs are not designed for transfer students.

Accounting

Program Learning Outcomes: Upon completion of the Accounting 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: (12 Units)

- Business 1, Introduction to Business (3)
- Business 31, Business English Fundamentals (3) **or**
English 1, Reading and Composition (3)
- Business 32, Business Communications (3)
- CIS 1, Computer Concepts with Applications (3) **or** CIS
4, Introduction to Computers, Business Applications
(3)

Required Concentration Courses: (16 Units)

- Accounting 1, Introduction to Financial Accounting (5)
- Accounting 2, Corporate Financial and Managerial
Accounting (5)
- Accounting 9, Accounting Ethics (3)

Accounting 31A, Excel for Accounting (3) (*same as CIS 30*)

Additional Recommended Courses:

Accounting 10A, Intermediate Accounting A (3)
 Accounting 10B, Intermediate Accounting B (3)
 Accounting 10C, Intermediate Accounting C (4)
 Accounting 6, Accounting Consolidations (3)
 Accounting 7, Advanced Accounting: Special Topics (3)
 Accounting 11, Cost Accounting (3)
 Accounting 12, Auditing (3)
 Accounting 15, Individual Income Taxes (3)
 Accounting 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)
 Accounting 31B, Advanced Excel for Accounting (3)
 Accounting 35, QuickBooks (3) (*same as CIS 35*)
 Business 5, Business Law (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 www.smc.edu/articulation).

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Accounting

OPTION 1: (28 units)

Completion of required core courses and required concentration courses listed above in the Associate degree program.

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

OPTION 2: (23 units)

Required Courses: (20 units)

Accounting 1, Introduction to Financial Accounting (5)
 Accounting 2, Corporate Financial and Managerial Accounting (5)
 Accounting 10A, Intermediate Accounting A (3)
 Accounting 10B, Intermediate Accounting B (3)
 Accounting 10C, Intermediate Accounting C (4)

Select one additional course from the following:

Accounting 31A, EXCEL for Accounting (3)
 Accounting 31B, Advanced EXCEL for Accounting (3)
 Accounting 35, QuickBooks (3) (*same as CIS 35*)
 CIS 30, Microsoft EXCEL (3) (*formerly CIS 31*)

OPTION 3: (22-26 units)

Required Courses: (13 units)

Accounting 1, Introduction to Financial Accounting (5)
 Accounting 2, Corporate Financial and Managerial Accounting (5)
 Accounting 15, Individual Income Tax (3)

Select one additional course from the following:

Accounting 31A, EXCEL for Accounting (3)
 Accounting 35, QuickBooks (3) (*same as CIS 35*)

Select two additional courses from the following:

Accounting 10A, Intermediate Accounting 2 (5)
 Accounting 10B, Intermediate Accounting B (3)
 Accounting 10C, Intermediate Accounting C (4)
 Accounting 11, Cost Accounting (3)
 Accounting 12, Auditing (3)
 Accounting 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)
 Business 1, Introduction to Business (3)
 Business 5, Business Law (3)
 Business 32, Business Communications (3)
 Business 45, Individual Financial Planning (3) (*same as Accounting 45*)

Professional Accountant (35 units)

The Professional Accounting curriculum 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 (www.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.

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

Required Core Courses: (35 units)

Accounting 1, Introduction to Financial Accounting (5)
 Accounting 2, Corporate Financial and Managerial Accounting (5)
 Accounting 6, Accounting Consolidations (3)
or
 Accounting 7, Advanced Accounting: Special Topics (3)
 Accounting 9, Accounting Ethics (3)
 Accounting 10A, Intermediate Accounting A (3)
 Accounting 10B, Intermediate Accounting B (3)
 Accounting 10C, Intermediate Accounting C (4)
 Accounting 12, Auditing (3)
 Accounting 15, Individual Income Taxes (3)
 Business 5, Business Law (3)

Recommended Courses:

Accounting 11, Cost Accounting (3)
 Accounting 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)
 Accounting 26, Advanced Business Law (3) (*same as Business 6*)
 Accounting 31A, EXCEL for Accounting (3)
 Accounting 31B, Advanced EXCEL for Accounting (3)
 Accounting 35, QuickBooks (3) (*same as CIS 35*)
 Accounting 45, Individual Financial Planning (3) (*same as Business 45*)
 CIS 4, Introduction to Computers, Business Applications (3)

DEPARTMENT CERTIFICATE

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Computer Accounting (14 units)

Program Learning Outcomes: Students will demonstrate basic knowledge of computerized accounting application software, such as word processing, spreadsheet, and basic general ledger applications.

Required Courses:

- Accounting 1, Introduction to Financial Accounting (5)
- Accounting 31A, Excel for Accounting (3)
- Accounting 35, QuickBooks (3) (*same as CIS 35*)
- CIS 4, Introduction to Computers, Business Applications (3)

Additional Recommended Courses:

- Accounting 31B, Advanced Excel for Accounting (3)

African and Middle Eastern Studies

See *Modern Languages*

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 inter-cultural 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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Anthropology B.A.

- **University of California, Davis**
Anthropology A.B.
Anthropology A.B. – Evolutionary Track
Anthropology A.B. – Sociocultural Track
Anthropology B.S.
Anthropology A.B.
- **University of California, Los Angeles**
Anthropology B.A.
Anthropology B.S.
- **University of California, Merced**
Anthropology B.A.
- **University of California, Riverside**
Anthropology B.A.
Anthropology B.S.
- **University of California, San Diego**
Anthropology B.A.
Anthropology B.A. – Archaeology Concentration in
Anthropology B.A. – Biological Anthropology
Concentration
- **University of California, Santa Barbara**
Anthropology B.A. – Biological Emphasis
Anthropology B.A. – Cultural Emphasis
- **University of California, Santa Cruz**
Anthropology B.A.
- **California Polytechnic State University, San Luis Obispo**
Anthropology and Geography B.S.
Anthropology and Geography B.S. – Cross-Cultural
Studies and International Development Concentration
Anthropology and Geography B.S. – Environmental
Studies and Sustainability Concentration
Anthropology and Geography B.S. – Human Ecology
Concentration
Anthropology and Geography B.S. – Teaching
Concentration
- **California State Polytechnic University, Pomona**
Anthropology B.A.
- **California State University Channel Islands**
Anthropology B.S. – Cultural Resource Management
- **California State University, Dominguez Hills**
Anthropology B.A.
Anthropology B.A. – Archaeology Concentration
Anthropology B.A. – General Anthropology
Concentration
- **California State University, East Bay**
Anthropology B.A.
- **California State University, Fullerton**
Anthropology B.A.
- **California State University, Long Beach**
Anthropology B.A.
- **California State University, Los Angeles**
Anthropology B.A.
- **California State University, Monterey Bay**
Social and Behavioral Sciences B.A. – Anthropology
Concentration

- **California State University, Northridge**
Anthropology B.A.
- **California State University, San Bernardino**
Anthropology B.A.
- **California State University San Marcos**
Anthropology
- **Humboldt State University**
Anthropology
- **San Diego State University**
Anthropology
- **San Francisco State University**
Anthropology B.A.
- **San José State University**
Anthropology B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Mills College**
B.A. Anthropology and Sociology

General education requirements for the University of California, California State University, and other local universities are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/articulation).

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

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

- **University of California, Davis**
Art Studio A.B.

- **University of California, Irvine**
Art B.A.
- **University of California, Los Angeles**
Art B.A.
Design/Media Arts B.A.
- **University of California, Riverside**
Art B.A.
- **University of California, Santa Barbara**
Art B.A.
Art B.A. – Creative Studies Program
- **University of California, Santa Cruz**
Art B.A.
Art B.A. – Studio Art
- **California State Polytechnic University, Pomona**
B.F.A. Fine Arts
- **California State University Channel Islands**
Art B.A. – Studio Art Option
- **California State University, Chico**
Art B.A. – Art Studio Option
Art B.F.A. – Art Studio Option
- **California State University, Dominguez Hills**
Art B.A. – Studio Art Option
Art B.A. – Design Option
- **California State University, East Bay**
Art B.A. – Art Studio Option
Art B.A. – Pictorial Arts Option (Drawing/Painting/Printmaking)
Art B.A. – Spatial Arts Option (Ceramics/Sculpture)
Art B.F.A. – Traditional Arts Option
- **California State University, Fullerton**
Art B.A. – General Studio Art Concentration
Art B.F.A.
Art B.F.A. – Drawing and Painting Concentration
Art B.F.A. – Sculpture Concentration
Art B.F.A. – Ceramics Concentration
Art B.F.A. – Crafts Concentration
Art B.F.A. – Illustration Concentration
- **California State University, Long Beach**
Art B.A. – Art Education Option
Art B.F.A. – 3D Media Option
Art B.F.A. – Art Photography Option
Art B.F.A. – Ceramics Option
Art B.F.A. – Drawing and Painting Option
Art B.F.A. – Illustration Option
Art B.F.A. – Printmaking Option
Art B.F.A. – Sculpture Option
Art B.F.A. – Studio Art option
Design B.A.
- **California State University, Los Angeles**
Art B.A.
Art B.A. – Animation option
Art B.A. – Art Education option
Art B.A. – Fashion and Textiles option
Art B.A. – Graphic Design/Visual Communication Option
Art B.A. – Studio Arts Option
- **California State University, Northridge**
Art B.A.

Art B.A. – Animation Concentration
 Art B.A. – Art Education Concentration
 Art B.A. – Art History Concentration
 Art B.A. – Ceramics Concentration
 Art B.A. – Drawing Concentration
 Art B.A. – Graphic Design Concentration
 Art B.A. – Illustration Concentration
 Art B.A. – Interdisciplinary Concentration
 Art B.A. – Painting Concentration
 Art B.A. – Photo/Video Concentration
 Art B.A. – Printmaking Concentration
 Art B.A. – Sculpture Concentration

- **California State University, Sacramento**
 Art – Art Studio Concentration
- **California State University, San Bernardino**
 Art B.A. Plan I – Art Education
 Art B.A. Plan II – Studio Art
 Art B.A. Plan III – Art History
 Art B.A. Plan IV – Graphic Design
 Art B.A. Plan V – Graphic Design and Marketing
- **Humboldt State University,**
 Art Education
 Art History Concentration
 Art Studio Concentration
- **San Diego State University,**
 Art – Applied Design Emphasis
 Art – Art History Emphasis
 Art – Graphic Design Emphasis
 Art – Interior Design Emphasis
 Art – Multimedia Emphasis
 Art – Painting and Printmaking Emphasis
 Art – Sculpture Emphasis
 Art – Single Subject Teaching Credential
 Art – Studio Arts Emphasis
- **San Francisco State University,**
 Art B.A.
 Art B.A. – Art History and Studio Art Concentration
- **San José State University,**
 Art B.A. – Art History and Visual Cultural Concentration
 Art B.A. – Design Studies Concentration
 Art B.A. – Studio Practice Concentration
 Art B.A. – Studio Practice, Preparation and Teaching Concentration
 Art B.F.A. – Animation/Illustration Concentration
 Art B.F.A. – Digital Media Art Concentration
 Art B.F.A. – Photography Concentration
 Art B.F.A. – Pictorial Art Concentration
 Art B.F.A. – Special Art Concentration

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University, San Francisco**
 B.F.A. Fine Arts and Art Studies
- **Arizona State University**
 Art Studies
- **Art Center College of Design**
 B.F.A. Advertising
 B.S. Environmental Design

B.F.A. Film
 B.F.A. Fine Arts
 B.F.A. Graphic Design
 B.F.A. Illustration
 B.F.A. Photography
 B.F.A. Product Design
 B.S. Transportation Design:

- **California College of The Arts**
 Ceramics, Community Arts, Glass, Illustration, Jewelry/
 Metal Arts, Painting/Drawing, Printmaking, Sculpture
- **Loyola Marymount University**
 B.A. Art History
Other concentrations offered:
 Fine Arts, Ceramics; Fine Arts, Drawing/Painting; Fine
 Arts, Photography; Fine Arts, Printmaking; Graphic
 Arts; Multimedia Arts, Image; Multimedia Arts,
 Motion; Multimedia Arts, Sound; Multimedia Arts,
 Text

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 www.smc.edu/articulation).

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Art (24 units)

Program Learning Outcomes: Upon completion of the program in Art, 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 two core courses from the following: (6 units)

Art History 1, Western Art History I (3) (*formerly Art 1*)
 Art History 2, Western Art History II (3) (*formerly Art 2*)
 Art History 3, Western Art History III (3) (*formerly Art 8*)
 Art History 5, Latin American Art History 1 (3)
 Art History 6, Latin American Art History 2 (3)
 Art History 15, Mexican Art History (3) (*formerly Art 9*)
 Art History 17, Arts of Asia – Prehistory to 1900 (3)
 (*formerly Art 5*)
 Art History 18, Introduction to African Art History (3)
 Art History 72, American Art History (3) (*formerly Art 72*)

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 one foundation course from the following: (3 units)

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

SMC ART DEPARTMENT RECOMMENDED COURSES FOR TRANSFER CONSIDERATION AND PORTFOLIO DEVELOPMENT

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

Core Courses: (12 units required)

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

Select two additional courses from the following:

- Art History 1, Western Art History I (3) *(formerly Art 1)*
- Art History 2, Western Art History II (3) *(formerly Art 2)*
- Art History 3, Western Art History III (3) *(formerly Art 8)*
- Art History 15, Mexican Art History (3) *(formerly Art 9)*
- Art History 17, Arts of Asia – Prehistory to 1900 (3) *(formerly Art 5)*
- Art History 18, Introduction to African Art History (3)
- Art History 72, American Art History (3) *(formerly Art 72)*

Foundation Courses: (12 units required) (it is strongly recommended that the foundation courses be taken after completion of core courses):

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

Select one foundation course from the following:

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

Elective Areas of Specialization

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 and 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)
- Photography 1, Introduction to Photography (3)
- Photography 2, Basic Photo Lab Techniques (3)

Printmaking Emphasis:

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

Select one additional course from the following:

- Art History 3, Western Art History III (3) *(formerly Art 8)*
- Art History 52, History of Photography (3) *(formerly Art 73) (same as Photography 52)*
- Art History 72, American Art History (3) *(formerly Art 72)*

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)

It is possible for a student to be admitted to a university based on academics, but not into the institution's Art Major Program, unless a student submits a portfolio with evidence of individual style and concepts.

It is highly recommended that students follow the "Recommended Course of Study for Transfer Consideration and Portfolio Development" with Elective Areas of Specialization prepared by the SMC Art Department, which is available in the Transfer/Counseling Center, the Art Department, and online (go to at www.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.

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, private, and international institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
History of Art B.A.
- **University of California, Davis**
Art History A.B.
- **University of California, Irvine**
Art History B.A.
- **University of California, Los Angeles**
Art History B.A.
- **University of California, Riverside**
Art History B.A.
Art History/Administrative Studies B.A.
Art History/Religious Studies B.A.
- **University of California, Santa Barbara**
Art B.A. – Studio Art
Art B.A. – Art History
- **University of California, Santa Cruz**
Art B.A. – Art History
History of Art and Visual Culture B.A.
- **California State Polytechnic University, Pomona**
Art History B.A.
- **California State University Channel Islands**
Art B.A. – Art History Option
- **California State University, Dominguez Hills**
Art B.A. – Art History Option
- **California State University, East Bay**
Art B.A. – Art History Option
- **California State University, Fullerton**
Art B.A. – Art History Option

- **California State University, Long Beach**
Art B.A. – Art History Option
- **California State University, Los Angeles**
Art B.A. – Art History option
- **California State University, Northridge**
Art B.A. – Art History Option
- **California State University, Sacramento**
Art – Art History Concentration
- **California State University, San Bernardino**
Art B.A. Plan III – Art History
- **Humboldt State University**
Art – History Concentration
- **San Diego State University**
Art – Art History Emphasis
- **San Francisco State University**
Art B.A.
Art B.A. – Art History Concentration
Art B.A. – Art History and Studio Art Concentration
- **San José State University**
Art B.A. – Art History and Visual Culture Concentration

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University, San Francisco**
B.F.A. Fine Arts and Art Studies
- **American University of Paris, France**
Arts History
Art History Visual Cultural Track
- **Arizona State University**
B.A. Art (Art History)
B.A. Art (Art Studies)
B.A. Art (Museum Studies)
- **John Cabot University, Rome, Italy**
Art History
This university is US regionally accredited.
See www.smc.edu/articulation for general education admission requirements.
- **Loyola Marymount University**
B.A. Art History

General education requirements are listed on a separate sheet available in the Transfer/Counseling Center, as well as online (go to www.smc.edu/articulation).

Art History – Associate in Arts for Transfer (AA-T) to CSU

Upon completion of the Santa Monica College AA-T in Art History, 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 art history or similar major for many campuses in the California State University system. This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440).

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AA-T in Art History.**

ASSOCIATE DEGREE IN ART HISTORY FOR TRANSFER TO CSU

The AA-T in Art History is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required for transfer to the CSU system:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information. (Please note: Nonresident and international students are required to have a minimum GPA of 2.4 for admission.)
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or better.

Art History (18 units)

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.

Required Core Courses: (9 units)

- Art 20A, Design I (3)
- Art History 1, Western Art History I (3) *(formerly Art 1)*
- Art History 2, Western Art History II (3) *(formerly Art 2)*

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

- Art History 5, Latin American Art History 1 (3)
- Art History 6, Latin American Art History 2 (3)
- Art History 15, Mexican Art History (3) *(formerly Art 9)*
- Art History 17, Art of Asia - Prehistory to 1900 (3) *(formerly Art 5)*
- Art History 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 one 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)
- Photography 1, Introduction to Photography (3)

LIST C: Select one course from the following: (3-5 units)

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

- Art History 3 *(formerly Art 8)*, 21 *(formerly Art 6)*, 22 *(formerly Art 7)*, 52 *(formerly Art 73)* *(same as Photography 52)*, 71 *(formerly Art 71)*, 72 *(formerly Art 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.

In addition students may complete either the CSU GE Breadth or IGETC pattern general education requirements and a total of 60 units with a minimum grade point average of 2.0.

All major/area of emphasis courses must be completed with a grade of C or higher.

TRANSFER

Upon completion of Santa Monica College Associate in Arts in Art History for Transfer (AA-T) degree, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California State Polytechnic University, Pomona**
B.A. Art – Art History
- **California State University, Bakersfield**
B.A. Art – Art History
- **California State University Channel Islands**
B.A. Art – Art History
- **California State University, Chico**
B.A. Art – Art History
- **California State University, Dominguez Hills**
B.A. Art – Art History
B.A. Art – Design
- **California State University, East Bay**
B.A. Art – Art History
- **California State University, Fresno**
B.A. Art
- **California State University, Fullerton**
B.A. Art – Art History
- **California State University, Long Beach**
B.A. Art – Art History
- **California State University, Los Angeles**
B.A. Art – Art History
- **California State University, Monterey Bay**
B.A. Visual and Public Art – General
- **California State University, Northridge**
B.A. Art – General
- **California State University, Sacramento**
B.A. Art – Art History
- **California State University, San Bernardino**
B.A. Art – Art History
- **California State University San Marcos**
B.A. Visual and Performing Arts – Visual Arts
- **California State University, Stanislaus**
B.A. Art – Art History
- **Humboldt State University**
B.A. Art – Art History
- **San Diego State University**
B.A. Art – Art History
- **San Francisco State University**
B.A. Art – Art History
B.A. Art – Art History and Studio Art
- **San José State University**
B.A. Art – Art History and Visual Culture
- **Sonoma State University**
B.A. Art History – General

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
B.S. Astrophysics
B.A. Earth and Planetary Science, Planetary Science Track
B.A. Earth and Planetary Science, Environmental Earth and Marine Science Track
- **California State University, Northridge**
B.S. in Physics with an Astrophysics option

Athletic Coaching

See *Kinesiology/Physical Education*

Automotive Technician

The Department Certificate in Automotive is offered through the Business Department.

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete the Department Certificate.

Automotive Technician (12 units)

Santa Monica College offers a 9-unit program to quickly prepare students for careers in the automotive maintenance field. Students who complete this certificate may seek immediate employment in the automotive industry, or they may elect to transfer their courses directly into NATEF-certified programs at other colleges, such as Cerritos College or Rio Hondo College.

Students must petition the Business Department to obtain a Department Certificate in Introductory Automotive Technician.

Required Courses: (9 units)

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.

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, wild life 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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

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.

- **University of California, Berkeley**

Integrative Biology B.A.

Molecular and Cell Biology B.A.

Bioengineering B.S.

Chemical Biology B.S.

Molecular Environmental Biology B.S.

- **University of California, Davis**

Biological Sciences A.B.

Biochemical Engineering B.S.

Biochemistry and Molecular Biology B.S.
Biological Sciences B.S.
Biological Systems Engineering B.S.
Biomedical Engineering B.S.
Biotechnology B.S.
Cell Biology B.S.
Global Disease Biology B.S.
Psychology B.S. – Biology
Wildlife, Fish and Conservation Biology B.S.

- **University of California, Irvine**

Biochemistry and Molecular Biology B.S.

Biological Sciences B.S.

Biology/Education B.S.

Biomedical Engineering B.S.

Biomedical Engineering B.S. – Pre-Medical

Developmental and Cell Biology B.S.

Ecology and Evolutionary Biology B.S.

- **University of California, Los Angeles**

Human Biology and Society B.A.

Biochemistry B.S.

Bioengineering B.S.

Biology B.S.

Biophysics B.S.

Computational and Systems Biology B.S.

Human Biology and Society B.S.

Marine Biology B.S.

Microbiology, Immunology, and Molecular Genetics B.S.

Molecular, Cell, and Developmental Biology B.S.

Physiological Science B.S.

- **University of California, Merced**

Bioengineering B.S.

Biological Sciences B.S.

- **University of California, Riverside**

Biochemistry B.A.

Biology B.A.

Cell, Molecular and Developmental Biology B.A.

Plant Biology B.A.

Bioengineering B.S.

Biochemistry B.S.

Bioengineering B.S.

Biology B.S.

Cell, Molecular and Developmental Biology B.S.

Microbiology B.S.

Plant Biology B.S.

- **University of California, San Diego**

Anthropology B.A. – Biological Anthropology
Concentration

Bioengineering B.S.

Bioengineering B.S. – Bioinformatics

Bioengineering B.S. – BioSystems

Bioengineering B.S. – Biotechnology

Biology B.S. – Bioinformatics Specialization

Biology B.S. – Biochemistry and Cell Biology

Biology B.S. – Ecology, Behavior, and Evolution

Biology B.S. – General Biology

Biology B.S. – Human Biology

Biology B.S. – Microbiology

Biology B.S. – Molecular Biology

Biology B.S. – Physiology and Neuroscience

Chemistry and Biochemistry B.S. – Bioinformatics

- Chemistry and Biochemistry B.S. – Biochemistry/
Chemistry
- Chemistry and Biochemistry B.S. – Chemistry Education
- Chemistry and Biochemistry B.S. – Chemical Physics
- Chemistry and Biochemistry B.S. – Chemistry
- Chemistry and Biochemistry B.S. – Environmental
Chemistry
- Chemistry and Biochemistry B.S. – Molecular Synthesis
- Chemistry and Biochemistry B.S. – Pharmacological
Chemistry
- Computer Science B.S. – Bioinformatics Specialization
- Physics B.S. – Biophysics Specialization
- **University of California, Santa Barbara**
 - Anthropology B.A. – Biological Emphasis
 - Biological Sciences B.A.
 - Biology B.A.
 - Aquatic Biology B.S.
 - Biochemistry B.S.
 - Biochemistry B.S. – Molecular Biology
 - Biology B.S.
 - Biological Sciences B.S.
 - Biopsychology B.S.
 - Cell and Developmental Biology B.S.
 - Ecology and Evolution B.S.
 - Microbiology B.S.
 - Pharmacology B.S.
 - Physiology B.S.
 - Zoology B.S.
 - **University of California, Santa Cruz**
 - Biology B.A.
 - Biology B.A. – Bioeducation Concentration
 - Environmental Studies/Biology Combined B.A.
 - Biochemistry and Molecular Biology B.S.
 - Bioengineering B.S.
 - Bioinformatics B.S.
 - Biology B.S.
 - Human Biology B.S.
 - Marine Biology B.S.
 - Molecular, Cellular, and Developmental Biology B.S.
 - **California Polytechnic State University, San Luis Obispo**
 - Biochemistry B.S.
 - Biological Sciences B.S.
 - Biological Sciences B.S. – Anatomy and Physiology
Concentration
 - Biological Sciences B.S. – Ecology Concentration
 - Biological Sciences B.S. – Field and Wildlife Biology
Concentration
 - Biological Sciences B.S. – General Biology Concentration
 - Biological Sciences B.S. – Marine Biology and
Conservation Concentration
 - Biological Sciences B.S. – Molecular and Cellular Biology
Concentration
 - Biomedical Engineering B.S.
 - BioResource and Agricultural Engineering B.S.
 - Microbiology B.S.
 - **California State Polytechnic University, Pomona**
 - Biochemistry B.S.
 - Biology B.S. – Botany
 - Biology B.S. – General Biology
 - Biology B.S. – Microbiology
 - Biology B.S. – Zoology
 - Biotechnology B.S.
 - Chemistry B.S. – Biochemistry
 - Environmental Biology B.S.
 - **California State University Channel Islands**
 - Biology B.A.
 - Biology B.S.
 - **California State University, Chico**
 - Biochemistry B.A.
 - Biological Sciences B.A.
 - Natural Sciences B.A. – General Biology Option
 - Natural Sciences B.A. – Human Biology Option
 - Biochemistry B.S.
 - Biological Sciences B.S. – Cellular and Molecular Option
 - Biological Sciences B.S. – Ecological, Evolutionary,
Organismal Option
 - Biological Sciences B.S. – Plant Biology Option
 - Microbiology B.S. – Clinical Laboratory Science Option
 - Microbiology B.S. – General Microbiology Option
 - **California State University, Dominguez Hills**
 - Biology B.A.
 - Biochemistry B.S.
 - Biology B.S.
 - **California State University, East Bay**
 - Biochemistry B.A.
 - Biochemistry B.A. – Chemistry Education Option
 - Biological Science B.A. – Biology Education Option
 - Biological Science B.A. – General Biology Option
 - Biochemistry B.S.
 - Biological Science B.S. – Cell and Molecular Biology
Option
 - Biological Science B.S. – Ecology and Conservation
Biology Option
 - Biological Science B.S. – Forensic Science Option
 - Biological Science B.S. – General Biology Option
 - Biological Science B.S. – Microbiology/Biomedical Lab
Sciences Option
 - Biological Science B.S. – Physiology Option
 - **California State University, Fullerton**
 - Biochemistry B.S.
 - Biological Science B.S.
 - Biological Science B.S. – Cell and Developmental Biology
Concentration
 - Biological Science B.S. – Ecology and Evolutionary
Biology Concentration
 - Biological Science B.S. – Marine Biology Concentration
 - Biological Science B.S. – Molecular Biology and
Biotechnology Concentration
 - **California State University, Long Beach**
 - Biochemistry B.S.
 - Biology B.S. – General
 - Biology B.S. – Biology Education Option
 - Biology B.S. – Molecular Cell Biology and Physiology
Option
 - Biology B.S. – Organismal Biology Option
 - Marine Biology B.S.
 - Microbiology B.S.

- **California State University, Los Angeles**
Biochemistry B.S.
Biology B.S.
Microbiology B.S.
Natural Science B.S.
- **California State University, Monterey Bay**
Biology B.S. – Ecology, Evolution and Organismal
Biology Concentration
Biology B.S. – Molecular Biology Concentration
Biology B.S. – Teacher Preparation Concentration
- **California State University, Northridge**
Biology B.A.
Biology B.S.
Biology B.S. – Option I: Cell and Molecular Biology
Option
Biology B.S. – Option II: Ecology and Environmental
Biology Option
Biology B.S. – Option III: Marine Biology Option
Biology B.S. – Option IV: Biotechnology/Medical
Technology Option
Biology B.S. – Option V: Microbiology Option
- **California State University, Sacramento**
Biological Sciences B.A.
Biological Sciences B.S. – General
Biological Sciences B.S. – Biomedical Sciences
Biological Sciences B.S. – Cell and Molecular Biology
Biological Sciences B.S. – Clinical Lab Science
Biological Sciences B.S. – Eco, Evolution and
Conservatory
Biological Sciences B.S. – Forensic Biology
Biological Sciences B.S. – Microbiology
- **California State University, San Bernardino**
Biology B.A.
Chemistry B.A. – Biochemistry Option
Bioinformatics B.S.
Biology B.S.
Chemistry B.S. – Biochemistry Option
- **California State University San Marcos**
Biochemistry
Biological Sciences
Biotechnology
- **Humboldt State University**
Biology – Cellular/Molecular
Biology – Ecology and Biodiversity
Biology – Environmental
Biology – General
Biology – Marine
Biology – Microbiology
Biology – Science Education
Zoology
- **San Diego State University**
Biology
Chemistry – Biochemistry Emphasis
Mechanical Engineering – Bioengineering Emphasis
Microbiology
- **San Francisco State University**
Biology B.A.– General
Biochemistry B.S.
Biology B.S. – Botany Concentration

Biology B.S. – Cell and Molecular Biology Concentration
Biology B.S. – Ecology Concentration
Biology B.S. – Marine Biology and Limnology
Concentration
Biology B.S. – Microbiology Concentration
Biology B.S. – Physiology Concentration
Biology B.S. – Zoology Concentration

- **San José State University**
Biological Science B.A.
Biological Science B.A. – Preparation for Teaching
Biological Science B.S. – Ecology and Evolution
Concentration
Biological Science B.S. – Marine Biology Concentration
Biological Science B.S. – Microbiology Concentration
Biological Science B.S. – Molecular Biology Concentration
Chemistry B.S. – Biochemistry Concentration
Engineering B.S. – Biomedical Engineering
Forensic Science B.S. – Biology Concentration

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
B.A. Biology
B.S. Biology
B.S. Biochemistry
B.S. Natural Science, Pre-Physical/Occupational Therapy
emphasis
- **Mills College**
Biology
Biochemistry/Molecular Biology
Biopsychology
- **Mount Saint Mary's College**
Biological Sciences with emphasis in Pre-Physical Therapy

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 www.smc.edu/articulation).

Broadcasting

This program teaches students the methods and techniques by which radio and television news programs are produced and delivered and prepares students to be professional broadcasters. Included is instruction in the principles of broadcast technology; program design and production; broadcast editing; and on- and off-camera procedures and techniques. Careers in the field include broadcast technician, disc jockey, movie-TV camera operator, radio producer, TV-radio station manager, and video jockey.

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

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer college.

For other related Broadcasting degrees, see the Entertainment Promotion Marketing Production major.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **California State University, Riverside**
Media and Cultural Studies B.A.
- **California State University, Santa Cruz**
Film and Digital Media B.A.
Film and Digital Media B.A. – Production Concentration
Film and Digital Media B.A. – Critical Studies Concentration
Film and Digital Media B.A. – Integrated Critical Practice Concentration
- **California Polytechnic State University, San Luis Obispo**
Journalism B.S.
Journalism B.S. – Public Relations Track
- **California State Polytechnic University, Pomona**
Communication B.S. – Journalism
- **California State University, Chico**
Journalism B.A. – News Option
Journalism B.A. – Public Relations Option
- **California State University, Fullerton**
Communications B.A. – Journalism Concentration
- **California State University, Los Angeles**
Television, Film and Media Studies B.A.
Television, Film and Media Studies B.A. – Broadcast Journalism Option
Television, Film and Media Studies B.A. – Television and Film Option
- **California State University, Northridge**
Journalism B.A.
- **California State University San Marcos**
Mass Media
- **San Diego State University**
Journalism
Journalism – Emphasis in Advertising
Journalism – Emphasis in Media Studies
Journalism – Emphasis in Public Relations
Television, Film and New Media – Emphasis in Critical Studies
Television, Film and New Media – Emphasis in Production
- **San Francisco State University**
Broadcast and Electronic Communication Arts B.A.
- **San José State University**
Journalism and Mass Communication B.S. – Advertising
Journalism and Mass Communication B.S. – Management Option
Journalism and Mass Communication B.S. – Creative Option

Journalism and Mass Communication B.S. – Journalism
Journalism and Mass Communication B.S. – Public Relations

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **University of Gloucester, United Kingdom**
B.A. Broadcasting
- **University of Southern California (USC)**
The Annenberg School of Journalism offers Bachelor of Arts degrees in Print Journalism, Broadcast Journalism, and Public Relations.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Broadcast Programming and Production (20 units)

Program Learning Outcomes: Upon completion of the Broadcasting 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 Studies 1, Survey of Mass Media Communications (3) *(formerly Communication 1)*
- Media Studies 11, Introduction to Broadcasting (3) *(formerly Broadcasting 1)*
- Media Studies 12, Broadcasting Programming and Management (3) *(formerly Broadcasting 2)*
- Media Studies 13, Broadcasting Announcing and Production (3) *(formerly Broadcasting 3A)*
- Media Studies 14, Newscasting and Newswriting (3) *(formerly Broadcasting 4A)*

The following courses are highly recommended; students must select at least 5 units from the following list:

- Media Studies 2, Reading Media: Acquiring Media Literacy Skills (3) *(formerly Communication 2)*
- Media Studies 15, Advanced Broadcasting Newscasting and Newswriting (3) (same as Journalism 4B) *(formerly Broadcasting 4B)*
- Media Studies 16, Sportscasting Fall Sports (3) *(formerly Broadcasting 5A)*
- Media Studies 17, Sportscasting Spring Sports (3) *(formerly Broadcasting 5B)*

Media Studies 18, Broadcast Advertising (3) (*formerly Broadcasting 8*) (*same as Business 33*)
 Media Studies 19, Broadcasting Workshop (3) (*formerly Broadcasting 9*)
 Media Studies 20, Introduction to Writing and Producing Short Form Media (3) (*formerly Broadcasting 20*)
 Media Studies 21, Short Form Visual Media Production (3) (*formerly Broadcasting 21*)
 Media Studies 46, Television Production (3) (*formerly Broadcasting 46*)
 Media Studies 48, Television Field Production Workshop (3) (*formerly Broadcasting 48*)
 Media Studies 90A, Internship (1) (*formerly Broadcasting 90A*)
 Media Studies 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 www.smc.edu/articulation).

Broadcast Sales and Management (21 units)

Program Learning Outcomes: Upon completion of the Broadcasting 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)

Business 23, Principles of Selling (3)
 Media Studies 1, Survey of Mass Media Communications (3) (*formerly Communication 1*)
 Media Studies 11, Introduction to Broadcasting (3) (*formerly Broadcasting 1*)
 Media Studies 12, Broadcasting Programming and Management (3) (*formerly Broadcasting 2*)
 Media Studies 13, Broadcasting Announcing and Production (3) (*formerly Broadcasting 3A*)
 Media Studies 18, Broadcast Advertising (3) (*formerly Broadcasting 8*) (*same as Business 33*)

The following courses are highly recommended; students must select at least three units from the following list:

Business 1, Introduction to Business (3)
 Business 24, Creative Selling (3)
 Business 27, Introduction to E-Commerce (3) (*same as CIS 27*)
 Business 63, Principles of Entrepreneurship (3)
 Media Studies 2, Reading Media: Acquiring Media Literacy Skills (3) (*formerly Communication 2*)
 Media Studies 20, Introduction to Writing and Producing Short Form Media (3) (*formerly Broadcasting 20*)
 Media Studies 21, Short Form Visual Media Production (3) (*formerly Broadcasting 21*)
 Media Studies 90A, Internship (1) (*formerly Broadcasting 90A*)

Media Studies 90B, Internship (2) (*formerly Broadcasting 90B*)

Students completing the Associate degree major requirements in either Broadcast Programming and Production or Broadcast Sales and Management may wish to select additional courses from this recommended list:

Communication Studies 12, Persuasion (3) (*formerly Speech 2*)
 Humanities 88A, Independent Studies in Humanities (1)
 Humanities 88B, Independent Studies in Humanities (2)
 Journalism 1, The News (3)
 Journalism 2, Newswriting and Reporting (3)
 Journalism 43, Public Relations and Publicity (3) (*same as Business 29*)
 Media Studies 2, Reading Media: Acquiring Media Literacy Skills (3) (*formerly Communication 2*)
 Media Studies 46, Television Production (3) (*formerly Broadcasting 46*)
 Media Studies 48, Television Field Production Workshop (3) (*formerly Broadcasting 48*)
 Theatre Arts 24, Stage Sound (1)
 Theatre Arts 41, Acting I (3)
 Theatre Arts 42, Acting II (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 www.smc.edu/articulation).

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Broadcast Programming and Production (20 units)

A Certificate of Achievement is granted upon completion of the 20 required units listed under the Broadcast Programming and Production Associate degree.

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

Broadcast Sales and Management (21 units)

A Certificate of Achievement is granted upon completion of the 21 required units listed under the Broadcast Sales and Management Associate degree.

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

Entertainment Promotion and Marketing Production

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.

For other related Broadcasting degrees, see the Broadcasting major.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Entertainment Promotion and Marketing Production (24 units)

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)

- Business 20, Principles of Marketing (3)
- Entertainment Technology 11, Computer Skills for Digital Media (3)
- or**
- Graphic Design 18, Introduction to Design Applications (3)
- Entertainment Technology 31A, Digital Video Fundamentals (3)
- Entertainment Technology 31B, Digital Video Editing (3)
- Media Studies 20, Introduction to Writing Producing Short-form Media (3) (formerly Broadcasting 20)
- Media Studies 21, Short-form Visual Media Production (3) (formerly Broadcasting 21)

Restricted Electives: (6 units)

- Business 26, Marketing Research and Consumer Behavior (3)
- Business 34, Introduction to Social Media Marketing (3)
- Communication Studies 12, Persuasion (3)

- Counseling 16, Job Success Skills (1)
- Entertainment Technology 3, Principles of Project Management (3)
- Entertainment Technology 40, Digital Audio Fundamentals (3)
- Entertainment Technology 41, Digital Audio Editing (3)
- Entertainment Technology 37, Digital Imaging for Design I (3) (*same as Graphic Design 64*)
- Entertainment Technology 72, Career Development (2)
- Graphic Design 71, Motion Graphics 1 (3)
- Journalism 43, Public Relations and Publicity (3) (*same as Business 29*)
- Media Studies 2, Reading Media Acquiring Media Literacy Skills (3) (formerly Communication 2)
- Media Studies 11, Introduction to Broadcasting (3) (formerly Broadcasting 1)
- Media Studies 13, Broadcasting Announcing and Production (3) (formerly Broadcasting 3A)
- Media Studies 18, Broadcast Advertising (3) (formerly Broadcasting 8)
- Media Studies 19, Broadcasting Workshop (3) (formerly Broadcasting 9)
- Media Studies 90A, Broadcasting Internship (1)
- Media Studies 90B, Broadcasting Internship (2) (formerly Broadcasting 90B)

Additional 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 www.smc.edu/articulation).

CERTIFICATE OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Entertainment Promotion and Marketing Production (24 units)

A Certificate of Achievement in Entertainment Promotion and Marketing Production will be granted upon completion of the major requirements listed above.

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

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, private, and international institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Business Administration B.S.
Undeclared – Pre-Business Administration
- **University of California, Irvine**
Business Administration B.A.
- **University of California, Merced**
Management B.S.
- **University of California, Riverside**
Business Administration B.S.
- **University of California, Santa Cruz**
Business Management Economics B.A.
- **California Maritime Academy**
Business Administration B.S.
Business Administration B.S. – Logistics and International Business Option
Business Administration B.S. – Management Option
Business Administration B.S. – Transportation Option
- **California Polytechnic State University, San Luis Obispo**
Business Administration B.S.
Business Administration B.S. – Accounting Concentration
Business Administration B.S. – Consumer Packaging Solutions Concentration
Business Administration B.S. – Entrepreneurship Concentration
Business Administration B.S. – Finance Management Concentration
Business Administration B.S. – Information Systems Concentration
Business Administration B.S. – Marketing Management Concentration
Business Administration B.S. – Management and Human Resources Concentration
- **California State Polytechnic University, Pomona**
Business Administration B.S. – Accounting Option
Business Administration B.S. – Computer Information Systems Option
Business Administration B.S. – eBusiness Option
Business Administration B.S. – Finance, Real Estate and Law Option
Business Administration B.S. – International Business Option
Business Administration B.S. – Management and Human Resources Option

Business Administration B.S. – Marketing Management Option

Business Administration B.S. – Technology and Operations Management Option

- **California State University, Bakersfield**
Business Administration B.A.
- **California State University Channel Islands**
Business B.S.
Business B.S. – Entrepreneurship Option
Business B.S. – Finance Option
Business B.S. – Global Business Option
Business B.S. – Management Option
Business B.S. – Marketing Option
Business Administration B.S.
- **California State University, Chico**
Business Administration B.S.
Business Administration B.S. – Accounting Option
Business Administration B.S. – Finance Option
Business Administration B.S. – Human Resources Management Option
Business Administration B.S. – Management Option
Business Administration B.S. – Marketing Option
Business Information Systems B.S. – Management Information Systems Option
- **California State University, Dominguez Hills**
Business Administration B.S. – Accounting Concentration
Business Administration B.S. – Information Systems Concentration
Business Administration B.S. – Entrepreneurship Concentration
Business Administration B.S. – Finance Concentration
Business Administration B.S. – General Business Concentration
Business Administration B.S. – Global Logistics and Supply Chain Management Concentration
Business Administration B.S. – Information Systems Security Concentration
Business Administration B.S. – International Business Concentration
Business Administration B.S. – Management and Human Resources Concentration
Business Administration B.S. – Marketing Concentration
Business Administration B.S. – Sports, Entertainment and Hospitality Concentration
- **California State University, East Bay**
Business Administration B.S. – Accounting Option
Business Administration B.S. – Advertising and Public Relations Option
Business Administration B.S. – Business Economics Option
Business Administration B.S. – Corporate Management Option
Business Administration B.S. – Entrepreneurship Option
Business Administration B.S. – Finance Option
Business Administration B.S. – Human Resources Management Option
Business Administration B.S. – Information Technology Management Option
Business Administration B.S. – Marketing Management Option

Business Administration B.S. – Operations and Enterprise Resource Management Option
 Business Administration B.S. – Real Estate Management Option
 Business Administration B.S. – Supply Chain Management Option

• **California State University, Fresno**

Business Administration B.S. – Accountancy Option
 Business Administration B.S. – Computer Information Systems Option
 Business Administration B.S. – Entrepreneurship Option
 Business Administration B.S. – Finance Option – General Finance Track
 Business Administration B.S. – Human Resources Management Option
 Business Administration B.S. – International Business Option
 Business Administration B.S. – Management Option – Organizational Leadership Track
 Business Administration B.S. – Management Option – Prod/Logistics Management Track
 Business Administration B.S. – Management Option – Special Management Apps. Track
 Business Administration B.S. – Marketing Option
 Business Administration B.S. – Real Estate and Urban Economics Option
 Business Administration B.S. – Sports Marketing Option

• **California State University, Fullerton**

Business Administration B.A.
 Business Administration B.A. – Accounting Concentration
 Business Administration B.A. – Business Economics Concentration
 Business Administration B.A. – Decision Sciences Concentration
 Business Administration B.A. – Entertainment and Tourism Concentration
 Business Administration B.A. – Entrepreneurship Concentration
 Business Administration B.A. – Finance Concentration
 Business Administration B.A. – Information Systems Concentration
 Business Administration B.A. – Management Concentration
 Business Administration B.A. – Marketing Concentration
 Business Administration B.A. – Marketing and Information Systems Concentration
 Business Administration B.A. – Risk Management and Insurance Concentration
 Business Administration B.A. – Accounting/Finance Joint Emphasis
 Business Administration B.A. – Accounting/Information Systems Joint Emphasis
 International Business B.A.

• **California State University, Long Beach**

Business Administration B.S.
 Business Administration B.S. – Accountancy Option
 Business Administration B.S. – Finance Option
 Business Administration B.S. – Human Resources Management Option
 Business Administration B.S. – International Business Option

Business Administration B.S. – Management Option
 Business Administration B.S. – Management Information Systems Option
 Business Administration B.S. – Marketing Option
 Business Administration B.S. – Operations and Supply Chain Management Option

• **California State University, Los Angeles**

Business Administration B.S.
 Business Administration B.S. – Accounting Option
 Business Administration B.S. – Business Arts – Prelegal Option
 Business Administration B.S. – Business Economics Option
 Business Administration B.S. – Entrepreneurship Option
 Business Administration B.S. – Finance Option
 Business Administration B.S. – Human Resource Management Option
 Business Administration B.S. – International Business Option
 Business Administration B.S. – Management Option
 Business Administration B.S. – Marketing Option
 Business Administration B.S. – Operations and Supply Chain Management
 Business Administration B.S. – Real Estate Option
 Business Administration B.S. – Retailing Option
 Business Administration B.S. – Special Business Option

• **California State University, Monterey Bay**

Business Administration B.S.
 Business Administration B.S. – Accounting Concentration
 Business Administration B.S. – Agribusiness Management Concentration
 Business Administration B.S. – Entrepreneurship/Intrapreneurship Concentration
 Business Administration B.S. – Marketing Concentration
 Business Administration B.S. – Management and International Business Concentration

• **California State University, Northridge**

Business Administration B.S. – Business Law Option
 Business Administration B.S. – Global Supply Chain Management Option
 Business Administration B.S. – Insurance and Financial Services Option
 Business Administration B.S. – Real Estate Option
 Business Administration B.S. – Systems and Operations Management Option
 Finance B.S.
 Management B.S.
 Marketing B.S.

• **California State University, Sacramento**

Business Administration B.S. – Accountancy Concentration
 Business Administration B.S. – Entrepreneurship Concentration
 Business Administration B.S. – Finance Concentration
 Business Administration B.S. – General Management Concentration
 Business Administration B.S. – Human Resources Management and Organizational Behavior Concentration

Business Administration B.S. – International Business Concentration
 Business Administration B.S. – Management Information Systems Concentration
 Business Administration B.S. – Marketing Concentration

• **California State University, San Bernardino**

Business Administration B.A.
 Business Administration B.A. – Accounting Concentration
 Business Administration B.A. – Business Economics Concentration
 Business Administration B.A. – Entrepreneurial Management Concentration
 Business Administration B.A. – Finance Concentration
 Business Administration B.A. – Human Resources Management Concentration
 Business Administration B.A. – Information Systems and Technology Concentration
 Business Administration B.A. – Management Concentration
 Business Administration B.A. – Marketing Concentration
 Business Administration B.A. – Public Administration Concentration
 Business Administration B.A. – Real Estate Concentration
 Business Administration B.A. – Sports and Entertainment Marketing Concentration
 Business Administration B.A. – Supply Chain and Transportation Management Concentration
 Business Administration B.S. – Accounting Information Systems Concentration
 Business Administration B.S. – Cyber Security Concentration
 Business Administration B.S. – Finance Concentration
 Business Administration B.S. – Finance Planning Concentration
 Business Administration B.S. – Information Systems and Technology Concentration
 Business Administration B.S. – International Business Concentration
 Business Administration B.S. – Marketing Concentration
 Business Administration B.S. – Real Estate Concentration

• **California State University San Marcos**

Business Administration B.S.
 Business Administration B.S. – Accounting Concentration
 Business Administration B.S. – Finance Concentration
 Business Administration B.S. – Global Business Management Concentration
 Business Administration B.S. – Global Supply Chain Management
 Business Administration B.S. – Hospitality Management Concentration
 Business Administration B.S. – Hotel/Resort Management Concentration
 Business Administration B.S. – Information Technology/e-Commerce Concentration
 Business Administration B.S. – Marketing Management Concentration

• **California State University, Stanislaus**

Business Administration B.S.
 Business Administration B.S. – Accounting Concentration
 Business Administration B.S. – Computer Information Systems Concentration

Business Administration B.S. – Finance Concentration
 Business Administration B.S. – General Business Concentration

Business Administration B.S. – Management Concentration – Human Resources Track

Business Administration B.S. – Management – International Business Concentration

Business Administration B.S. – Management – Strategy/Entrepreneurs Concentration

Business Administration B.S. – Marketing Concentration

Business Administration B.S. – Operations Management Concentration

• **Humboldt State University**

Business Administration B.S. – Accounting Option

Business Administration B.S. – Finance Option

Business Administration B.S. – International Business Option

Business Administration B.S. – Management Option

Business Administration B.S. – Marketing Option

• **San Diego State University**

Business Administration B.S.

Business Administration B.S. – Accounting Emphasis

Business Administration B.S. – Finance Emphasis

Business Administration B.S. – Financial Services Emphasis

Business Administration B.S. – Information Systems Emphasis

Business Administration B.S. – Integrated Marketing Communication Emphasis

Business Administration B.S. – Management Emphasis

Business Administration B.S. – Marketing Emphasis

Business Administration B.S. – Marketing Spec. in Prof. Sell and Sale Mgt. Emphasis

Business Administration B.S. – Real Estate Emphasis

• **San Francisco State University**

Business Administration B.S. – Accounting Concentration

Business Administration B.S. – Decision Sciences Concentration

Business Administration B.S. – Finance Concentration
 Business Administration B.S. – General Business Concentration

Business Administration B.S. – Information Systems Concentration

Business Administration B.S. – International Business Concentration

Business Administration B.S. – Management Concentration

Business Administration B.S. – Marketing Concentration

• **San José State University**

Business Administration B.S.

Business Administration B.S. – Accounting Information Systems Concentration

Business Administration B.S. – Accounting Concentration

Business Administration B.S. – Corporate Finance Management Concentration

Business Administration B.S. – Entrepreneurship Concentration

Business Administration B.S. – Finance Concentration

Business Administration B.S. – General Business Concentration

Business Administration B.S. – Human Resource Management Concentration
 Business Administration B.S. – International Business Concentration
 Business Administration B.S. – Management Information Systems Concentration
 Business Administration B.S. – Management Concentration
 Business Administration B.S. – Marketing Concentration

- **Sonoma State University**

Business Administration B.S.
 Business Administration B.S. – Accounting Concentration
 Business Administration B.S. – Finance Concentration
 Business Administration B.S. – General Business Concentration
 Business Administration B.S. – Management Concentration
 Business Administration B.S. – Marketing Concentration
 Business Administration B.S. – Wine Business Strategies Concentration

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University, San Francisco**
B.F.A. Advertising
- **Alliant International University**
B.S. Business Administration; International Business Administration;
Hotel and Restaurant Management
- **American University of Paris, France**
Entrepreneurship
International Business Administration
International Finance
- **Arizona State University**
B.S. Business
- **Bath Spa University, Bath, ENGLAND**
B.A. Business
See www.smc.edu/articulation for general education admission requirements.
- **Berkeley College, NYC**
B.S. Business Administration
Emphasis offered: Management; Marketing; International Business; General Business
- **John Cabot University, Rome, ITALY**
Business Administration (validated by University of Wales)
Marketing (validated by University of Wales)
This university is US regionally accredited. See www.smc.edu/articulation for general education admission requirements.
- **Kaplan University**
B.S. Business
B.S. Business – Marketing
B.S. Information Technology
B.S. Information Technology – Web Multimedia and Animation

- **Loyola Marymount University**

B.S. Business Administration
 Majors offered: Accounting; Applied Information Management Systems; Entrepreneur; Finance; Management; Marketing

- **Middlesex University, London, ENGLAND**

B.A. (HONS) International Business Administration

- **Mount Ida College**

B.S. Business Administration

- **Mount Saint Mary's College**

B.S. Business Administration

- **National University**

B.B.A. Business Administration
 B.S. Accountancy
 B.S. Information Systems

- **Pepperdine University – Seaver College**

B.S. Business Administration, Accounting, International Business

- **Pepperdine University – The Graziadio School of Business and Management**

B.S. Business Management

- **Regis University – Online Bachelor's Degree Program**

B.S. Business Administration
 B.S. Science in Finance
 B.S. Marketing
 B.S. Computer Information Systems

- **Saint Mary's College of California**

B.S. Accounting
 B.S. Business Administration

- **University of Massachusetts Lowell**

B.S. Business Administration

- **University of Otago, New Zealand**

B.S. Business Administration

- **University of Phoenix**

B.A. Business Administration
 B.S. Business Administration

- **University of Southern California (USC) – School of Business**

B.S. Business Administration

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

General education and graduation requirements for the Associate degree from Santa Monica College are listed in the Academics section of this catalog.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Business Administration – Professional (25 units)

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 page 84.

Program Learning Outcomes: Upon completion of a degree in Business Administration – Professional, 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:

Accounting 1, Principles of Accounting (5)
 Accounting 2, Principles of Accounting (5)
 Business 1, Introduction to Business (3)
 Business 5, Business Law (3)
 Economics 1, Principles of Microeconomics (3)
 Economics 2, Principles of Macroeconomics (3)
 Math 2, Precalculus (5)

or

Math 28, Calculus 1 for Business and Social Science (5)

or

Math 7, Calculus 1 (5)

or

[Math 52, Elementary Statistics (3)]

or

Math 54, Elementary Statistics (4)

Recommended Courses:

Business 20, Principles of Marketing (3)
 Business 32, Business Communications (3)
 Business 45, Individual Financial Planning (3) (*same as Accounting 45*)
 Business 62, Human Relations and Ethical Issues in Business (3)
 Business 65, Management Principles (3)
 CS 3, Introduction to Computer Systems (3)
 CIS 1, Computer Concepts with Applications (3)
or
 CIS 4, Introduction to Computers, Business Applications (3)

[] Course no longer offered

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 www.smc.edu/articulation).

Insurance Professional (31 units)*Required Courses:*

Accounting 1, Introduction to Financial Accounting (5)
 Business 1, Introduction to Business (3)
 Business 5, Business Law (3)
 Business 15, Introduction to Insurance with Code and Ethics (2)
 Business 16, Personal Insurance (3)
 Business 17, Property and Liability Insurance (3)
 Business 18, Commercial Insurance (3)
 Business 32, Business Communications (3)
 CIS 4, Introduction to Computers, Business Applications (3)
 CIS 30, Microsoft EXCEL (3) (*formerly CIS 31*)

or

Accounting 31A, Excel for Accounting (3)

Recommended Courses:

Accounting 31B, Advanced Excel for Accounting (3)
 Business 20, Principles of Marketing (3)
 Business 23, Principles of Selling (3)
 Business 24, Creative Selling (3)
 Business 90A, Business Insurance Internship (1)
 Business 90B, Business Insurance Internship (2)
 Business 90C, Business Insurance Internship (3)

Logistics/Supply Chain Management (24 units)*Required Core Courses: (9 units)*

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

Concentration Courses: (9 units)

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

Select two additional courses from the following: (6 units)

Accounting 1, Introduction to Financial Accounting (5)

or

Accounting 21, Business Bookkeeping (3)

Business 5, Business Law (3)

Business 45, Individual Financial Planning (3) (*same as Accounting 45*)

Business 50, Introduction to International Business (3)

Business 51, Intercultural Business Communication (3)

or

Communication Studies 37, Intercultural Communication (3) (*formerly Speech 7*)

Business 52, International Marketing (3)

Business 53, Importing and Exporting (3)

CIS 1, Computer Concepts with Applications (3)

or

CIS 4, Introduction to Computers, Business Applications (3) [*This CIS course is strongly recommended for students with few or no computer skills.*]

Management/Leadership (27 units)

Program Learning Outcomes: Upon completion of the program in Business Management/Leadership, 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)

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

Concentration Courses: (12-14 units)

Accounting 1, Introduction to Financial Accounting (5)

or

Accounting 21, Business Bookkeeping (3)

Business 20, Principles of Marketing (3)

Business 51, Intercultural Business Communication (3)

or

Communication Studies 37, Intercultural Communication (3) (*formerly Speech 7*)

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

Select one additional course from the following: (3 units)

Business 45, Individual Financial Planning (3) (*same as Accounting 45*)

Business 50, Introduction to International Business (3)

Business 80, Principles of Logistics (3)

Business 83, Operations Management (3)

CIS 1, Computer Concepts with Applications (3)

or

CIS 4, Introduction to Computers, Business Applications (3) [*This CIS course is strongly recommended for students with few or no computer skills.*]

Merchandising (24 units)

Program Learning Outcomes: Upon completion of the program in Merchandising, 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)

Business 1, Introduction to Business (3)

Business 20, Principles of Marketing (3)

Business 21, Merchandising Principles (3)

Business 32, Business Communications (3)

Concentration Courses: (9 units)

Business 22, Introduction to Advertising (3)

Business 23, Principles of Selling (3)

Business 25, Advertising Display (3)

Select one additional course from the following: (3 units)

Business 5, Business Law (3)

Business 26, Marketing Research and Consumer Behavior (3)

Business 27, Introduction to E-Commerce (3)

or

CIS 27, Introduction to E-Commerce (3)

Business 28, Marketing Promotion (3)

Business 45, Individual Financial Planning (3) (*same as Accounting 45*)

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

CIS 1, Computer Concepts with Applications (3)

or

CIS 4, Introduction to Computers, Business Applications (3) [*The CIS course is strongly recommended for students with few or no computer skills.*]

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Except for Insurance Specialist, each Certificate of Achievement requires two types of courses: Core and Concentration.

Except for Insurance Specialist, there are three or four Core courses in all Business Certificate of Achievement Programs.

These courses are required for all students, and should be completed before taking Concentration courses. In the Core sequence, Business 1 should be taken and completed before enrolling in other Core courses.

Entrepreneurship (24 units)

Program Learning Outcomes: Upon completion of the program in Entrepreneurship, 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: (12-14 units)

Accounting 1, Introduction to Financial Accounting (5)

or

Accounting 21, Business Bookkeeping (3)

Business 1, Introduction to Business (3)

Business 32, Business Communications (3)

Business 63, Principles of Entrepreneurship (3)

Concentration Courses: (9 units)

Business 5, Business Law (3)

Business 20, Principles of Marketing (3)

Business 65, Management Principles (3)

Select one additional course from the following: (3 units)

Business 23, Principles of Selling (3)

Business 27, Introduction to E-Commerce (3)

or

CIS 27, Introduction to E-Commerce (3)

Business 45, Individual Financial Planning (3) (*same as Accounting 45*)

Business 50, Introduction to International Business (3)

Business 53, Importing and Exporting (3)

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

Business 80, Principles of Logistics (3)

CIS 1, Computer Concepts with Applications (3)

or

CIS 4, Introduction to Computers, Business Applications (3) [*The CIS course is strongly recommended for students with few or no computer skills.*]

Insurance Professional (31 units)

A Certificate of Achievement in Insurance Professional is granted upon completion of 31 required units listed under the Insurance Professional Associate degree.

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

Insurance Specialist (12 units)

Required Courses:

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

Business 16, Personal Insurance (3)

Business 17, Property and Liability Insurance (3)

Business 18, Commercial Insurance (3)

Business 90A, Business Insurance Internship (1)

Business 90B, Business Insurance Internship (2)

Business 90C, Business Insurance Internship (3)

Recommended Courses:

- Business 1, Introduction to Business (3)
- CIS 4, Introduction to Computers, Business Applications (3)

International Business (24 units)

Program Learning Outcomes: Upon completion of the program in International Business, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business environment, and apply business principles to international trade issues in the context of global citizenship.

Required Core Courses: (9 units)

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

Concentration Courses: (9 units)

- Business 51, Intercultural Business Communication (3)

or

- Communication Studies 37, Intercultural Communication (3) (formerly Speech 7)
- Business 52, International Marketing (3)
- Business 53, Importing and Exporting (3)

Select two additional courses from the following:

- Accounting 1, Introduction to Financial Accounting (5)

or

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

or

- CIS 4, Introduction to Computers, Business Applications (3) [This CIS course is strongly recommended for students with few or no computer skills.]

Logistics/Supply Chain Management (24 units)

A Certificate of Achievement in Logistics/Supply Chain Management is granted upon completion of 24 required units listed under the Logistics/Supply Chain Management Associate degree.

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

Management/Leadership (27 units)

A Certificate of Achievement in Management/Leadership is granted upon completion of 27 required units listed under the Management/Leadership Associate degree.

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

Marketing (24 units)

Program Learning Outcomes: Upon completion of the program, students can demonstrate coherent and comprehensive analyses of business issues; identify and resolve ethical dilemmas in the domestic and global business environments; and develop an effective marketing strategy that includes a target audience and all elements of the marketing mix.

Required Core Courses: (9 units)

- Business 1, Introduction to Business (3)
- Business 20, Principles of Marketing (3)
- Business 32, Business Communications (3)

Concentration Courses: (9 units)

- Business 26, Marketing Research and Consumer Behavior (3)
- Business 34, Social and Media Marketing (3)
- Business 52, International Marketing (3)

Select two additional courses from the following: (6-8 units)

- Accounting 1, Introduction to Financial Accounting (5)

or

- Accounting 21, Business Bookkeeping (3)
- Business 5, Business Law (3)
- Business 21, Merchandising Principles (3)
- Business 22, Introduction to Advertising (3)
- Business 23, Principles of Selling (3)
- Business 25, Advertising Display (3)
- Business 27, Introduction to E-Commerce (3) (same as CIS 27)
- Business 28, Marketing Promotion (3)
- Business 29, Public Relations and Publicity (3) (same as Journalism 43)
- Business 80, Principles of Logistics (3)

Merchandising (24 units)

A Certificate of Achievement in Merchandising is granted upon completion of 24 required units listed under the Merchandising Associate degree.

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Business Entrepreneurship (12 units)*Required Courses:*

- Accounting 1, Introduction to Financial Accounting (5)

or

- Accounting 21, Business Bookkeeping (3)
- Business 5, Business Law (3)

or

- Business 32, Business Communications (3)
- Business 63, Principles of Entrepreneurship (3)

and*Select one additional course from the following:*

- Accounting 35, QuickBooks (3) (same as CIS 35)
- Business 1, Introduction to Business (3)
- Business 27, Introduction to E-Commerce (3) (same as CIS 27)

Business 65, Management Principles (3)
Business 80, Principles of Logistics (3)

Business International (12 units)

Required Courses:

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

and

Select one additional course from the following:

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

Business Logistics (12 units)

Required Courses:

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

Recommended Courses:

Business 1, Introduction to Business (3)
Business 51, Intercultural Business Communication (3)
Business 52, International Marketing (3)
Business 53, Importing and Exporting (3)

Business Management (12 units)

Required Courses:

Business 1, Introduction to Business (3)
Business 20, Principles of Marketing (3)
Business 32, Business Communications (3)
Business 65, Management Principles (3)

Additional Recommended Courses:

Accounting 1, Introduction to Financial Accounting (5)
Business 5, Business Law (3)
Business 51, Intercultural Business Communication (3)
Business 54, International Management (3)
Business 62, Human Relations and Ethical Issues in Business (3)
Business 76, Human Resources Management (3)

Business Marketing (12 units)

Required Courses:

Business 1, Introduction to Business (3)
Business 20, Principles of Marketing (3)
Business 26, Marketing Research and Consumer Behavior (3)

Select one additional course from the following:

Business 22, Introduction to Advertising (3)
Business 23, Principles of Selling (3)
Business 28, Marketing Promotion (3)
Business 52, International Marketing (3)

Business Merchandising (12 units)

Required Courses:

Business 20, Principles of Marketing (3)
Business 21, Merchandising Principles (3)
Business 25, Advertising Display (3)

Select one additional course from the following:

Business 1, Introduction to Business (3)
Business 22, Introduction to Advertising (3)
Business 23, Principles of Selling (3)

Salon Business (11 units)

Required Courses:

Accounting 21, Business Bookkeeping (3)
Business 1, Introduction to Business (3)

or

Business 20, Principles of Marketing (3)

or

Business 65, Management Principles (3)
CIS 4, Introduction to Computers, Business Applications (3)
Cosmetology 64, Salon Management (2)

Business Administration – Associate in Science for Transfer (AS-T) to CSU

Upon successful completion of the Santa Monica College AS-T in Business Administration, students 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 Business requirements at many institutions and the California State University system. This degree is intended for students who are interested in the theory of Business and are planning on transferring to a four-year university and majoring in Business.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AS-T in Business Administration.**

ASSOCIATE DEGREE IN BUSINESS ADMINISTRATION FOR TRANSFER TO CSU

The AS-T in Business Administration is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required for transfer to the CSU system:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information. (Please note: Nonresident and international students are required to have a minimum 2.4 GPA for admission.)
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR

the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Business Administration (28 units)

Program Learning Outcomes: Upon completion of a degree in Business Administration 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)

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

Select one of the following courses: (3-5 units):

Math 21, Finite Mathematics (3)
 Math 28, Calculus 1 for Business and Social Science (5)
or
 Math 7, Calculus 1 (5)
 Math 54, Elementary Statistics (4)

Select two of the following courses: (6-8 units):

Business 1, Introduction to Business (3)
or
 Business 32, Business Communication (3)
 CIS 1, Computer Concepts with Applications (3)
 An additional mathematics course from the list above (not already completed)

Please note: Some CSU campuses may require more than one mathematics course. Go to assist.org for details

TRANSFER

Upon completion of the Santa Monica College AS-T in Business Administration, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California Maritime Academy**
 B.S. Business Administration – International Business and Logistics
- **California Polytechnic State University, San Luis Obispo**
 B.S. Business Administration – Accounting
 B.S. Business Administration – Entrepreneurship
 B.S. Business Administration – Financial Management
 B.S. Business Administration – Information Systems
 B.S. Business Administration – Management
 B.S. Business Administration – Marketing Management
 B.S. Business Administration – Packaging and Logistics
- **California State Polytechnic University, Pomona**
 B.S. Business Administration – Accounting
 B.S. Business Administration – Computer Information Systems
 B.S. Business Administration – E-Business
 B.S. Business Administration – Finance, real Estate, and Law

B.S. Business Administration – International Business
 B.S. Business Administration – Management and Human Resources
 B.S. Business Administration – Marketing Management
 B.S. Business Administration – Technology and Operations Management

- **California State University, Bakersfield**

B.S. Business Administration – Accounting
 B.S. Business Administration – Agricultural Business
 B.S. Business Administration – Finance
 B.S. Business Administration – General
 B.S. Business Administration – Human Resource Management
 B.S. Business Administration – Management
 B.S. Business Administration – Management Information Systems
 B.S. Business Administration – Marketing
 B.S. Business Administration – Public Administration
 B.S. Business Administration – Small Business Management
 B.S. Business Administration – Supply Chain Logistics

- **California State University, Chico**

B.S. Business Administration – Accounting
 B.S. Business Administration – Entrepreneurship and Small Business Management
 B.S. Business Administration – Finance
 B.S. Business Administration – Human Resource Management
 B.S. Business Administration – Management
 B.S. Business Administration – Marketing

- **California State University, Dominguez Hills**

B.S. Business Administration – Accounting
 B.S. Business Administration – Entrepreneurship
 B.S. Business Administration – Finance
 B.S. Business Administration – General Business
 B.S. Business Administration – Global Logistics
 B.S. Business Administration – International Business
 B.S. Business Administration – Management and Human Resources
 B.S. Business Administration – Marketing

- **California State University, East Bay**

B.S. Business Administration – Corporate Management

- **California State University, Fresno**

B.S. Business – Accountancy
 B.S. Business – Computer Information Systems
 B.S. Business Administration – Entrepreneurship
 B.S. Business – Finance
 B.S. Business Administration – Human Resources Management
 B.S. Business Administration – International Business Option
 B.S. Business Administration – Logistics and Supply Chain Strategies
 B.S. Business – Management
 B.S. Business – Marketing
 B.S. Business Administration – Real Estate and Urban Land Economics
 B.S. Business Administration – Special Option for Business Administration

- **California State University, Fullerton**
 - B.A. Business Administration – Business Economics
 - B.A. Business Administration – Entertainment and Tourism Management
 - B.A. Business Administration – Entrepreneurship
 - B.A. Business Administration – Management
 - B.A. Business Administration – Marketing
 - B.A. Business Administration – Risk Management and Insurance
 - B.A. Economics – General
 - B.A. International Business – Chinese
 - B.A. International Business – French
 - B.A. International Business – German
 - B.A. International Business – Japanese
 - B.A. International Business – Portuguese
 - B.A. International Business – Spanish
- **California State University, Long Beach**
 - B.S. Business Administration – Accounting
 - B.S. Business Administration – Finance
 - B.S. Business Administration – Human Resource Management
 - B.S. Business Administration – International Business
 - B.S. Business Administration – Management
 - B.S. Business Administration – Management Information Systems
 - B.S. Business Administration – Marketing
 - B.S. Business Administration – Operations and Supply Chain Management
- **California State University, Los Angeles**
 - B.S. Business Administration – Accounting
 - B.S. Business Administration – Business Arts-Prelegal
 - B.S. Business Administration – Business Economics
 - B.S. Business Administration – Business, Special Interest
 - B.S. Business Administration – Entrepreneurship
 - B.S. Business Administration – Finance
 - B.S. Business Administration – Human Resources Management
 - B.S. Business Administration – International Business
 - B.S. Business Administration – Management
 - B.S. Business Administration – Marketing Management
 - B.S. Business Administration – Operations Management
 - B.S. Business Administration – Real Estate
 - B.S. Business Administration – Retailing
- **California State University, Monterey Bay**
 - B.S. Business Administration – Accounting
 - B.S. Business Administration – Agribusiness
 - B.S. Business Administration – Entre/Intrapreneurship
 - B.S. Business Administration – Hotel Management
 - B.S. Business Administration – Hotel/Resort Management
 - B.S. Business Administration – Info-tech/E-commerce
 - B.S. Business Administration – Management and International Business
 - B.S. Business Administration – Marketing
- **California State University, Northridge**
 - B.S. Business Administration – Business Law
 - B.S. Business Administration – Global Supply Chain Management
 - B.S. Business Administration – Insurance and Financial Services
 - B.S. Business Administration – Real Estate
- B.S. Business Administration – Systems and Operations Management
- B.S. Finance – General
- B.S. Management – General
- B.S. Marketing – General
- **California State University, Sacramento**
 - B.S. Business Administration – Entrepreneurship
 - B.S. Business Administration – Finance
 - B.S. Business Administration – General Management
 - B.S. Business Administration – International Business
 - B.S. Business Administration – Management of Human Resources and Organizational Behavior
 - B.S. Business Administration – Marketing
- **California State University, San Bernardino**
 - B.A. Administration – Accounting
 - B.A. Administration – Entrepreneurship Management
 - B.A. Administration – Finance
 - B.A. Administration – Human Resource Management
 - B.A. Administration – Information Systems and Technology
 - B.A. Administration – Management
 - B.A. Administration – Marketing
 - B.A. Administration – Public Administration
 - B.A. Administration – Real Estate
 - B.A. Administration – Sports and Entertainment Marketing
- **California State University, Stanislaus**
 - B.S. Business Administration – Computer Information Systems
 - B.S. Business Administration – Finance
 - B.S. Business Administration – General
 - B.S. Business Administration – Management
 - B.S. Business Administration – Marketing
 - B.S. Business Administration – Operations Management
- **Humboldt State University**
 - B.S. Business Administration – Accountancy
 - B.S. Business Administration – Finance
 - B.S. Business Administration – International Business
 - B.S. Business Administration – Management
 - B.S. Business Administration – Marketing
- **San Diego State University**
 - B.S. Business Administration – Financial Services
 - B.S. Business Administration – General Business
- **San Francisco State University**
 - B.S. Business Administration – General Business
- **San José State University**
 - B.A. Economics
 - B.S. Business Administration – Entrepreneurship
 - B.S. Business Administration – Finance
 - B.S. Business Administration – General Business
 - B.S. Business Administration – Human Resources Management
 - B.S. Business Administration – Management
 - B.S. Economics
- **Sonoma State University**
 - B.S. Business Administration – Accounting
 - B.S. Business Administration – Finance
 - B.S. Business Administration – Financial Management
 - B.S. Business Administration – General

- B.S. Business Administration – Marketing
- B.S. Business Administration – Wine Business Strategies

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Chemistry B.A.
Chemistry B.S.
- **University of California, Davis**
Chemistry A.B.
Chemistry B.S.
Chemistry B.S. – Applied Chemistry; Environmental Chemistry
Chemistry B.S. – Applied Chemistry; Forensic Chemistry
- **University of California, Irvine**
Chemistry B.S.
- **University of California, Los Angeles**
Chemistry B.S.
Chemistry/Materials Science B.S.
- **University of California, Merced**
Chemical Sciences B.S.
- **University of California, Riverside**
Chemistry B.A.
Chemistry B.S.
Chemistry B.S. – Chemical Physics Option
Chemistry B.S. – Environmental Chemistry Option
- **University of California, San Diego**
Chemistry and Biochemistry B.S. – Bioinformatics
Chemistry and Biochemistry B.S. – Biochemistry/
Chemistry

- Chemistry and Biochemistry B.S. – Chemical Education
- Chemistry and Biochemistry B.S. – Chemical Physics
- Chemistry and Biochemistry B.S. – Chemistry
- Chemistry and Biochemistry B.S. – Environmental Chemistry
- Chemistry and Biochemistry B.S. – Molecular Synthesis
- Chemistry and Biochemistry B.S. – Pharmacological Chemistry
- Environmental Systems/Environmental Chemistry B.S.

- **University of California, Santa Barbara**
Chemistry B.A.
Chemistry B.S.
- **University of California, Santa Cruz**
Chemistry B.A.
Chemistry B.S.
- **California Polytechnic State University, San Luis Obispo**
Chemistry B.S.
Chemistry B.S. – Polymers and Coatings Concentration
- **California State Polytechnic University, Pomona**
Chemistry B.S.
Chemistry B.S. – Biochemistry
Chemistry B.S. – Industrial Chemistry
- **California State University Channel Islands**
Chemistry B.A.
Chemistry B.A. – Teaching Chemistry Option
Chemistry B.S.
Chemistry B.S. – Biochemistry Option
- **California State University, Chico**
Chemistry B.A.
Natural Sciences B.A. – Chemistry Option
Chemistry B.S.
- **California State University, Dominguez Hills**
Chemistry B.A. – Biochemistry Option
Chemistry B.A. – General Chemistry Option
Chemistry B.S.
- **California State University, East Bay**
Biochemistry B.A. – Chemistry Education Option
Chemistry B.A.
Chemistry B.A. – Chemistry Education Option
Chemistry B.S.
Chemistry B.S. – Forensic Science Option
- **California State University, Fullerton**
Chemistry B.A.
Chemistry B.S.
- **California State University, Long Beach**
Chemistry B.A.
Biochemistry B.S.
Chemistry B.S.
- **California State University, Los Angeles**
Chemistry B.S.
- **California State University, Northridge**
Chemistry B.A.
Biochemistry B.S.
Chemistry B.S.
- **California State University, Sacramento**
Chemistry B.A. – Forensic Chemistry

Chemistry B.A. – General
 Chemistry B.A. – Biochemistry
 Biochemistry B.S.
 Chemistry B.S.

- **California State University, San Bernardino**
 Chemistry B.A. – Biochemistry Option
 Chemistry B.A. – Chemistry Option
 Chemistry B.A. – Integrated Teaching Track
 Chemistry B.S. – ACS Certified Option
 Chemistry B.S. – Biochemistry Option
- **California State University San Marcos**
 Chemistry – Chemistry Education Option
 Chemistry – General Chemistry Option
- **Humboldt State University**
 Chemistry B.A.
 Chemistry B.S.
 Chemistry B.S. – Biochemistry Option
- **San Diego State University**
 Chemistry B.A.
 Chemistry B.A. – American Chemical Society Certificate
 Chemistry B.S. – American Chemical Society Certificate
 Chemistry B.S. – Biochemistry Emphasis
 Chemistry B.S. – Single Subject Teaching
- **San Francisco State University**
 Chemistry B.A.
 Chemistry B.S.
- **San José State University**
 Chemistry B.A.
 Chemistry B.S.
 Chemistry B.S. – Biochemistry Concentration
 Forensic Science B.S. – Chemistry Concentration

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
 B.S. Biochemistry
 B.S. Chemistry
- **Mills College**
 B.A. Chemistry

Cinema

See *Film Studies*

Communication & Media Studies

(For other Media Studies major requirements, also see *Broadcasting*)

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

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, private, and international institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
 Media Studies A.B.
- **University of California, Davis**
 Communication A.B.
- **University of California, Los Angeles**
 Communication Studies B.A.
- **University of California, Riverside**
 Media and Cultural Studies B.A.
- **University of California, San Diego**
 Communication B.A.
 Sociology/Cultural and Communication B.A.
- **University of California, Santa Barbara**
 Communication B.A.
- **California Polytechnic State University, San Luis Obispo**
 Communication Studies B.A.
- **California State Polytechnic University, Pomona**
 Communication B.S. – Journalism
 Communication B.S. – Organizational Communication
 Communication B.S. – Public Relations
- **California State University Channel Islands**
 Communications B.A.
- **California State University, Chico**
 Communication Design B.A. – Graphic Design Option

Communication Design B.A. – Mass Communication Design Option

Communication Design B.A. – Media Arts Option
Communication Sciences and Disorders B.A.

Communication Studies B.A. – Communication/Public Affairs Option

Communication Studies B.A. – Organizational Communication Option

- **California State University, Dominguez Hills**
Communications B.A. – Journalism Option
Communications B.A. – Media Studies Option
Communications B.A. – Public Relations/Advertising Option
- **California State University, East Bay**
Communication B.A. – Media Production Option
Communication B.A. – Professional, Public and Organizational Communication Option
- **California State University, Fullerton**
Communication Studies B.A.
Communication Studies B.A. – Communications/Advertising Concentration
Communication Studies B.A. – Communications/Entertainment and Tourism Concentration
Communication Studies B.A. – Communications/Photocommunications Concentration
Communication Studies B.A. – Communications/Public Relations Concentration
- **California State University, Long Beach**
Communication Studies B.A.
Communication Studies B.A. – Interpersonal and Organizational Communication Option
Communication Studies B.A. – Communication, Culture, and Public Affairs Option
Communication Disorders B.A.
- **California State University, Los Angeles**
Communication B.A.
Communication B.A. – Communication for Social Change and Rhetoric Option
Communication B.A. – Organizational Communication and Public Relations Option
Communication B.A. – Interpersonal Communication/Language and Social Interaction Option
Communication Disorders B.A.
- **California State University, Monterey Bay**
Communication Design B.S.
- **California State University, Northridge**
Communication Disorders B.A.
Communication Disorders B.A. – Audiology Emphasis
Communication Disorders B.A. – Speech/Language Pathology Emphasis
Communication Studies B.A.
Communication Studies B.A. – Department Major Option
Communication Studies B.A. – Special Option
- **California State University, San Bernardino**
Communication B.A.
Communication B.A. – Human Communication Concentration

Communication B.A. – Mass Communication Concentration

Communication B.A. – Public Argumentation and Rhetoric Concentration

Communication B.A. – Public Relations Concentration

- **California State University San Marcos**
Communication
Mass Media
- **San Diego State University**
Communication B.A.
Communication B.A. – Applied Arts and Sciences
Communication B.A. – Liberal Arts and Sciences
- **San Francisco State University**
Communication Studies B.A.
Communicative Disorders B.A.
- **San José State University**
Communication Studies B.A.
Communicative Disorders and Sciences B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Alliant International University**
B.A. Communication/Marketing/Public Relations
- **American University of Paris, France**
Communication
- **Arizona State University**
Global Communication
- **John Cabot University, Rome, Italy**
Communications
This university is US regionally accredited. See www.smc.edu/articulation for general education admission requirements.
- **Loyola Marymount University**
B.A. Communication Studies
- **University of Southern California (USC)**
B.A. Communication Studies

Communication Studies – Associate in Arts for Transfer (AA-T) to CSU

Upon successful completion of the Santa Monica College AA-T in Communication Studies, 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 Communication Studies requirements at many institutions at the California State University system. This degree is intended for students who are interested in the theory of Communication Studies and are planning on transferring to a California State University and majoring in Communication Studies. This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440).

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more

than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AA-T in Communication Studies.**

ASSOCIATE DEGREE IN COMMUNICATION STUDIES FOR TRANSFER TO CSU

The AA-T in Communication Studies is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information. (Please note: Nonresident and international students are required to have a minimum GPA of 2.4 for admission.)
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. (Please note: Students transferring to CSU must complete IGETC Area 1C.)
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Communication Studies (18 units)

Program Learning Outcomes: Upon completion of the Communication Studies 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)

Communication Studies 11, Elements of Public Speaking (3) (formerly Speech 1)

Group A: select two of the following courses: (6 units):

Communication Studies 16, Fundamentals of Small Group Discussion (3) (formerly Speech 6)

Communication Studies 21, Argumentation (3) (formerly Speech 11)

Communication Studies 35, Interpersonal Communication (3) (formerly Speech 5)

Group B: select two courses from Group B or any course not already used above: (6 units)

Communication Studies 12, Persuasion (3) (formerly Speech 2)

Communication Studies 14, Oral Interpretation: Performing Literature Across Cultures (3) (formerly Speech 4)

Communication Studies 30, Introduction to Communication Theory (3)

Communication Studies 37, Intercultural Communication (3) (formerly Speech 7)

English 2, Critical Analysis and Intermediate Composition (3)

Film 1, Film Appreciation Introduction to Cinema (3)

Math 54, Elementary Statistics (4)

Media Studies 1, Survey of Mass Media Communication (3) (formerly Communication 1)

Psychology 5, The Psychology of Communication (3)

Group C: select any from Group C or any course from Group A or B not already used: (3 units)

Anthropology 2, Cultural Anthropology (3)

Communication Studies 9, Introduction to Communication Studies (3)

Communication Studies 13, Voice and Diction (3) (formerly Speech 3)

Communication Studies 31, Research Methods for Communication Studies (3)

English 2, Critical Analysis and Intermediate Composition (3)

History 1, History of Western Civilization I (3)

History 2, History of Western Civilization II (3)

Journalism 1, The News (3)

Psychology 1, General Psychology (3)

Sociology 1, Introduction to Sociology (3)

Sociology 1 S, Introduction to Sociology – Service Learning (3)

TRANSFER

Upon completion of the Santa Monica College AA-T in Communication Studies, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California Polytechnic State University, San Luis Obispo**
B.A. Communication Studies – General
- **California State Polytechnic University, Pomona**
B.S. Communication – Organizational Communication
- **California State University, Bakersfield**
B.A. Communications – General
- **California State University Channel Islands**
B.A. Communication Studies – Business and Nonprofit Communication
B.A. Communication Studies – Environmental Communication
B.A. Communication Studies – Health Communication
- **California State University, Chico**
B.A. Communication Studies – Communication and Public Affairs
B.A. Communication Studies – Organizational Communication
- **California State University, East Bay**
B.A. Communication – Media Production
B.A. Communication – Professional, Public and Organizational Communication

- **California State University, Fresno**
B.A. Communication – General
- **California State University, Fullerton**
B.A. Communication Studies – General
- **California State University, Long Beach**
B.A. Communication Studies – Communication, Culture, and Public Affairs
B.A. Communication Studies – General
B.A. Communication Studies – Interpersonal and Organizational Communication
- **California State University, Los Angeles**
B.A. Communication – Communication for Social Change and Rhetoric
B.A. Communication – Interpersonal Communication/ Language and Social Interaction
B.A. Communication – Organizational Communication and Public Relations
- **California State University, Monterey Bay**
B.A. Human Communication – Journalism and Media Studies
B.A. Human Communication – Practical and Professional Ethics
B.A. Human Communication – Writing and Rhetoric
- **California State University, Northridge**
B.A. Communication Studies – General
- **California State University, Sacramento**
B.A. Communication Studies – Digital Media
B.A. Communication Studies – General Communication
B.A. Communication Studies – Mass Communication
B.A. Communication Studies – Organizational Communication
B.A. Communication Studies – Public Relations
- **California State University, San Bernardino**
B.A. Communication – Human and Organizational Communication
B.A. Communication – Media Studies
B.A. Communication – Public Relations
- **California State University San Marcos**
B.A. Communication – General
B.A. Mass Media – General
- **California State University, Stanislaus**
B.A. Communication Studies – General
- **Humboldt State University**
B.A. Communication – General
- **San Diego State University**
B.A. Communication – Applied Arts
B.S. Health Communication – General
- **San Francisco State University**
B.A. Communication Studies – General
- **San José State University**
B.A. Communication Studies
- **Sonoma State University**
B.A. Communication Studies – General

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree

Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

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

TRANSFER

Transfer requirements for CIS can be found on the Business major sheet available in the Transfer/Counseling Center or online at www.smc.edu/articulation.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Computer Business Applications (27 units)

The Computer Business Applications certificate is a sequence of courses designed to prepare students for a variety of positions in today’s automated office. Using the Microsoft Office Suite students learn to create, edit, format, and publish documents, spreadsheets, presentations, and databases. Students also develop skills necessary to handle basic accounting and bookkeeping procedures for small businesses.

Program Learning Outcomes: Upon completion of the program in Computer Business Applications, students will be able to analyze different type of business information, use the Internet to support findings, and use software applications to produce various business reports and presentations used in industry.

Required courses:

Accounting 1, Introduction to Financial Accounting (5)

or

Accounting 21, Business Bookkeeping (3)

Business 1, Introduction to Business (3)

CIS 1, Computer Concepts with Applications (3)

CIS 4, Introduction to Computers, Business Applications (3)

CIS 30, Microsoft EXCEL (3) (formerly CIS 31)

CIS 32, Microsoft Access (3)
 CIS 35, QuickBooks (3) (*same as Accounting 31*)

Select 6 units from the following courses:

CIS 9A, Technology Project Management I (3) (*same as CS 9A*)
 CIS 34, Advanced Excel with Visual Basic for Applications (3)
 CIS 37A, Microsoft Word I (3)
 CIS 39, Microsoft Outlook – Comprehensive Course (3)
 CIS 50, Internet, HTML, and Web Design (3)
 OFTECH 1, Keyboarding I (3)

or

OFTECH 10, Skill Building on the Keyboard (3)
 OFTECH 5, English Skills for the Office (3)

Website Software Specialist (37 units)

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 such as ASP or Perl), as well as Web authoring applications such as Dreamweaver, Fireworks, Flash, and Photoshop. They are primarily responsible for developing user friendly and interactive Web pages, integrating and optimizing different multimedia components, and implementing hosting, publishing, and development workflow strategies.

Program Learning Outcomes: Students who complete this program 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: (18 units)

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 Page Development and Scripting I (3) (*same as Entertainment Technology 33*)
 CIS 59A, Dreamweaver I (3)
 CIS 60A, Photoshop I (3)

Required Concentration Courses: (13 units)

CIS 56, Web Media Production (3)
 CIS 57, Website Planning and Production (3)
 CIS 59B, Dreamweaver II (3)
 CIS 62A, Flash I (3)
 CIS 88A, Independent Studies in CIS (1)

Select two of the following courses to total 37 units: (6 units)

CIS 55, Advanced Web Page Development and Scripting (3)
 CIS 62B, Flash II (3)
 CIS 66, FLEX (3)
 CIS 67, WordPress (3)

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Computer Business Applications (27 units)

A Certificate of Achievement is granted in Computer Business Applications upon completion of the 27 required units listed under Computer Business Application Associate degree.

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

Website Software Specialist (37 units)

A Certificate of Achievement is granted in Website Software Specialist upon completion of the 37 required units listed under Website Software Specialist Associate degree.

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

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Digital Publishing (formerly Desktop Publishing) (17 units)

Using computer software, such as Adobe Photoshop, Adobe InDesign, and Microsoft Word, desktop publishing specialists format and combine text, numerical data, photographs, charts, drawings, and other visual graphic elements to produce publication-ready material. Depending on the nature of the project, desktop publishing specialists may also write and edit text, create graphics to accompany text, convert photographs and drawings into digital graphics, manipulate the converted images, and design page layouts.

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 37A, Microsoft Word I (3)
 CIS 40, InDesign (3)
 CIS 60A, Photoshop I (3)
 CIS 64, Illustrator (3)
 OFTECH 5, English Skills for the Office (3)

Select one unit 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)

Website Creator (15 units)

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: (15 units)

- CIS 50, Internet, HTML, and Web Design (3)
- CIS 51, HTML5, CSS3, and Accessibility (3)
- CIS 54, Web Page Development and Scripting I (3) (*same as Entertainment Technology 33*)
- CIS 59A, Dreamweaver I (3)
- CIS 60A, Photoshop I (3)

Website Development Management (16 units)

A certificate in Website Development Management aims to provide Computer Information Systems 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.

Required Courses: (16 units)

- 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 62A, Flash I (3)
- CIS 88A, Independent Studies in CIS (1)

Word Processing (15 units)

This certificate 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.

Required courses: (12 units)

- CIS 4, Introduction to Computers, Business Applications (3)
- CIS 37A, Microsoft Word I (3)
- CIS 37B, Microsoft Word II (3)
- OFTECH 5, English Skills for the Office (3)

Select 3 units from the following keyboarding courses:

- OFTECH 1, Keyboarding I (3)
- or**
- OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B, Keyboarding 1B (1) **and** 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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

COMPUTER SCIENCE

- **University of California, Berkeley**
Computer Science B.A.
- **University of California, Davis**
Computer Science B.S.
Computer Science and Engineering B.S.
- **University of California, Irvine**
Computer Game Science B.S.
Computer Science B.S.
Computer Science and Engineering B.S.
- **University of California, Los Angeles**
Computer Science B.S.
Computer Science and Engineering B.S.
- **University of California, Merced**
Computer Science and Engineering B.S.
- **University of California, Riverside**
Computer Science B.S.
- **University of California, San Diego**
Computer Science B.A.
Computer Science B.S.
Computer Science B.S. – Bioinformatics Specialization
Mathematics/Computer Science B.S.
- **University of California, Santa Barbara**
Computer Science B.S.
Creative Studies – Computer Science B.S.
- **University of California, Santa Cruz**
Computer Science B.A.
Computer Science B.S.

- Computer Science B.S. – Computer Game Design
- **California Polytechnic State University, San Luis Obispo**
Computer Science B.S.
 - **California State Polytechnic University, Pomona**
Computer Science B.S.
 - **California State University Channel Islands**
Computer Science B.S.
Information Technology B.S.
 - **California State University, Chico**
Computer Information Systems B.S.
Computer Science B.S.
 - **California State University, Dominguez Hills**
Computer Technology B.A. – General Track
Computer Technology B.A. – Homeland Security Track
Computer Technology B.A. – Professional Track
Computer Science B.S.
 - **California State University, East Bay**
Computer Science B.S.
Computer Science B.S. – Computer Engineering Option
Computer Science B.S. – Networking and Data Communication Option
Computer Science B.S. – Software Engineering Option
 - **California State University, Fullerton**
Computer Science
 - **California State University, Long Beach**
Computer Engineering Technology B.S.
Computer Science B.S.
 - **California State University, Los Angeles**
Computer Information Systems B.S.
Computer Science B.S.
 - **California State University, Monterey Bay**
Computer Science and Information Technology B.S. – Game Development Concentration
Computer Science and Information Technology B.S. – Information System Concentration
Computer Science and Information Technology B.S. – Network and Security Concentration
Computer Science and Information Technology B.S. – Software Engineering Concentration
 - **California State University, Northridge**
Computer Information Technology B.S.
Computer Science B.S.
 - **California State University, Sacramento**
Computer Science B.S.
 - **California State University, San Bernardino**
Computer Systems B.A.
Computer Science B.A. – Game Development Option
Computer Science B.A. – Graphics Programming Option
Computer Science B.A. – System Administration Option
Computer Science B.A. – Web Programming Option
Computer Science B.S.
 - **California State University San Marcos**
Computer Information Systems Option
Computer Science Option

- **Humboldt State University**
Computer Science
- **San Diego State University**
Computer Science
Mathematics B.S. – Computational Science Emphasis
- **San Francisco State University**
Computer Science B.S.
- **San José State University**
Computer Science B.S.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **American University of Paris, France**
Computer Science ICT Track
- **Kaplan University**
B.S. Information Technology
B.S. Information Technology/Web Multimedia and Animation
- **Loyola Marymount University, College of Science & Engineering**
B.S. Computer Science
- **National University**
B.S. Computer Science
- **Regis University – Online Bachelor's Degree Program**
B.S. Computer Networking
B.S. Computer Science
Can be completed online. For more information, see www.smc.edu/articulation.
- **University of Phoenix**
B.S./B.A. Computer Science

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Computer Science (34 units)

Computer Science majors cover 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 this course of study in Computer Science, students will manage projects, analyze systems, develop software, and program in a

variety of computer languages; author Web pages 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 one of the following groups:

GROUP 1: CS 52, C++ Programming (3) **and** CS 20A,
 Data Structures with C++ (3)
 GROUP 2: CS 55, Java Programming (3) **and** CS 20B,
 Data Structure with Java (3)

Computer Programming (27-29 units)

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: (15-17 units)

CS 3, Introduction to Computer Systems (3)
 CS 40, Operating Systems (3) **or** CS 80, Internet Programming (3)
 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 two of the following groups:

GROUP 1: CS 15, Visual Basic Programming (3) **and** CS 19, Advanced Visual Basic Programming (3)
 GROUP 2: CS 81, JavaScript and Dynamic HTML (3) **and** (CS 82, ASP.NET Programming in C# (3)

or

CS 83, Server-Side Java Web Programming (3)

or

CS 84, Programming with XML (3) **or** CS 85, PHP Programming (3)

GROUP 3: CS 65, Oracle Programming (3) **and** CS 66, Advanced Oracle (3)

GROUP 4: CS 52, C++ Programming (3) **and** (CS 51, Visual C++ Programming (3)

or

CS 20A, Data Structures with C++ (3))

GROUP 5: CS 55, Java Programming (3) **and** (CS 56, Advanced Java Programming (3)

or

CS 20B, Data Structures with Java (3))

Database Applications Developer (33 units)

A Database Applications Developer 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 two of the following courses:

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 (30 units)

A Web Programmer designs and develops 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 Web pages 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 Web pages 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)

or

- CS 86, Android Development (3)

Select one of the following three groups: (6 units)

- CS 15, Visual Basic Programming (3) **and** CS 19, Advanced Visual Basic Programming (3)

or

- CS 55, Java Programming (3) **and** CS 56, Advanced Java Programming (3)

or

- CS 87A, Python Programming (3) **and** one course from the following: CS 15, 19, 55, 56

Select one of the following courses: (3 units)

- CS 32, Database Programming in VB .NET (3)
- CS 61, Microsoft SQL Server Database (3)
- CS 65, Oracle Programming (3)

Select one of the following courses: (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)

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Computer Science (34 units)

A Certificate of Achievement is granted in Computer Science for transfer upon completion of the 34 required units listed under Computer Science Associate degree.

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

Computer Programming (27-29 units)

A Certificate of Achievement is granted in Computer Programming upon completion of the 27-29 required units listed under the Computer Programming Associate degree.

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

Database Applications Developer (33 units)

A Certificate of Achievement is granted in Database Applications Developer upon completion of the 33 required

units listed under the Database Applications Developer Associate degree.

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

Web Programmer (30 units)

A Certificate of Achievement is granted in Web Programmer upon completion of the 30 required units listed under the Web Programmer Associate degree.

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

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Computer Programming (12 units)

This certificate 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: (12 units)

- 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 (13 units)

A certificate in IS Management 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 Study (1)

Select one course from the following:

- CS 19, Advanced Visual Basic Programming (3)

or

- CS 32, Database Programming in Visual Basic .NET (3)

or

- CS 37, Web Programming in Visual Basic .NET (3)

Mobile Apps Development – Android (15 units)

A certificate in Mobile Apps Development – Android provides Computer Science 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 one course from the following:

- CIS 60A, Photoshop I (3)
- CS 60, Database Concepts and Applications (3)
- CS 84, Programming with XML (3)

Mobile Apps Development – iPhone (15 units)

A certificate in Mobile Apps Development – iPhone provides Computer Science 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.

Required Courses: (12 units)

- CS 53A, iOS Development with Objective-C (3)
- CS 53B, iOS Mobile App Development (3)
- CS 53C, iOS Advanced Mobile App Development (3)
- GR DES 75, Mobile Design 1 (3)

Select one course from the following:

- CS 60A, Photoshop I (3)
- CS 60, Database Concepts and Applications (3)
- CS 84, Programming with XML (3)

Networking (17 units)

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: (17 units)

- 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 (16 units)

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.

A certificate in Robotics and Artificial Intelligence (AI) aims to provide Computer Science students with the knowledge and skills needed to work in the emergent AI career Field, which includes robotics, knowledge engineering, and virtual human design. Students learn how to program embedded systems to operate mobile robotics that can interact with changing environments, how to create and maintain expert systems, and how to design and build virtual humans that converse much like people. All courses are very much "hands-on."

Program Learning Outcomes: Upon completion of the program in Robotics and Artificial Intelligence, students will design, program, and operate mobile robots and chatbots that interact with changing environments and people. Students will also design solutions and write programs for real-world applications using embedded systems that interact with external hardware.

Required Courses: (16 units)

- CS 9A, Technology Project Management I (3) (*same as CIS 9A*)
- CS 22, Introduction to Mobile Robots (3)
- CS 23, Expert Systems and Chatbots (3)
- CS 25, Embedded Systems (3)
- CS 42, Computer Architecture (3)
- CS 88A, Independent Study (1)

Cosmetology

The Cosmetology Department at Santa Monica College 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 (www.smc.edu).

ASSOCIATE DEGREE – 60 UNITS

Cosmetology

Program is being revised. See www.smc.edu/articulation for information.

Additional 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 www.smc.edu/articulation).

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Cosmetology

Program is being revised. See www.smc.edu/articulation for information.

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

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Skin Care

See www.smc.edu/articulation for information.

A Department Certificate in Skin Care will be awarded in Skin Care to students who complete 600 hours of skin care courses.

Nail Care

See www.smc.edu/articulation for information.

A Department Certificate in Nail Care will be awarded in Nail Care to students who complete 400 hours of nail care courses.

Salon Business

This Certificate in Salon Business will aid cosmetologists, estheticians, and manicurists in establishing and running their own business and salon.

Required Courses:

Accounting 21, Business Bookkeeping (3)

Business 1, Introduction to Business (3)

or

Business 20, Principles of Marketing (3)

or

Business 65, Management Principles (3)

CIS 4, Introduction to Computers, Business Applications (3)

Cosmetology 64, Salon Business (2)

Teacher Training (16 units) – *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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Dance and Performance Studies B.A.
- **University of California, Davis**
Theatre and Dance A.B.
- **University of California, Irvine**
Dance B.A.
Choreography Specialization B.F.A.
Choreography and Performance Specification B.F.A.
Dance B.F.A.
- **University of California, Los Angeles**
Dance B.A.
- **University of California, Riverside**
Dance B.A.
- **University of California, San Diego**
Dance B.A.
Theatre and Dance B.A.
- **University of California, Santa Barbara**
Dance B.A.
Dance B.F.A.
- **University of California, Santa Cruz**
Dance, Minor
- **California State Polytechnic University, Pomona**
Theatre B.A.
- **California State University, Dominguez Hills**
Theatre Arts B.A. – Dance Option
- **California State University, East Bay**
Theatre Arts B.A. – Dance Option
Theatre Arts B.A. – Theatre and Dance for Children and Community Option
- **California State University, Fullerton**
Dance B.A.
- **California State University, Long Beach**
Dance B.A.
Dance B.A. – Dance Science Option

Dance B.F.A.

- **California State University, Los Angeles**
Theatre Arts and Dance B.A.
Theatre Arts and Dance B.A. – Dance Option
Theatre Arts and Dance B.A. – Theater Arts Option
- **California State University, Sacramento**
Theatre Arts
Theatre Arts – Dance Concentration
Theatre Arts – Theatre Concentration
- **California State University, San Bernardino**
Theatre Arts B.A.
Theatre Arts B.A. – Acting Emphasis
Theatre Arts B.A. – Dance Emphasis
Theatre Arts – Design/Technical Emphasis
Theatre Arts – Musical Theatre Emphasis
- **Humboldt State University**
Interdisciplinary Studies – Dance Studies
- **San Francisco State University**
Dance B.A.
- **San José State University**
Dance B.A.
Dance B.F.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Cornish College of the Arts (Seattle, WA)**
B.F.A. Dance
- **Loyola Marymount University**
B.A. Dance, Performance Track
B.A. Dance, Generalist Track

SMC DANCE DEPARTMENT RECOMMENDED COURSES FOR TRANSFER

Students should check www.smc.edu/articulation or www.assist.org for individual campus requirements.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Dance (29 units)

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.

- 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, Modern Dance 5 (2)
- Dance 46, Modern Dance 6 (2)

Performance Courses; Select 6 units from the following:

- 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 Recommended 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 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 Ethnic Dance (1)
- Dance 57C, Ethnic 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 Early Childhood Education 75*)
- Dance 79, Dance in New York City (1)

DEPARTMENT CERTIFICATE

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Dance Teacher (Pre K-Grade 5) (17 units)

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 Early Childhood Education 75*)

Dance 90B, Internship in Dance (2)

Early Childhood Education 2, Principles and Practices of Teaching Young Children (3)

Psychology 11, Child Growth and Development (3)

Ballet Electives: Select one course from the following: (2 units)

Dance 33, Ballet 3 (2)

Dance 34, Ballet 4 (2)

Dance 35, Ballet 5 (2)

Dance 36, Ballet 6 (2)

Modern Dance Electives: Select one course from the following: (2 units)

Dance 43, Contemporary Modern Dance 3 (2)

Dance 44, Contemporary Modern Dance 4 (2)

Dance 45, Modern Dance 5 (2)

Dance 46, Modern Dance 6 (2)

World Dance Electives: Select one course from the following: (2 units)

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

Formerly Child Development

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 programs 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: https://www.childdevelopment.org/cs/cdct/print/htdocs/services_colleges_aligned.htm.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Irvine**
Education Sciences B.A.
Education Studies B.A. – Minor
- **California Polytechnic State University, San Luis Obispo**
Child Development B.S.
- **California State Polytechnic University, Pomona**
Child Development B.S.
- **California State University, Bakersfield**
Child, Adolescent, and Family Studies – Fast Track
Child, Adolescent, and Family Studies – General Track
- **California State University Channel Islands**
Early Childhood Studies B.A.
- **California State University, Chico**
Child Development B.A.
- **California State University, Dominguez Hills**
Child Development B.S.
Child Development B.S. – General Elective Concentration
Child Development B.S. – Teaching and Learning Concentration
Child Development B.S. – Counseling and Family Services Concentration
Child Development B.S. – Juvenile Delinquency Concentration
Child Development B.S. – Management and Administration Concentration
- **California State University, East Bay**
Liberal Studies B.A. – Teacher Preparation Degree Pathway Option
- **California State University, Fullerton**
Child and Adolescent Development B.S.
Child and Adolescent Development B.S. – Adolescent/Youth Development Option
Child and Adolescent Development B.S. – Early Childhood Development Option
Child and Adolescent Development B.S. – Elementary School Settings Option
Child and Adolescent Development B.S. – Family and Community Contexts Option

- **California State University, Long Beach**
Family and Consumer Sciences B.A. – Child Development and Family Studies Option
Family and Consumer Sciences B.A. – Family Life Education Option
Liberal Studies B.A. – Integrated Teacher Education Option
- **California State University, Los Angeles**
Child Development B.A.
Option I: General Option
Option II: Elementary Subject Matter Teacher Preparation
- **California State University, Northridge**
Child and Adolescent Development B.A. – Applied Developmental Science Option
Child and Adolescent Development B.A. – Early Childhood Development Option
- **California State University, Sacramento**
Child Development B.A.
Child Development B.A. – Early Development, Care, and Education Concentration
Child Development B.A. – Individualized Concentration
Child Development B.A. – Elementary Pre-Credential Subject Matter Program Concentration
Child Development B.A. – Social and Community Settings Concentration
Child Development B.A. – Integrate Pre-Credential Subject Matter Program Concentration
Child Development B.A. – Pre-Credential Subject Matter Program Major Concentration (see “Integrated Pre-Credential Subject Matter Program” Major)
Child Development B.A. – Child Development – Integrated Pre-Credential
- **California State University, San Bernardino**
Human Development B.A. – Child Development Track
Human Development B.A. – Lifespan Track
Human Development B.A. – School Age Track
- **Humboldt State University**
Liberal Studies – Child Development
Track 1: Teaching
Specialization Area 1: Early Childhood Education and Care
Specialization Area 2: Elementary Education
Specialization Area 3: Special Education/Early Intervention
Track 2: Child and Family Services
Social Work Emphasis
Diversity Emphasis
Program Administration Emphasis
Recreational Programming Emphasis
Special Populations Emphasis
Track 3: Specialized Studies
Early Childhood CAP (Curriculum Alignment Project) Transfer Option
Liberal Studies – Child Development (Elementary Education)
Liberal Studies – Elementary Education
Liberal Studies – Recreation Administration
- **San Diego State University**
Child and Development

Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements. For the most up-to-date Associate degrees and Certificate of Achievement requirements, visit www.smc.edu/articulation.

- **San Francisco State University**
Child and Adolescent Development B.A.
- **San José State University**
Child and Adolescent Development B.A.
Child and Adolescent Development B.A. – Preparation
for Teaching (Multiple Subject)

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Kaplan University**
B.S. Psychology/Child Development
- **Mount Saint Mary's College**
B.A. Child Development

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Early Childhood Education – Career (30 units)

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 page 105.

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)

- Early Childhood Education 2, Principles and Practices of Teaching Young Children (3)
- Early Childhood Education 11, Child, Family and Community (3)
- Early Childhood Education 21, Observation and Assessment (4)
- Early Childhood Education 22, Practicum in Early Childhood Education (5)
- Early Childhood Education 45, Introduction to Children with Special Needs (3)
- Early Childhood Education 64, Health, Safety and Nutrition for Young Children (3)
- Psychology 11, Child Growth and Development (3)

Required Curriculum Courses; select two courses from the following: (6 units)

- Early Childhood Education 4, Language and Literature for the Young Child (3)
- Early Childhood Education 5, Math and Science for the Young Child (3)

- Early Childhood Education 8, Creative Experiences – Art, Music and Movement (3)
- Early Childhood Education 17, Introduction to Curriculum (3)

Recommended Courses:

- Bilingual 1, Introduction to Bilingual Studies (3)
- Early Childhood Education 9, Introduction to School-Age Child Care (3)
- Early Childhood Education 10, Developing Literacy (3)
- Early Childhood Education 18, Childhood: Culture and Personality (3) (*same as Psychology 18*) (*formerly Child Development 18*)
- Early Childhood Education 20, High Scope Key Experience Curriculum (3)
- Early Childhood Education 23, Fieldwork in Early Intervention (5)
- Early Childhood Education 30, Children with Challenging Behaviors (3)
- Early Childhood Education 31, Communicating with Families (2)
- Early Childhood Education 35, Foundations of Early Literacy (3)
- Early Childhood Education 43, Administration 2: Personnel and Leadership in Early Childhood Education (3)
- Early Childhood Education 44, Introduction to Family Day Care (1)
- Early Childhood Education 45, Introduction to Children with Special Needs (3)
- Early Childhood Education 46, Infant and Toddler Development (3)
- Early Childhood Education 47, Developing Family Childcare (3)
- Early Childhood Education 48, Adult Supervision and Mentoring in Early Education (2, 3)
- Early Childhood Education 49, Curriculum and Strategies for Children with Special Needs (3)
- Early Childhood Education 50A, Parent Skills Development (1)
- Early Childhood Education 51, The Reggio Approach (3)
- Early Childhood Education 52, Documentation: Making Learning Visible (1)
- Early Childhood Education 53, Environment as the Third Teacher (1)
- Early Childhood Education 60, Child Observation and Assessment (3)
- Early Childhood Education 75, Dance for Children (3) (*same as Dance 75*)
- Early Childhood Education 84, Early Childhood Educator's Seminar (1)
- Early Childhood Education 89A, Cooperative Work Experience in ECE (1)
- Early Childhood Education 89B, Cooperative Work Experience in ECE (2)
- Education 1, Career Choices in Education (3)
- Education 2, The Early Childhood Through 12th Grade Teaching Experience (3)
- Education 20, Exceptional Children in School (3)
- Education 24, Paraeducator Fieldwork Experience (5)
- Psychology 1, General Psychology (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 www.smc.edu/articulation).

Early Intervention Assistant (33 units)

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:

- Early Childhood Education 2, Principles and Practices of Teaching Young Children (3)
- Early Childhood Education 11, Child, Family and Community (3)
- Early Childhood Education 17, Introduction to Curriculum (3)
- Early Childhood Education 21, Observation and Assessment (4)
- Early Childhood Education 23, Fieldwork in Early Intervention (5)
- Early Childhood Education 45, Introduction to Children with Special Needs (3)
- Early Childhood Education 46, Infant and Toddler Development (3)
- Early Childhood Education 49, Curriculum and Strategies for Children with Special Needs (3)
- Early Childhood Education 64, Health, Safety and Nutrition for Young Children (3)
- Psychology 11, Child Growth and Development (3)

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Early Childhood Education – Career (30 units)

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

Early Intervention Assistant (33 units)

A Certificate of Achievement is granted upon completion of 33 required units listed under Early Childhood Intervention Assistant Associate degree.

Students who successfully complete the Early Childhood Intervention Assistant Certificate of Achievement may elect to

receive an Associate degree by satisfying additional general education requirements listed on the Associate degree.

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Early Childhood Education Core (12 units)

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)

- Early Childhood Education 2, Principles and Practices of Teaching Young Children (3)
- Early Childhood Education 11, Child, Family and Community (3)
- Psychology 11, Child Growth and Development (3)

Select one additional course from the list below: (3 units)

- Early Childhood Education 4, Language and Literature for the Young Child (3)
- Early Childhood Education 5, Math and Science for the Young Child (3)
- Early Childhood Education 8, Creative Experiences – Art, Music and Movement (3)
- Early Childhood Education 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)

- Early Childhood Education 2, Principles and Practices of Teaching Young Children (3)
- Early Childhood Education 11, Child, Family and Community (3)
- Early Childhood Education 5, Math and Science for the Young Child (3)

or

- Early Childhood Education 8, A Creative Experience: Art, Music and Movement (3)

or

- Early Childhood Education 4, Language and Literature for the Young Child (3)
- Psychology 11, Child Growth and Development (3)

The State Department of Social Services requires certain educational standards as part of the licensing of child devel-

opment programs under their jurisdiction. Please refer to the matrix below for state requirements. (Please consult with Department for further details).

CHILD DEVELOPMENT PERMIT MATRIX – WITH ALTERNATIVE QUALIFICATION OPTIONS INCLUDED

This matrix was prepared by the Child Development Training Consortium. To obtain a permit application, visit our website at www.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.*

Early Childhood Education – Associate in Science for Transfer (AS-T) to CSU

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.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AS-T in Early Childhood Education.**

ASSOCIATE DEGREE IN EARLY CHILDHOOD EDUCATION FOR TRANSFER TO CSU

The AS-T in Early Childhood Education is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information. (Please note: Nonresident and international students are required to have a minimum GPA of 2.4 for admission.)
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

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)

- Early Childhood Education 2, Principles and Practices of Teaching Young Children (3)
- Early Childhood Education 11, Child, Family and Community (3)
- Early Childhood Education 17, Introduction to Curriculum (3)
- Early Childhood Education 19, Teaching in a Diverse Society (3)
- Early Childhood Education 21, Observation and Assessment (4)
- Early Childhood Education 22, Practicum in Early Childhood Education (5)
- Early Childhood Education 64, Health, Safety and Nutrition for Young Children (3)
- Psychology 11, Child Growth and Development (3)

TRANSFER

Upon completion of the Santa Monica College AS-T in Early Childhood Education, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California Polytechnic State University, San Luis Obispo**
B.S. Child Development – General
- **California State University, Bakersfield**
B.A. Child Adolescent, and Family Studies – General

- **California State University Channel Islands**
B.A. Early Childhood Studies – General
- **California State University, Chico**
B.A. Child Development – General
- **California State University, Dominguez Hills**
B.S. Child Development – General
- **California State University, East Bay**
B.A. Human Development – Adolescent Development
B.A. Human Development – Adult Development and Gerontology
B.A. Human Development – Child Development
B.A. Human Development – Early Childhood Development
B.A. Human Development – Women’s Development
- **California State University, Fresno**
B.S. Child Development – Child Development
B.A. Child Development – Pre-Credential
- **California State University, Fullerton**
B.S. Child and Adolescent Development – General
- **California State University, Long Beach**
B.A. Family and Consumer Sciences – Child Development and Family Studies
- **California State University, Los Angeles**
B.A. Child Development – General
- **California State University, Northridge**
B.A. Child and Adolescent Development – Early Childhood Development
- **California State University, Sacramento**
B.A. Child Development – Early Development, Care and Education
B.A. Child Development – Elementary Pre-Credential
B.A. Child Development – Individualized
B.A. Child Development – Social and Community Settings
- **California State University, Stanislaus**
B.A. Child Development – Child Development Early Childhood Track
B.A. Child Development – Child Development General Track
B.A. Child Development – Child Development Middle Childhood Track
B.A. Child Development – Child Development Services Track
- **Humboldt State University**
B.A. Liberal Studies – Child Development
B.A. Liberal Studies – Child Development/Elementary Education
- **San Francisco State University**
B.A. Child and Adolescent Development – Early Childhood
B.A. Child and Adolescent Development – Policy, Advocacy and Systems
B.A. Child and Adolescent Development – School Age Child and Family
B.A. Child and Adolescent Development – Youth Work and Out of School Time

- **San José State University**
B.A. Child and Adolescent Development
- **Sonoma State University**
B.A. Early Childhood Studies – General

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, private, and international private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Economics B.A.
- **University of California, Davis**
Economics A.B.
- **University of California, Irvine**
Business Economics B.A.
Economics B.A.
- **University of California, Los Angeles**
Business Economics B.A.
Economics B.A.
- **University of California, Merced**
Economics B.A.
Management and Business Economics B.S.
- **University of California, Riverside**
Business Economics B.A.
Economics B.A.
Economics/Administrative Studies B.A.
- **University of California, San Diego**
Economics B.A.
Economics B.S. – Joint Major in Mathematics and Economics
Economics B.S. – Management Science

- **University of California, Santa Barbara**
Economics B.A.
Economics and Accounting B.A.
Economics/Mathematics B.A.
- **University of California, Santa Cruz**
Economics B.A.
Economics, Global B.A.
Economics/Mathematics Combined B.A.
Environmental Studies/Economics Combined B.A.
- **California Polytechnic State University, San Luis Obispo**
Economics B.S.
Economics B.S. – Quantitative Economics Concentration
Economics B.S. – Real Estate Economics Concentration
- **California State Polytechnic University, Pomona**
Economics B.S.
- **California State University, Bakersfield**
Economics B.A.
Economics B.S.
- **California State University Channel Islands**
Economics B.A.
Economics B.A. – Managerial Economics Option
Economics B.A. – International Economics Option
- **California State University, Chico**
Economics B.A.
- **California State University, East Bay**
Economics B.A.
Economics B.A. – Accounting Option
Economics B.A. – Social Science Economics Option
Economics B.A. – Statistical Economics Option
- **California State University, Fullerton**
Business Administration and Economics B.A.
Economics B.A.
- **California State University, Long Beach**
Business Economics B.A.
Economics B.A.
Economics B.A. – Mathematical Economics and Economic Theory Option
- **California State University, Los Angeles**
Economics B.A.
Option 1: Applied Economics
Option 2: Social and Behavioral Sciences
- **California State University, Northridge**
Economics B.A.
- **California State University, Sacramento**
Economics
- **California State University, San Bernardino**
Economics B.A.
Economics B.A. – Applied Economics
Economics B.A. – Mathematical Economics
Economics B.A. – Political Economy
- **California State University San Marcos**
Economics
- **Humboldt State University**
Economics

- **San Diego State University**
Economics
Economics – International Economics Emphasis
Economics – Public Policy Emphasis
Economics – Quantitative Analysis Specialization
- **San Francisco State University**
Economics B.A.
- **San José State University**
Economics B.A.
Economics B.S.
- **Sonoma State University**
Economics

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **American University of Paris, France**
International Economics
- **John Cabot University, Rome, ITALY**
Economics and Finance (validated by University of Wales in Business Administration)
This university is US regionally accredited.
See www.smc.edu/articulation for general education admission requirements.
- **Loyola Marymount University**
B.A./B.S. Economics
- **Mills College**
B.A. Political, Legal and Economic Analysis

General education requirements for the University of California and California State University and other local universities are available online at www.smc.edu/articulation and listed in the Academics section of this catalog.

Energy Efficiency Specialist

The Energy Efficiency Specialist Department Certificate is designated 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.

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

DEPARTMENT CERTIFICATE

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Energy Efficiency Specialist (13 units)

The Energy Efficiency Specialist Department Certificate is granted upon completion of 13 required units listed below.

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge of basic safety and health concerns in building management activities; perform analysis of residences and businesses, starting with utility bills and focusing on reducing energy usage; suggest efficiency measures and estimate energy consumption in electrical, mechanical, and heat energy units; and make recommendations for alternative energy production and storage methods to reduce utility costs and provide sustainable substitutes to fossil fuel energy use and non-renewable resource use.

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)

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

Admission to Engineering programs is very competitive. Students should complete all lower division requirements prior to transfer to be competitive for admission.

Additionally, 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.

- **University of California, Berkeley**
 - Bioengineering B.S.
 - Bioengineering/Materials Science and Engineering B.S.
 - Chemical Engineering B.S.
 - Chemical Engineering/Nuclear Engineering B.S.
 - Chemical Engineering/Materials Science and Engineering B.S.
 - Civil Engineering B.S.
 - Electrical Engineering and Computer Science B.S.
 - Electrical Engineering and Computer Science/Materials Science and Engineering B.S.
 - Electrical Engineering and Computer Science/Nuclear Engineering B.S.
 - Energy Engineering B.S.
 - Engineering Mathematics and Statistics B.S.
 - Engineering Physics B.S.
 - Engineering Undeclared
 - Environmental Engineering Science B.S.
 - Industrial Engineering and Operations Research B.S.
 - Materials Engineering B.S.
 - Materials Science and Engineering/Mechanical Engineering B.S.
 - Materials Science and Engineering/Nuclear Engineering B.S.
 - Mechanical Engineering B.S.
 - Mechanical Engineering/Nuclear Engineering B.S.
 - Nuclear Engineering B.S.
- **University California, Davis**
 - Biochemical Engineering B.S.
 - Biological Systems Engineering B.S.
 - Biomedical Engineering B.S.
 - Chemical Engineering B.S.
 - Chemical Engineering/Materials Science and Engineering B.S.
 - Civil Engineering B.S.
 - Electrical Engineering B.S.
 - Materials Science and Engineering B.S.
 - Mechanical Engineering B.S.
 - Mechanical Engineering/Materials Science and Engineering B.S.
- **University of California, Irvine**
 - Aerospace Engineering B.S.
 - Biomedical Engineering B.S.
 - Biomedical Engineering B.S. – Premedical
 - Chemical Engineering B.S.
 - Civil Engineering B.S.
 - Computer Engineering B.S.
 - Electrical Engineering B.S.
 - Engineering B.S.
 - Environmental Engineering B.S.
 - Materials Science Engineering B.S.
 - Mechanical Engineering B.S.
- **University of California, Los Angeles**
 - Aerospace Engineering B.S.
 - Bioengineering B.S.
 - Chemical Engineering B.S.
 - Civil Engineering B.S.
 - Computer Science and Engineering B.S.
 - Electrical Engineering B.S.
 - Geology B.S. – Engineering Geology
 - Materials Engineering B.S.

Mechanical Engineering B.S.
Pre-Computational and Systems Biology B.S.

• **University of California, Merced**

Bioengineering B.S.
Computer Science and Engineering B.S.
Environmental Engineering B.S.
Materials Science and Engineering B.S.
Mechanical Engineering B.S.

• **University of California, Riverside**

Bioengineering B.S.
Chemical Engineering B.S.
Chemical Engineering B.S. – Biochemical Engineering Option
Chemical Engineering B.S. – Bioengineering Option
Chemical Engineering B.S. – Chemical Engineering Option
Chemical Engineering B.S. – Nanotechnology Option
Electrical Engineering B.S.
Materials Science and Engineering B.S.
Mechanical Engineering B.S.
Physics B.S. – Applied Physics and Engineering Track

• **University of California, San Diego**

Electrical Engineering and Society B.A.
Bioengineering B.S.
Bioengineering B.S. – Bioinformatics
Bioengineering B.S. – BioSystems
Bioengineering B.S. – Biotechnology
Bioengineering B.S. – Premedical
Chemical Engineering B.S.
Computer Engineering B.S. – Electrical Computer Engineering
Electrical Engineering B.S.
Mechanical Engineering B.S.
NanoEngineering B.S.
Structural Engineering B.S.

• **University of California, Santa Barbara**

Chemical Engineering B.S.
Computer Engineering B.S.
Electrical Engineering B.S.
Mechanical Engineering B.S.

• **University of California, Santa Cruz**

Electrical Engineering and Society B.A.
Bioengineering B.S.
Bioengineering B.S. – Bioelectronics Concentration
Bioengineering B.S. – Biomolecular Concentration
Bioengineering B.S. – Rehabilitation Concentration
Bioinformatics B.S.
Computer Engineering B.S.
Electrical Engineering B.S.
Electrical Engineering B.S. – Communications Concentration
Electrical Engineering B.S. – Electronics/Optics Concentration

• **California Maritime Academy**

Facilities Engineering Technology B.S.
Mechanical Engineering B.S.

• **California Polytechnic State University, San Luis Obispo**

Liberal Arts and Engineering Studies B.A.

Biomedical Engineering B.S.
Civil Engineering B.S.
Electrical Engineering B.S.
General Engineering B.S.
General Engineering B.S. – Bioengineering Concentration
Materials Engineering B.S.
Mechanical Engineering B.S.
Mechanical Engineering B.S. – Heating, Ventilating, A/C and Refrigeration Concentration
Mechanical Engineering B.S. – Manufacturing Concentration
Mechanical Engineering B.S. – Mechatronics Concentration

• **California State Polytechnic University, Pomona**

Civil Engineering B.S.
Civil Engineering B.S. – Environmental Engineering Option
Civil Engineering B.S. – General Civil Engineering Option
Civil Engineering B.S. – Geospatial Engineering Option
Electronics and Computer Engineering Technology B.S.
Electrical Engineering B.S.
Engineering Technology B.S.
Mechanical Engineering B.S.

• **California State University, Bakersfield**

Engineering Sciences B.S.

• **California State University, Chico**

Civil Engineering B.S.
Electrical/Electronic Engineering B.S.
Mechanical Engineering B.S.
Mechatronic Engineering B.S.

• **California State University, Dominguez Hills**

Physics B.S. – Electrical Engineering Option

• **California State University, East Bay**

Computer Engineering B.S.
Industrial Engineering B.S.

• **California State University, Fresno**

Civil Engineering B.S.
Computer Science B.S.
Electrical Engineering B.S.
Geomatics Engineering B.S.
Mechanical Engineering B.S.

• **California State University, Fullerton**

Civil Engineering B.S.
Civil Engineering B.S. – Architectural Engineering Emphasis
Computer Engineering B.S.
Electrical Engineering B.S.
Mechanical Engineering B.S.
Mechanical Engineering B.S. – Manufacturing Engineering Emphasis

• **California State University, Long Beach**

Engineering Systems B.A.
Chemical Engineering B.S.
Civil Engineering B.S.
Computer Engineering B.S.
Electrical Engineering B.S.
Engineering B.S. – Biomedical and Clinical Engineering Option
Mechanical Engineering B.S.

- **California State University, Los Angeles**
Civil Engineering B.S.
Electrical Engineering B.S.
Engineering B.S.
Mechanical Engineering B.S.
- **California State University, Northridge**
Civil Engineering B.S.
Computer Engineering B.S.
Electrical Engineering B.S.
Engineering Management B.S.
Manufacturing Systems Engineering B.S.
Mechanical Engineering B.S.
- **California State University, Sacramento**
Civil Engineering B.S.
Electrical and Electronic Engineering B.S.
Mechanical Engineering B.S.
- **Humboldt State University**
Environmental Resources Engineering B.S.
- **San Diego State University**
Aerospace Engineering B.S.
Civil Engineering B.S.
Construction Engineering B.S.
Electrical Engineering B.S.
Environmental Engineering B.S.
Geological Sciences B.S. – Engineering Geology
Mechanical Engineering B.S.
Mechanical Engineering B.S. and Program M.S. (4+1)
Mechanical Engineering B.S. and Program in
Bioengineering M.S. (4+1)
- **San Francisco State University**
Civil Engineering B.S.
Computer Engineering B.S.
Electrical Engineering B.S.
Mechanical Engineering B.S.
- **San José State University**
Biomedical Engineering B.S.
Chemical Engineering B.S.
Civil Engineering B.S.
Computer Engineering B.S.
Electrical Engineering B.S.
General Engineering B.S.
Industrial Technology B.S. – Manufacturing Systems
Concentration
Materials Engineering B.S.
Mechanical Engineering B.S.
Software Engineering B.S.
- **Sonoma State University**
Electrical Engineering B.S.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Arizona State University**
Engineering
- **Loyola Marymount University**
B.A. Applied Mathematics
B.S. Applied Mathematics
B.S. Athletic Training
B.S. Biochemistry

B.S. Biology
B.S. Chemistry
B.S.E. (B.S. in Engineering) Civil Engineering
B.S. Computer Science
B.S.E. (B.S. in Engineering) Electrical Engineering
B.S. Environmental Science
B.A., B.S. Mathematics
B.S.E. (B.S. in Engineering) Mechanical Engineering
B.S. Natural Science
B.S. Physics or Engineering Physics

- **Polytechnic University, New York**
For all engineering programs, please see www.poly.edu/admissions/undergrad/transfersstudents/articulationagreements.cfm for detailed information.
- **University of Southern California (USC)**
B.S. Aerospace Engineering
B.S. Astronautical/Engineering
B.S. Biomedical/Engineering
B.S. Biomedical (Biochemical) Engineering
B.S. Biomedical (Electrical) Engineering
B.S. Biomedical (Mechanical) Engineering
B.S. Biomedical (Biochemical) Engineering
B.S. Chemical Engineering
B.S. Civil Engineering
B.S. Computer Science
B.S. Computer Engineering
B.S. Electrical Engineering
B.S. Environmental Engineering
B.S. Mechanical Engineering

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, private, and international institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Comprehensive Literature B.A.
English B.A.
- **University of California, Davis**
English A.B.

- **University of California, Irvine**
English B.A.
 - **University of California, Los Angeles**
English B.A.
Linguistics and English B.A.
 - **University of California, Merced**
English B.A.
 - **University of California, Riverside**
English B.A.
 - **University of California, San Diego**
Literature – Cultural Studies B.A.
Literature – Writing B.A.
Literature – Composite B.A.
Literature – Russian Literature B.A.
Literature – Spanish and Latin American Literature B.A.
Literature in French B.A.
Literature in German B.A.
Literature in Italian B.A.
Literature of the World B.A.
 - **University of California, Santa Barbara**
Creative Studies – Literature B.A.
English B.A.
 - **University of California, Santa Cruz**
Literature B.A.
 - **California Polytechnic State University, San Luis Obispo**
English B.A.
 - **California State Polytechnic University, Pomona**
English B.A. – English Education
English B.A. – Literature and Language
 - **California State University, Bakersfield**
English
English – Language and Literature
English – Credential Emphasis
 - **California State University Channel Islands**
English B.A.
English B.A. – Creative Writing Option
English B.A. – English Education Option
English B.A. – Multicultural Literature Option
 - **California State University, Chico**
English B.A. – English Education Option
English B.A. – Creative Writing Area of Study
English B.A. – General Studies Area of Study
English B.A. – Language and Literary Area of Study
English B.A. – Literature Area of Study
English B.A. – Theatre Arts Area of Study
English B.A. – English Studies Option
English B.A. – Literature Option
 - **California State University, Dominguez Hills**
English B.A.
English B.A. – Education Option
English B.A. – English Education Option (see separate articulation agreement)
English B.A. – Extended Studies – Communications Option
English B.A. – Language and Linguistics Option
English B.A. – Literature Option
 - **California State University, East Bay**
English B.A.
English B.A. – Creative Writing Option
 - **California State University, Fullerton**
English B.A.
 - **California State University, Long Beach**
English B.A.
English B.A. – Creative Writing option
English B.A. – English Education option
English B.A. – Literature Option
English B.A. – Rhetoric and Composition Option
English B.A. – Special Emphasis Option
 - **California State University, Los Angeles**
English B.A.
English B.A. – General Option
English B.A. – Single Subject Teaching option
 - **California State University, Monterey Bay**
Human Communication B.A. – English Subject Matter Preparation Concentration
 - **California State University, Northridge**
English B.A.
English B.A. – Literature Option
English B.A. – Creative Writing Option
English B.A. – English Credential (English Subject Matter Option – also available as JYI English) Option
English B.A. – Honors Option
English B.A. – Junior-Year Entry Integrated English Teacher Credential Program
 - **California State University, San Bernardino**
English B.A.
 - **California State University San Marcos**
Literature and Writing Studies
 - **Humboldt State University**
English
English – Single Subject Teaching
 - **San Francisco State University**
Comparative Literature B.A.
English B.A.
 - **San José State University**
English B.A.
English B.A. – Career Writing Concentration
English B.A. – Creative Writing Concentration
English B.A. – Preparation for Teaching (Single Subject)
- Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:
- **American University of Paris, France**
Comparative Literature
Literary Studies and Creative Arts
 - **Arizona State University**
B.A. English
B.A. English (Creative Writing)
 - **California College of the Arts**
Writing and Literature
 - **John Cabot University, Rome, Italy**
English Literature

This university is US regionally accredited. See www.smc.edu/articulation for general education admission requirements.

- **Loyola Marymount University**
B.A. English
- **Mills College**
B.A. English, Literature emphasis
B.A. English, Writing emphasis
- **Mount Saint Mary's College**
B.A. English
- **University of Gloucestershire, United Kingdom**
B.A. English Literature

Entertainment Promotion and Marketing Production

See **Broadcasting**

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 www.academy.smc.edu.

The Entertainment Technology program currently offers comprehensive Certificates of Achievement in Animation and Digital Media.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Animation (49 units)

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)

- Entertainment Technology 2, Storytelling (3)
- Entertainment Technology 3, Principles of Project Management (3)
- Entertainment Technology 18, Storyboarding (3)
- Entertainment Technology 20, Visual Development (3)
- Entertainment Technology 24, 3D Fundamentals I (4)
- Entertainment Technology 31A, Digital Video Fundamentals (3)
- Entertainment Technology 37, Digital Imaging (3) (*same as Graphic Design 64*)
- Entertainment Technology 40, Digital Audio Fundamentals (3)
- Entertainment Technology 61, History of Animation (3) (*same as Graphic Design 74*)
- Entertainment Technology 72, Career Exploration (2)
- Entertainment Technology 91, Perspective Drawing (2)
- Entertainment Technology 94, Color Theory (2)

Required Concentration; select one of the following areas: (total of 15 or 16 units as specified)

- GROUP A: 2D Animation Concentration: 16 units
- Entertainment Technology 19A, Beginning 2D Animation (3)
- Entertainment Technology 19B, Advanced 2D Animation (3)
- Entertainment Technology 30, Animation Project (4)
- Entertainment Technology 34, Web Animation I (3)
- Entertainment Technology 75, Digital Production for 2D Animation (3)

or

- GROUP B: 3D Animation Concentration: 16 units
- Entertainment Technology 19A, Beginning 2D Animation (3)
- Entertainment Technology 19B, Advanced 2D Animation (3)
- Entertainment Technology 24B, 3D Character Animation (3)
- Entertainment Technology 24C, Advanced 3D Character Animation (3)
- Entertainment Technology 30, Animation Project (4)

or

- GROUP C: 3D Modeling Concentration: 16 units
- Entertainment Technology 25, 3D Modeling and Rigging (3)
- Entertainment Technology 25B, 3D Character Creation (3)
- Entertainment Technology 25C, 3D Character Rigging (3)
- Entertainment Technology 26, 3D Rendering (3)
- Entertainment Technology 30, Animation Project (4)

or

- GROUP D: 3D Rendering Concentration: 16 units
- Entertainment Technology 25, 3D Modeling and Rigging (3)
- Entertainment Technology 26, 3D Rendering (3)
- Entertainment Technology 30, Animation Project (4)
- Entertainment Technology 32, Digital Compositing (3)
- Entertainment Technology 38, Digital Imaging II (3)

or

GROUP E: Digital Effects Concentration: 15 units
 Entertainment Technology 32, Digital Compositing (3)
 Entertainment Technology 63, Digital Tracking &
 Integration (3)
 Entertainment Technology 64, Digital Effects I (3)
 Entertainment Technology 65, Digital Effects II (3)

or

Entertainment Technology 33, Advanced Digital
 Compositing (3) (*same as CIS 54*)
 Entertainment Technology 80, Digital Effects Project (3)

or

GROUP F: 3D Game Design Concentration: 16 units
 Entertainment Technology 15, Beginning 3D Level
 Design (3)
 Entertainment Technology 17, Advanced 3D Level Design
 (3)
 Entertainment Technology 42, Principles of Game
 Development (3)
 Entertainment Technology 44, Game Design/Play
 Mechanics (3)
 Entertainment Technology 49, Game Development
 Project (4)

Digital Media (44 units)

Focusing on the design and implementation of digital media for the entertainment industry, the Digital Media Associate degree covers a range of audio and video production and post-production techniques.

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 Foundation Courses:

Entertainment Technology 2, Storytelling (3)
 Entertainment Technology 3, Principles of Project
 Management (3)
 Entertainment Technology 18, Storyboarding (3)
 Entertainment Technology 31A, Digital Video
 Fundamentals (3)
 Entertainment Technology 31B, Digital Video Editing (3)
 Entertainment Technology 37, Digital Imaging (3) (*same
 as Graphic Design 64*)
 Entertainment Technology 38, Digital Imaging for Design
 2 (3)
 Entertainment Technology 40, Digital Audio
 Fundamentals (3)
 Entertainment Technology 41, Digital Audio Editing (3)
 Entertainment Technology 58, Motion Graphics I (3)
 Entertainment Technology 59, Motion Graphics II (3)
 Entertainment Technology 60, Post Production Project
 (3)
 Entertainment Technology 94, Color Theory and
 Application (2)
 Film Studies 1, Film Appreciation: Introduction to
 Cinema (3)

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Animation (49 units)

A Certificate of Achievement is granted upon completion of the required courses listed on the Associate degree.

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

Digital Media (44 units)

A Certificate of Achievement is granted upon completion of the required courses listed on the Associate degree.

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

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

2D Animation (16 units)

Entertainment Technology 19, Beginning 2D Animation
 (3)
 Entertainment Technology 19B, Advanced 2D Animation
 (3)
 Entertainment Technology 30, Animation Project (4)
 Entertainment Technology 34, Web Animation I (3)
 Entertainment Technology 75, Digital Production for 2D
 Animation (3)

3D Animation (16 units)

Entertainment Technology 19, Beginning 2D Animation
 (3)
 Entertainment Technology 19B, Advanced 2D Animation
 (3)
 Entertainment Technology 24B, 3D Character Animation
 (3)
 Entertainment Technology 24C, Advanced 3D Character
 Animation (3)
 Entertainment Technology 30, Animation Project (4)

3D Modeling (16 units)

Entertainment Technology 25, 3D Modeling and Rigging
 (3)
 Entertainment Technology 25B, 3D Character Creation
 (3)
 Entertainment Technology 25C, 3D Character Rigging (3)
 Entertainment Technology 26, 3D Rendering (3)
 Entertainment Technology 30, Animation Project (4)

3D Rendering (16 units)

Entertainment Technology 25, 3D Modeling and Rigging
 (3)
 Entertainment Technology 26, 3D Rendering (3)
 Entertainment Technology 30, Animation Project (4)
 Entertainment Technology 32, Digital Compositing (3)

Entertainment Technology 38, Digital Imaging II (3)

Digital Effects (15 units)

Entertainment Technology 32, Digital Compositing (3)

Entertainment Technology 63, Digital Tracking and Integration (3)

Entertainment Technology 64, Digital Effects I (3)

Entertainment Technology 65, Digital Effects II (3)

or

Entertainment Technology 33, Advanced Digital Compositing (3) (*same as CIS 54*)

Entertainment Technology 80, Digital Effects Project (3)

Game Design (16 units)

Entertainment Technology 15, Beginning 3D Level Design (3)

Entertainment Technology 17, Advanced 3D Level Design (3)

Entertainment Technology 42, Principles of Game Development (3)

Entertainment Technology 44, Game Design/Play Mechanics (3)

Entertainment Technology 49, Game Development Project (4)

SUGGESTED ANIMATION CERTIFICATE OF ACHIEVEMENT SEQUENCE (49-50 UNITS)

SEMESTER 1

Entertainment Technology 2, Storytelling (3)

Entertainment Technology 18, Digital Storyboarding (3)

Entertainment Technology 24, 3D Fundamentals (4)

Entertainment Technology 91, Perspective Drawing (2)

Entertainment Technology 94, Color Theory (2)

INTERSESSION 1

Entertainment Technology 61, History of Animation (3)
(*same as Graphic Design 74*)

SEMESTER 2

Entertainment Technology 31A, Digital Video Fundamentals (3)

Entertainment Technology 37, Digital Imaging for Design (3) (*same as Graphic Design 64*)

And one of the following concentrations:

GROUP A CONCENTRATION:

Entertainment Technology 19A, Beginning 2D Animation (3)

Entertainment Technology 34, Web Animation 1 (3)

or

GROUP B CONCENTRATION:

Entertainment Technology 19A, Beginning 2D Animation (3)

Entertainment Technology 24B, 3D Character Animation 1 (3)

or

GROUP C CONCENTRATION:

Entertainment Technology 25, 3D Modeling (3)

or

GROUP D CONCENTRATION:

Entertainment Technology 25, 3D Modeling (3)

Entertainment Technology 32, Digital Compositing (3)

or

GROUP E CONCENTRATION:

Entertainment Technology 32, Digital Compositing (3)

Entertainment Technology 64, Digital Effects 1 (3)

or

GROUP F CONCENTRATION:

Entertainment Technology 15, Beginning 3D Level Design (3)

Entertainment Technology 42, Principles of Game Development (3)

INTERSESSION 2

Entertainment Technology 3, Project Management (3)

SEMESTER 3

Entertainment Technology 20, Visual Development (3)

Entertainment Technology 40, Digital Audio Fundamentals (3)

And one of the following concentrations:

GROUP A CONCENTRATION:

Entertainment Technology 19B, Advanced 2D Animation (3)

Entertainment Technology 75, Digital Production for 2D Animation (3)

or

GROUP B CONCENTRATION:

Entertainment Technology 19B, Advanced 2D Animation (3)

Entertainment Technology 24C, 3D Character Animation (3)

or

GROUP C CONCENTRATION:

Entertainment Technology 25B, 3D Character Creation (3)

Entertainment Technology 25C, 3D Character Rigging (3)

or

GROUP D CONCENTRATION:

Entertainment Technology 26, 3D Rendering (3)

Entertainment Technology 38, Digital Imaging for Design 2 (3)

or

GROUP E CONCENTRATION:

Entertainment Technology 63, Digital Tracking and Integration (3)

Entertainment Technology 65, Digital Effects 2 (3)

or

GROUP F CONCENTRATION:

Entertainment Technology 17, Advanced 3D Level Design (3)

Entertainment Technology 44, Game Design/Play Mechanics (3)

INTERSESSION 3

Entertainment Technology 72, Career Development (2)

SEMESTER 4

GROUP A-D CONCENTRATION:

Entertainment Technology 30, Animation Project (4)

or

GROUP E CONCENTRATION:

Entertainment Technology 80, Digital Effects Project (3)

or

GROUP F CONCENTRATION:

Entertainment Technology 49, Game Development Project (4)

Environmental Studies and Environmental Science

The **Environmental Studies Program** 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.

The **Environmental Science Program** is an interdisciplinary and multidisciplinary 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.

The Environmental Studies and Environmental Science degrees correlate with some of the lower division courses required to transfer into Environmental Studies or Environmental Science Programs (or related disciplines) at several four-year institutions. The Environmental Studies Certificate of Achievement demonstrates completion of all required coursework in the Environmental Studies area of emphasis. The Environmental Science Certificate of Achievement demonstrates completion of all required coursework in the Environmental Science area of emphasis.

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

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Environmental Economics and Policy B.S.
Environmental Economics and Policy B.S.
Environmental Engineering Science B.S.
Environmental Science B.S.
Environmental Science B.S. – Biological Science Concentration
Environmental Science B.S. – Physical Science Concentration
Environmental Science B.S. – Social Science Concentration
- **University of California, Davis**
Agricultural and Environmental Education B.S.
Environmental Horticulture and Urban Forestry B.S.

Environmental Policy Analysis and Planning B.S.
Environmental Science and Management B.S.
Environmental Toxicology B.S.
Marine and Coastal Science B.S. – Coastal Environmental Processes
Marine and Coastal Science B.S. – Marine Environmental Chemistry

- **University of California, Irvine**
Environmental Science B.A.
Environmental Engineering B.S.
Earth Systems Science B.S.
- **University of California, Los Angeles**
Earth and Environmental Science B.A.
Geography/Environmental Studies B.A.
Atmospheric, Oceanic, and Environmental Sciences B.S.
Environmental Science B.S.
- **University of California, Merced**
Environmental Engineering B.S.
- **University of California, Riverside**
Environmental Sciences B.A.
Environmental Sciences B.A. – Natural Science Option
Environmental Engineering B.S.
- **University of California, San Diego**
Environmental Systems/Environmental Policy B.A.
Chemistry and Biochemistry – Environmental Chemistry B.S.
Environmental Systems/Earth Sciences B.S.
Environmental Systems/Ecology, Behavior, and Evolution B.S.
Environmental Systems/Environmental Chemistry B.S.
- **University of California, Santa Barbara**
Environmental Studies B.A.
History of Art and Architecture B.A. – Architecture and Environment Emphasis
Earth Science B.S. – Climate and Environment Emphasis
Environmental Studies B.S.
- **University of California, Santa Cruz**
Environmental Studies B.A.
Environmental Studies/Biology Combined B.A.
Environmental Studies/Earth Sciences Combined B.A.
Environmental Studies/Economics Combined B.A.
Chemistry B.S. – Environmental Chemistry Concentration
Earth Sciences B.S. – Environmental Geology Concentration
- **California Polytechnic State University, San Luis Obispo**
Agricultural and Environmental Plant Sciences B.S.
Agricultural and Environmental Plant Sciences B.S. – Crop Science Concentration
Agricultural and Environmental Plant Sciences B.S. – Fruit Science Concentration
Agricultural and Environmental Plant Sciences B.S. – Greenhouse and Nursery Plant Production Concentration
Agricultural and Environmental Plant Sciences B.S. – Plant Protection Science Concentration
Agricultural and Environmental Plant Sciences B.S. – Public Horticulture Concentration

- Agricultural and Environmental Plant Sciences B.S. – Sustainable Landscape Management and Design Concentration
- Agricultural and Environmental Plant Sciences B.S. – Turf grass and Sports Field Management Concentration
- Environmental Earth Sciences B.S.
- Environmental Earth Sciences B.S. – Climate Change Studies Concentration
- Environmental Earth Sciences B.S. – Environment Interpretation and Assessment Concentration
- Environmental Earth Sciences B.S. – Geology Concentration
- Environmental Earth Sciences B.S. – Geosciences Teaching Concentration
- Environmental Earth Sciences B.S. – Land and Water Resources Concentration
- Environmental Earth Sciences B.S. – Individualized Course of Study
- Environmental Engineering B.S.
- Environmental Management and Protection B.S.
- Environmental Management and Protection B.S. – Environmental Impact Mitigation Strategies Concentration
- Environmental Management and Protection B.S. – Environmental Policy and Management Concentration
- Environmental Management and Protection B.S. – Watershed Management and Hydrology Concentration
- Environmental Management and Protection B.S. – Wildlife Biology Concentration
- Environmental Soil Science B.S.
- Environmental Soil Science B.S. – Environmental Management Concentration
- Environmental Soil Science B.S. – Environmental Science Technology Concentration
- Environmental Soil Science B.S. – Land Resources Concentration
- **California State Polytechnic University, Pomona**
Civil Engineering B.S. – Environmental Engineering
Environmental Biology B.S.
Environmental Biology B.S. – Conservation Biology Cluster
Environmental Biology B.S. – Ecosystem Ecology and Management Cluster
Environmental Biology B.S. – Environmental Microbiology and Biotechnology Cluster
Geography B.S. – Environmental Geography
 - **California State University, Bakersfield**
Environmental Resource Management
 - **California State University Channel Islands**
Environmental Science and Resource Management B.S.
Environmental Science and Resource Management B.S. – Environmental Science Emphasis
Environmental Science and Resource Management B.S. – Resource Management Emphasis
 - **California State University, Chico**
Geology B.A. – Physical and Environmental Option
Natural Sciences B.A. – Environmental Science Option
Environmental Science B.A. – Applied Ecology Option
Environmental Science B.S. – Atmosphere and Climate Option
- Environmental Science B.S. – Energy and Earth Resources Option
- Environmental Science B.S. – Hydrology Option
- **California State University, East Bay**
Environmental Studies B.A.
Environmental Studies B.S.
Health Sciences – B.S. – Environmental Health and Safety Option
 - **California State University, Long Beach**
Environmental Science and Policy B.A.
Environmental Science and Policy B.S.
 - **California State University, Monterey Bay**
Environmental Studies B.A. – Environmental Education Concentration
Environmental Studies B.A. – Science and Sustainable Communities Concentration
Environmental Science, Technology and Policy B.S. – Applied Ecology Concentration
Environmental Science, Technology and Policy B.S. – Natural Resources Concentration
Environmental Science, Technology and Policy B.S. – Watershed Systems Concentration
 - **California State University, Northridge**
Environmental Geology Option
Environmental and Occupational Health B.S. – Industrial Hygiene Option
Geology B.S.
Geology B.S. – Geology Option
Geology B.S. – Environmental Geology Option
Geology B.S. – Secondary Teaching Option
Geology B.S. – Geophysics Option
 - **California State University San Marcos**
Environmental Studies B.A.
 - **California State University, Sacramento**
Environmental Studies
 - **California State University, San Bernardino**
Environmental Studies B.A. – Track A
Environmental Studies B.A. – Track B
 - **Humboldt State University**
Environmental Management and Protection
Environmental Education and Interpretation Option
Environmental and Natural Resources Planning Option
Environmental and Natural Resources Recreation Option
Environmental Resource Engineering
Environmental Science – Ecological Restoration
Environmental Science – Energy and Climate
Environmental Science – Environmental Policy
Environmental Science – Geospatial Science
Environmental Studies B.A.
 - **San Diego State University**
Environmental Engineering
Environmental Sciences
Environmental Sciences – Emphasis in Watershed Science
Geography – Environmental and Physical Geography
Geography – Environmental and Society
International Security and Conflict Resolution – Spec. in Environment and Security

- **San Francisco State University**

Earth Sciences B.A.
Environmental Studies B.A.
Environmental Studies B.S.

- **San José State University**

Environmental Studies B.A.
Environmental Studies B.A. – Preparation for Teaching
(Multiple Subjects)
Environmental Studies B.S.
Environmental Studies B.S. – Concentration in
Environmental Restoration and Resource Management
Environmental Studies B.S. – Concentration in Energy
Environmental Studies B.S. – Concentration In
Environmental Impact Assessment

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**

B.S. Environmental Science

- **Mills College**

B.A. Environmental Science

- **University of Otago, New Zealand**

B.S. Environmental Management

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Environmental Studies (24 units)

Program Learning Outcomes: After completing the program in Environmental Studies, 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)

Biology 9, Environmental Biology (3)
Environmental Studies 7, Introduction to Environmental Studies (3) (*same as Geography 7*)

Select one course from the following:

Environmental Studies 14, US Environmental History (3) (*same as History 14*)
Environmental Studies 20, Environmental Ethics (3) (*same as Philosophy 20*)

Environmental Studies 22, Environmental Politics and Policies (3) (*same as Political Science 22*)
Environmental Studies 32, Global Environmental History (3) (*same as History 32*)
Environmental Studies 40, Environmental Psychology (3) (*same as Psychology 40*)

Field Studies/Applied: (3 units)

Biology 45A-Z, Field Studies in Natural History (0.5-3)
Biology 46A-Z, Field Studies in Natural History (0.5-3)
Botany 3, Field Botany (4)
Environmental Studies 88A, Independent Studies in Environmental Studies (1)
Environmental Studies 88B, Independent Studies in Environmental Studies (2)
Environmental Studies 88C, Independent Studies in Environmental Studies (3)
Geography 20, Introduction to Geographic Information Systems (3) (*same as CIS 20 and GIS 20*)
Geography 35F, Field Study: California (1)
Geography 35S, Geography Field Studies (1)
Geology 35, Field Studies: California (1-3)
Zoology 20, Vertebrate Field Studies (3)

Ecology/Physical Science/Natural Science: (3 units)

Biology 3, Fundamentals of Biology (4)
Biology 15, Marine Biology with Laboratory (4)
Biology 15N, Marine Biology (No-Laboratory) (3)
Biology 21, Cell Biology and Evolution (4)
Botany 1, General Botany (4)
Chemistry 9, Everyday Chemistry (5)
Chemistry 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)
Zoology 5, Introductory Zoology (4)

Earth Science: (3 units)

Geography 1, Introduction to Natural Environmental (3)
Geography 3, Weather and Climate (3)
Geography 5, Physical Geography with Laboratory (4)
Geology 1, Physical Geology without Laboratory (3)
Geology 3, Introduction to Environmental Geology (3)
Geology 4, Physical Geology with Laboratory (4)
Geology 31, Introduction to Physical Oceanography (3)

Social Science: (6 units required, as specified)

GROUP A:

Select one course from the following:

Economics 1, Principles of Microeconomics (3)
Economics 2, Principles of Macroeconomics (3)
Political Science 1, National and California Government (3)

Group B:

Select one course from the following:

Anthropology 2, Cultural Anthropology (3)
Environmental Studies 14, US Environmental History (3) (*same as History 14*)
Environmental Studies 20, Environmental Ethics (3) (*same as Philosophy 20*)
Environmental Studies 22, Environmental Politics and Policies (3) (*same as Political Science 22*)
Environmental Studies 32, Global Environmental History (3) (*same as History 32*)

Environmental Studies 40, Environmental Psychology (3)
(same as Psychology 40)
 Geography 2, Introduction to Human Geography (3)
 Geography 8, Introduction to Urban Studies (3) *(same as Urban Studies 8)*
 Geography 11, World Geography (3) *(same as Global Studies 11)*
 Geography 14, Geography of California (3)
 Psychology 1, General Psychology (3)
 Sociology 1, Introduction to Sociology (3)
 Sociology 1 S, Introduction to Sociology – Service Learning (3)
 Sociology 2, Social Problems (3)
 Sociology 2 S, Social Problems – Service Learning (3)

Environmental Science (39 units)

Program Learning Outcomes: After completing the program in Environmental Science, 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 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.

Required Core Courses: (6 units)

Biology 9, Environmental Biology (3)
 Environmental Studies 7, Introduction to Environmental Studies (3) *(same as Geography 7)*

Field Studies/Applied: (3 units minimum)

Biology 45A-Z, Field Studies in Natural History (0.5-3)
 Biology 46A-Z, Field Studies in Natural History (0.5-3)
 Botany 3, Field Botany (4)
 Environmental Studies 88A, Independent Studies in Environmental Studies (1)
 Environmental Studies 88B, Independent Studies in Environmental Studies (2)
 Environmental Studies 88C, Independent Studies in Environmental Studies (3)
 Geography 20, Introduction to Geographic Information Systems (3) *(same as CIS 20 and GIS 20)*
 Geography 35F, Field Study: California (1)
 Geography 35S, Geography Field Studies (1)
 Geology 35, Field Studies: California (1-3)
 Zoology 20, Vertebrate Field Studies (3)

Ecology/Physical Science/Natural Science: (4 units)

Biology 3, Fundamentals of Biology (4)
 Biology 15, Marine Biology with Laboratory (4)
 Biology 21, Cell Biology and Evolution (4)
 Botany 1, General Botany (4)
 Zoology 5, Introductory Zoology (4)

Physical Science: Chemistry (5 units)

Chemistry 10, Introductory General Chemistry (5)
 Chemistry 11, General Chemistry I (5)

Physical Science: Physics (4 units)

Physics 6, General Physics I with Lab (4)
 Physics 7, General Physics 2 with Lab (4)

Physics 8, Calculus-based General Physics I with Lab (4)
 Physics 14, Introductory Physics with Laboratory (4)

Earth Science: (3 units)

Geography 1, Introduction to Natural Environmental (3)
 Geography 3, Weather and Climate (3)
 Geography 5, Physical Geography with Laboratory (4)
 Geology 1, Physical Geology without Laboratory (3)
 Geology 3, Introduction to Environmental Geology (3)
 Geology 4, Physical Geology with Laboratory (4)
 Geology 31, Introduction to Physical Oceanography (3)

Mathematics: (8 units required, as specified)

Math 28, Calculus 1 for Business and Social Science (5) **and** Math 29, Calculus 2 for Business and Social Science (3)

or

Math 7, Calculus 1 (5) **and** Math 8, Calculus 2 (5)

Social Science: (6 units required, as specified)

Group A:

Select one course from the following:

Economics 1, Principles of Microeconomics (3)
 Economics 2, Principles of Macroeconomics (3)
 Political Science 1, National and California Government (3)

Group B:

Select one course from the following:

Anthropology 2, Cultural Anthropology (3)
 Environmental Studies 14, US Environmental History (3)
(same as History 14)
 Environmental Studies 20, Environmental Ethics (3)
(same as Philosophy 20)
 Environmental Studies 22, Environmental Politics and Policies (3) *(same as Political Science 22)*
 Environmental Studies 40, Environmental Psychology (3)
(same as Psychology 40)
 Geography 2, Introduction to Human Geography (3)
 Geography 8, Introduction to Urban Studies (3) *(same as Urban Studies 8)*
 Geography 11, World Geography (3) *(same as Global Studies 11)*
 Geography 14, Geography of California (3)
 Psychology 1, General Psychology (3)
 Sociology 1, Introduction to Sociology (3)
 Sociology 1 S, Introduction to Sociology – Service Learning (3)
 Sociology 2, Social Problems (3)
 Sociology 2 S, Social Problems – Service Learning (3)

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

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

Environmental Studies (24 units)

A Certificate of Achievement in Environmental Studies is granted upon completion of 24 required units listed on the Environmental Studies Associate degree.

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

Environmental Science (39 units)

A Certificate of Achievement in Environmental Science is granted upon completion of 39 required units listed on the Environmental Science Associate degree.

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

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.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

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 following courses: Arabic 1, Chinese 1; Hebrew 1; Japanese 1; Korean 1; Persian 1; Spanish 1 or 11.

Ethnic Studies (24 units)

Program Learning Outcomes: After completing the program in Ethnic Studies, 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: (12 units)

English 10, Ethnic Literature of the US (3)
History 10, Ethnicity and American Culture (3)
Political Science 21, Race, Ethnicity, and the Politics of Difference (3)
Sociology 34, Racial and Ethnic Relations in American Society (3)

Arts: (3 units)

Art History 72, American Art History (3) (*formerly Art 72*)
Dance 2, Dance in American Culture (3)
Music 33, Jazz in American Culture (3)
Music 37, Music in American Culture (3)

Inter-Ethnic Studies: (3 units)

Anthropology 2, Cultural Anthropology (3)
Communication Studies 14, Oral Interpretation:
Performing Literature Across Cultures (3) (*formerly Speech 4*)
Communication Studies 37, Intercultural Communication (3) (*formerly Speech 7*)
Early Childhood Education 18, Childhood: Culture and Personality (3) (*same as Psychology 18*)
Film Studies 7, American Cinema: Crossing Cultures (3) (*formerly Cinema 7*)
Geography 2, Introduction to Human Geography (3)
Geography 14, Geography of California (3)
Media Studies 10, Media, Gender, and Race (3) (*formerly Communication 10*)
Nutrition 7, Food and Culture in America (3)
Psychology 18, Childhood: Culture and Personality (3) (*same as Early Childhood Education 18*)
Sociology 1, Introduction to Sociology (3)
or
Sociology 1S, Introduction to Sociology–Service Learning (3)

Intra-Ethnic Studies: 6 units required – no more than 3 units from one discipline

Art:
Art History 71, African American Art History (3) (*formerly Art 71*)
English:
English 34, African-American Literature (3)
English 41, Asian American Literature (3)
English 53, Latino Literature in the United States (3)
English 54, Native American Literature (3)
History:
History 16, African American History (3)
History 41, Native American History (3)
History 42, The Latina(o) Experience in the United States (3)
History 43, Mexican-American History (3)
History 62, Asian American History (3)
Sociology:
Sociology 30, African Americans in Contemporary Society (3)

Sociology 31, Latinas/os in Contemporary Society (3)
Sociology 32, Asian Americans in Contemporary Society
(3)

CERTIFICATE OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Ethnic Studies (24 units)

A *Certificate of Achievement in Ethnic Studies* is granted upon completion of 24 required units listed in the *Ethnic Studies Associate degree*.

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

Fashion Design and Merchandising

FASHION DESIGN

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 MERCHANDISING

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation

agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Davis**
Fiber and Polymer Science B.S.
Textile Clothing B.S. – Marketing/Economics
Textile Clothing B.S. – Textile Science
- **California State Polytechnic University, Pomona**
Apparel Merchandising and Management B.S. – Apparel Production
Apparel Merchandising and Management B.S. – Fashion Design Management Emphasis
Apparel Merchandising and Management B.S. – International Apparel Management Emphasis
Apparel Merchandising and Management B.S. – Fashion Retailing
- **California State University, Long Beach**
Family and Consumer Sciences B.A. – Fashion Design Option
Family and Consumer Sciences B.A. – Fashion Merchandising Option
- **California State University, Los Angeles**
Art B.A. – Fashion and Textiles Option
Art B.A. – Fashion Design Option
Art B.A. – Fashion Merchandising Option
- **California State University, Northridge**
Family and Consumer Sciences B.S.
Family and Consumer Sciences B.S. – Apparel Design and Merchandising Option
- **California State University, Sacramento**
Family and Consumer Sciences – Fashion Merchandising and Design

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University, San Francisco**
B.F.A. Fashion Design and Illustration
- **The Art Institute of California, a College of Argosy University**
B.F.A. Fashion Design
B.S. Fashion Marketing and Management
B.S. Fashion and Retail Management
- **California College of the Arts**
Fashion Design
- **Fashion Institute of Design & Merchandising (FIDM)**
Fashion Design
- **Mount Ida College**
B.S. Fashion Design
B.S. Fashion Merchandising – Merchandising and Marketing

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Suggested Fashion Design Course Path:

First Year:

Fall:

Fashion 1, Fashion Trends and Design (3)

Fashion 2, Color Analysis (3)

Fashion 3, Apparel Construction (3)

Non-fashion elective (3)

Spring:

Fashion 5, Fashion Buying (3)

Fashion 6A, Pattern Analysis and Design (2) (*prerequisite: Fashion 3*)

Fashion 7, Fabrics for Fashion Design and Merchandising (3)

Fashion 8, History of Fashion Design (3)

Second Year:

Fall:

Fashion 9A, Fashion Illustration and Advertising (3)

Fashion 10, Advanced Design and Construction (3) (*prerequisite: Fashion 3*)

Fashion 13, Draping I (3) (*prerequisite: Fashion 6A*)

Spring:

Fashion 12, Fashion Show Production (3) (*skills advisory: Fashion 6A or 13*)

Fashion 18, Computer Assisted Fashion Illustrator and Design (2) (*prerequisite: Fashion 1 and 9A*)

Fashion elective (3)

Fashion Design (40 units)

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)

Fashion 1, Fashion Trends and Design (3)

Fashion 2, Color Analysis (3)

Fashion 3, Apparel Construction (3)

SECOND LEVEL COURSES: (11-12 units)

Fashion 5, Fashion Buying (3)

Fashion 6A, Pattern Analysis and Design (2) (*prerequisite: Fashion 3*)

Fashion 7, Fabrics for Fashion Design and Merchandising (3)

Fashion 8, History of Fashion Design (3)

THIRD LEVEL COURSES

Fashion 9A, Fashion Illustration and Advertising (3)

Fashion 10, Advanced Design and Construction (3) (*prerequisite: Fashion 3*)

Fashion 13, Draping I (3) (*prerequisite: Fashion 6A*)

FOURTH LEVEL COURSES

Fashion 12, Fashion Show Production (3) (*skills advisory: Fashion 6A or 13*)

Fashion 18, Computer Assisted Fashion Illustrator and Design (2) (*prerequisite: Fashion 1 and 9A*)

ELECTIVE COURSES: select a minimum of 6 units from the list of courses below:

Accounting 1, Introduction to Financial Accounting (5)

Art 10A, Design I (3)

Art 20B, Drawing II (3)

Business 21, Merchandising Principles (3)

Business 63, Principles of Entrepreneurship (3)

Fashion 6B, Pattern Drafting and Design Intermediate (3) (*prerequisite: Fashion 6A*)

Fashion 9B, Advanced Fashion Illustration (2) (*prerequisite: Fashion 2 and 9A*)

Fashion 11, Advanced Clothing – Tailoring (2) (*prerequisite: Fashion 3*)

Fashion 14, Draping II (3) (*prerequisite: Fashion 13*)

Fashion 15, Ethnic Fashion (3) (*skills advisory: Fashion 6A or 9*)

Fashion 16, Pattern Grading (2) (*skills advisory: Fashion 6A or 9*)

Fashion 17, Apparel Production Manufacturing Techniques (3) (*prerequisite: Fashion 36 or 13*)

Fashion 19, Fashion Marketing (3) (*prerequisite: Fashion 1 and 5*)

Fashion 20, Window Display for Fashion (3) (*prerequisite: Fashion 1 and 5*)

Fashion 88A, Independent Studies in Fashion (1)

Fashion 88B, Independent Studies in Fashion (2)

Fashion 88C, Independent Studies in Fashion (3)

Fashion 90A, Internship (1)

Fashion 90B, Internship (2)

Fashion 90C, Internship (3)

Suggested Fashion Merchandising Course Path:

First Year:

Fall:

Fashion 1, Fashion Trends and Design (3)

Fashion 2, Color Analysis (3)

Non-fashion elective (3)

Spring:

Fashion 3, Apparel Construction (3)

Fashion 5, Fashion Buying (3)

Fashion 7, Fabrics for Fashion Design and Merchandising (3)

Fashion 8, History of Fashion Design (3)

Second Year:

Fall:

Business 21, Merchandising Principles (3)

Fashion 18, Computer Assisted Fashion Illustrator and Design (2) (*prerequisite: Fashion 1 and 9A*)

Fashion elective (3)

Fashion 20

Spring:

Business 23, Principles of Selling (3)
 Fashion 12, Fashion Show Production (3) (*skills advisory:*
Fashion 6A or 13)
 Fashion elective (3)

Fashion Merchandising (40 units)

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)

Fashion 1, Fashion Trends and Design (3)
 Fashion 2, Color Analysis (3)

SECOND LEVEL COURSES:

Fashion 3, Apparel Construction (3)
 Fashion 5, Fashion Buying (3)
 Fashion 7, Fabrics for Fashion Design and Merchandising (3)
 Fashion 8, History of Fashion Design (3)

THIRD LEVEL COURSES

Business 21, Merchandising Principles (3)
 Fashion 18, Computer Assisted Fashion Illustrator and Design (2) (*prerequisite: Fashion 1 and 9A*)
 Fashion 20, Window Display for Fashion (3) (*prerequisite: Fashion 1 and 5*)

FOURTH LEVEL COURSES

Business 23, Principles of Selling (3)
 Fashion 12, Fashion Show Production (3) (*skills advisory:*
Fashion 6A or 13)

ELECTIVE COURSES: *select a minimum of 8 units from the list of courses below:*

Accounting 1, Introduction to Financial Accounting (3)
 Art 10A, Design I (3)
 Art 20B, Drawing II (3)
 Business 25, Advertising Display (3)
 Business 63, Principles of Entrepreneurship (3)
 Fashion 6A, Pattern Analysis and Design (2) (*prerequisite: Fashion 3*)
 Fashion 6B, Pattern Drafting and Design Intermediate (3) (*prerequisite: Fashion 6A*)
 Fashion 9A, Fashion Illustration and Merchandising Advertising (3)
 Fashion 9B, Advanced Fashion Illustration and Advertising (2) (*prerequisite: Fashion 2 and 9A*)
 Fashion 10, Advanced Design and Construction (3) (*prerequisite: Fashion 3*)
 Fashion 11, Advanced Clothing – Tailoring (2) (*prerequisite: Fashion 3*)
 Fashion 13, Draping I (3) (*prerequisite: Fashion 6A*)

Fashion 14, Draping II (3) (*prerequisite: Fashion 13*)
 Fashion 15, Ethnic Fashion (3) (*skills advisory: Fashion 6A or 9*)
 Fashion 16, Pattern Grading (2) (*skills advisory: Fashion 6A or 9*)
 Fashion 17, Apparel Production Manufacturing Techniques (3) (*prerequisite: Fashion 6 or 13*)
 Fashion 19, Fashion Marketing (3) (*prerequisite: Fashion 1 and 5*)
 Fashion 88A, Independent Studies in Fashion (1)
 Fashion 88B, Independent Studies in Fashion (2)
 Fashion 88C, Independent Studies in Fashion (3)
 Fashion 90A, Internship (1)
 Fashion 90B, Internship (2)
 Fashion 90C, Internship (3)

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Fashion Design (40 units)

A Certificate of Achievement in Fashion Design is granted upon completion of 40 units from the courses in the major above.

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

Fashion Merchandising (40 units)

A Certificate of Achievement in Fashion Merchandising is granted upon completion of 40 units from the courses in the major above.

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

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.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement,

and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Film Production (30-33 units)

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: (6-9 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, History of Motion Pictures (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, History of Motion Pictures (3)

Film 33L, Directing the Short Film Lab (2)

Specialized Courses: (6 units)

Film 40, Cinematography (3)

Film 50, Production Sound (3)

Entertainment Technology 31A, Digital Video Fundamentals (3)

Elective Courses: (minimum 6 units)

Art History 11, Art Appreciation Introduction to Global Visual Culture (3)

Entertainment Technology 31B, Digital Video Editing (3)

Entertainment Technology 40, Digital Audio Fundamentals (3)

Entertainment Technology 60, Post Production Project (3)

Film 7, American Cinema Crossing Cultures (3)

Film 21, Advanced Scriptwriting (3)

CERTIFICATE OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Film Production (30-33 units)

A Certificate of Achievement in Film Production is granted upon completion of the required courses listed on the Associate degree.

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

Film Studies

Formerly Cinema

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, private, and international institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Film Studies B.A.
- **University of California, Davis**
Film Studies A.B.
- **University of California, Irvine**
Film and Media Studies B.A.
- **University of California, Los Angeles**
Film and Television B.A.
- **University of California, Riverside**
Media and Cultural Studies B.A.
- **University of California, Santa Barbara**
Film and Media Studies B.A.
- **University of California, Santa Cruz**
Film and Digital Media B.A.
Film and Digital Media B.A. – Critical Studies Concentration
Film and Digital Media B.A. – Integrated Critical Practice Concentration
Film and Digital Media B.A. – Production Concentration
- **California State University, Long Beach**
Film and Electronic Arts B.A. – Narrative Production Option
Film and Electronic Arts B.A. – Theory and Practice of Cinema Option
- **California State University, Los Angeles**
Television, Film and Media Studies
Broadcast Journalism Option
Television and Film Option
- **California State University, Monterey Bay**
Cinema Arts and Technology B.A.

- **California State University, Northridge**
Cinema and Television Arts B.A. (formerly Radio-Television-Film Communication)
Cinema and Television Arts B.A. – Electronic Media Management Option
Cinema and Television Arts B.A. – Film Production Option
Cinema and Television Arts B.A. – Media Theory and Criticism Option
Cinema and Television Arts B.A. – Television Production Option
Cinema and Television Arts B.A. – Multimedia Production Option
Cinema and Television Arts B.A. – Screenwriting Option
- **San Diego State University**
Television, Film and New Media Production B.S.
Television, Film and New Media Production B.S. – Production Emphasis
Theater Arts – Design for Television and Film Emphasis
- **San Francisco State University**
Cinema B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University, San Francisco**
B.F.A. Cinematography and Production
- **American University of Paris, France**
Film Studies
- **Anglia Ruskin University, Cambridge, United Kingdom**
B.A. Film Studies
- **The Art Institute of California, a College of Argosy University**
B.S. Digital Cinema and Video Production (offered through Hollywood and Los Angeles campuses)
B.S. Digital Filmmaking and Video Production
- **California College of the Arts**
Film
- **Chapman University**
Film Production
- **Loyola Marymount University**
B.A. Production, Film and Television
B.A. Recording Arts
B.A. Screenwriting
- **University of Gloucestershire, United Kingdom**
B.A. Film Studies
- **University of Southern California (USC)**
B.A. Film Production

Other colleges/universities that offer degrees in film/cinema are listed below. See www.assist.org or the department website for details.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated

below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Film Studies (21 units)

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 Studies 1, Film Appreciation: Introduction to Film (3) (formerly Cinema 9)
- Film Studies 2, History of the Motion Pictures (3) (formerly Cinema 1)
- Film Studies 5, Film and Society (3) (formerly Cinema 5)

Select additional courses to total 21 units from the following:

- Entertainment Technology 61, History of Animation (3) (same as Graphic Design 74)
- Film Studies 6, Women in Film (3) (formerly Cinema 8)
- Film Studies 7, American Cinema: Crossing Cultures (3) (formerly Cinema 7)
- Film Studies 8, The Popular Film Genres (3) (formerly Cinema 2)
- Film Studies 9, The Great Film-Makers (3) (formerly Cinema 4)
- Film Studies 10, Film Criticism and Interpretation (3) (formerly Cinema 10)
- Film Studies 11, Literature to Film (3) (same as English 11)
- Film Studies 20, Introduction to Scriptwriting (3) (formerly Cinema 11A)
- Film Studies 21, Advanced Scriptwriting (3) (formerly Cinema 11B)
- Film Studies 30, Production Planning for Film and Video (3) (formerly Cinema 3)
- Film Studies 31, Introduction to Digital Film Making (3)
- Film Studies 32, Advanced Digital Filmmaking (4)
- Film Studies 33, Directing the Short Film (3)
- Film Studies 40, Cinematography (3)

General Science

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated

below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

General Science (20 units)

Program Learning Outcomes: Students completing a degree in General Science 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:

GROUP A – MATHEMATICS (MINIMUM OF 3 UNITS)

At least one course required:

Math – 2, (3), 7, 8, 10 (same as CS 10), 11, 13, 15, 18, 20, 21, (22), 26, 28 (formerly Math 23), 29 (formerly Math 24), 32 (if completed Fall 2006 or later), 41, 49 (only 3 units apply to the degree), (52), 54

GROUP B – PHYSICAL SCIENCE (MINIMUM OF 3 UNITS)

At least one course required:

Astronomy – 1, 2, 3, 4, 5, 7, 8, 9
Chemistry – all courses
Geography – 1, 3, 5, 35A-Z
Geology – all courses
Physics – all courses

GROUP C – LIFE SCIENCES (MINIMUM OF 3 UNITS)

At least one course required:

Anatomy – all courses
Anthropology 1, 5, 8, 9, 10
Biology – all courses (except Biology 81)
Botany – all courses
Microbiology – all courses
Nutrition 1, 4
Physiology – all courses
Psychology 2
Zoology 5, 17

() Courses in parentheses are no longer offered.

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Geography B.A.
- **University of California, Davis**
Community and Regional Development B.S.
- **University of California, Los Angeles**
Geography B.A.
Geography/Environmental Studies B.A.
- **University of California, Santa Barbara**
Geography B.A.
Geography B.A. – Geographic Information Science Emphasis
Physical Geography B.S.
- **California Polytechnic State University, San Luis Obispo**
Anatomy and Geography B.S.
- **California State Polytechnic University, Pomona**
Geography B.S.
Geography B.S. – Environmental Geography Option
Geography B.S. – Geographic Information Systems Option
- **California State University, Chico**
Geography B.A. – Human Geography and Planning Option
Geography B.A. – Physical and Environmental Geography Option
- **California State University, Dominguez Hills**
Geography B.A. – Earth and Environmental Option
Geography B.S. – Earth and Environmental Option
- **California State University, East Bay**
Geography B.A.
Geography B.S.
- **California State University, Fresno**
Geography B.A.
- **California State University, Fullerton**
Geography B.A.
- **California State University, Los Angeles**
Geography B.A.
Geography B.A. – General Geography Option
Geography B.A. – Geographic Information Systems Option
Geography B.A. – Urban Analysis Option
- **California State University, Long Beach**
Geography B.A.
- **California State University, Monterey Bay**
Social and Behavioral Sciences B.A.

- **California State University, Northridge**
Geography B.A.
Geography B.A. – Geographic Information Science
Option
- **California State University, Sacramento**
Geography B.A.
Geography B.A. – Cartography GIS and Analysis
Concentration
Geography B.A. – Human Geography Concentration
Geography B.A. – Metropolitan Area Planning
Concentration
Geography B.A. – Physical Geography Concentration
- **California State University, San Bernardino**
Geography B.A. – Geography Option
Geography B.A. – Global Studies Option
- **California State University San Marcos**
Earth Systems Science and Policy B.S.
- **California State University, Stanislaus**
Geography B.A.
Geography B.A. – California Studies Concentration
Geography B.A. – Cultural/Social Geography
Concentration
Geography B.A. – Geospatial Technology Concentration
Geography B.A. – Global Studies and Development
Concentration
Geography B.A. – Physical Geography and Environmental
Studies Concentration
Liberal Studies B.A. – Geography Concentration
- **Humboldt State University**
Geography B.A.
- **San Diego State University**
Geography B.A.
Geography B.A. – Methods of Geographical Analysis
Emphasis
Geography B.A. – Nat Resource and Environmental
Geography (Analysis) Emphasis
Geography B.A. – Nat Resource and Environmental
Geography (Policy) Emphasis
Geography B.A. – Physical Geography Emphasis
Geography B.A. – Urban and Regional Analysis Emphasis
Geography B.S. – Geographic Information Science
Emphasis
- **San Francisco State University**
Geography B.A.
- **San José State University**
Geography B.A.
Global Studies B.A.
- **Sonoma State University**
Geography B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **University of Otago, New Zealand**
B.S. Geography

General education requirements for the University of California, California State University, and other local universi-

ties are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/articulation).

Geography – Associate in Arts for Transfer (AA-T) to CSU

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.

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

The Associate in Arts in Geography for Transfer degree is designed to prepare students for transfer into the CSU system to complete a baccalaureate degree in Geography or a similar major. Upon completion of this degree, 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 Geography will have satisfied the lower division requirements for transfer into Geography or similar major for many campuses in the California State University system. This degree complies with the Student Transfer Achievement Reform Act (California Education Code 66746).

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AA-T in Geography.**

ASSOCIATE DEGREE IN GEOGRAPHY FOR TRANSFER TO CSU

The AA-T in Geography is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information. (Please note: Nonresident and international

students are required to have a minimum GPA of 2.4 for admission.)

4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Geography (18 units)

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)

Geography 1, Introduction to the Natural Environment (3)

or

Geography 5, Physical Geography with Lab (4)

Geography 2, Introduction to Human Geography (3)

Group A: select two of the following courses: (6 units)

Geography 3, Weather and Climate (3)

Geography 11, World Geography: Introduction to Global Studies (3) *(same as Global Studies 11)*

Geography 14, Geography of California (3)

Geography 20, Introduction to Geographic Information Systems (3) *(same as CIS 20 and GIS 20)*

Group B: select two courses from Group B or any course from Group A not already used above: (6 units)

Anthropology 1, Physical Anthropology (3)

or

Anthropology 5, Physical Anthropology with Lab (4)

Anthropology 2, Cultural Anthropology (3)

Anthropology 3, World Archaeology (3)

Biology 3, Fundamentals of Biology (4)

Botany 1, General Botany (4)

or

Botany 3, Field Botany (4)

Chemistry 11, General Chemistry I (5)

Computer Science 20B, Data Structures with Java (3)

Computer Science 55, Java Programming (3)

English 2, Critical Analysis and Intermediate Composition (3)

English 31, Advanced Composition (3)

or

History 47, The Practice of History (3)

Geography 7, Introduction to Environmental Studies (3) *(same as Environmental Studies 7)*

Geography 8, Introduction to Urban Studies (3) *(same as Urban Studies 8)*

Geography 10, Living in a Hazardous Environment (3)

Geography 19, Geographic Information Systems for Business (3) *(same as CIS 19)*

Geography 23, Intermediate Geographic Information Systems (3) *(same as CIS 23, GIS 23)*

Geography 24, Geospatial Imagery: Maps for the 21st Century (3)

Geology 1, Physical Geology without Lab (3)

or

Geology 4, Physical Geology with Lab (4)

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)

TRANSFER

Upon completion of the Santa Monica College AA-T in Geography, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California Polytechnic State University, San Luis Obispo**
B.S. Anthropology – Geography – Cross-Cultural Studies and International Development
B.S. Anthropology – Geography – Environmental Studies and Sustainability
B.S. Anthropology – Geography – Human Ecology
B.S. Anthropology – Geography – Individualized Course of Study
B.S. Anthropology – Geography – Teaching
- **California State Polytechnic University, Pomona**
B.S. Geography
B.S. Geography – Environmental Geography
B.S. Geography – Geographic Information Systems
- **California State University, Chico**
B.A. Geography – Human Geography and Planning
B.A. Geography – Physical and Environmental Geography
- **California State University, Dominguez Hills**
B.A. Geography – Earth and Environment
- **California State University, East Bay**
B.A. Geography – General
B.S. Geography – General
- **California State University, Fresno**
B.A. Geography
- **California State University, Fullerton**
B.A. Geography – General
- **California State University, Long Beach**
B.A. Geography – General
- **California State University, Los Angeles**
B.A. Geography – Environmental Geography
B.A. Geography – Geographic Information Systems
B.A. Geography – Urban Analysis
- **California State University, Monterey Bay**
B.A. Social and Behavioral Sciences – Geographic Information Systems
- **California State University, Northridge**
B.A. Geography – General
B.A. Geography – Geographic Information Science
- **California State University, Sacramento**
B.A. Geography – Geographic Information Systems and Analysis
B.A. Geography – Human Geography

- B.A. Geography – Metropolitan Area Planning
B.A. Geography – Physical Geography
- **California State University, San Bernardino**
B.A. Geography – General
B.A. Geography – Global Studies Option
 - **California State University, Stanislaus**
B.A. Geography – California Studies
B.A. Geography – Cultural/Social Geography
B.A. Geography – Geospatial Technology
B.A. Geography – Global Studies and Development
B.A. Geography – Physical Geography and Environmental Studies
 - **Humboldt State University**
B.A. Geography – General
 - **San Diego State University**
B.A. Geography – Foundations of Geography
 - **San Francisco State University**
B.A. Geography – General
 - **San José State University**
B.A. Geography
 - **Sonoma State University**
B.A. Geography – Biophysical Environment
B.A. Geography – Environment and Society
B.A. Geography – Geospatial Techniques
B.A. Geography – Globalization and Identity

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Earth and Planetary Science B.A.
- **University of California, Davis**
Geology A.B.
Geology B.S.
- **University of California, Los Angeles**
Earth and Environmental Science B.A.
Geology B.S.
Geology B.S. – Engineering Geology
Geology B.S. – Paleobiology
Geophysics B.S. – Applied Geophysics
Geophysics and Space Physics B.S.
- **University of California, Riverside**
Geoscience Education B.A.
Geology B.S.
Geology B.S. – General Geology Option
Geology B.S. – Geobiology Option
Geology B.S. – Geophysics Option
Geology B.S. – Global Climate Change Option
- **University of California, Santa Barbara**
Earth Science B.A.
Earth Science B.S.
Earth Science B.S. – Climate and Environmental Emphasis
Earth Science B.S. – Geohydrology Emphasis
Earth Science B.S. – Geology Emphasis
Earth Science B.S. – Geophysics Emphasis
Earth Science B.S. – Paleobiology Emphasis
- **University of California, Santa Cruz**
Earth Science B.S.
- **California State Polytechnic University, Pomona**
Geology B.S.
Geology B.S. – Environmental Resources Emphasis
- **California State University, Bakersfield**
Geological Sciences B.A.
Geological Sciences B.S.
- **California State University, Chico**
Natural Sciences B.A. – Geology Option
Geology B.S.
- **California State University, Dominguez Hills**
Geology B.A. – Earth and Environment Option
Geology B.S. – Earth and Environment Option
- **California State University, East Bay**
Geology B.A.
Geology B.S.
- **California State University, Fresno**
Geology B.S.
- **California State University, Fullerton**
Earth Science B.A.
Geology B.S.
- **California State University, Long Beach**
Geology B.S.
- **California State University, Los Angeles**
Geology B.S.
- **California State University, Northridge**
Geology B.S.

Geology B.S. – Environmental Geology Option
 Geology B.S. – Geophysics Option
 Geology B.S. – Secondary Teaching Option

- **California State University, Sacramento**
 Geology B.A.
 Geology B.S.
- **California State University, San Bernardino**
 Geology B.S.
- **California State University, Stanislaus**
 Geology B.S.
 Geology B.S. – Applied Geology Concentration
 Geology B.S. – Environmental Science Concentration
- **Humboldt State University**
 Geology B.A.
 Geology B.A. – Integrated Teaching Track
 Geology B.S.
- **San Diego State University**
 Geological Sciences B.A. – Applied Arts and Sciences
 Geological Sciences B.S.
 Geological Sciences B.S. – Engineering Geology
 Geological Sciences B.S. – Geochemistry
 Geological Sciences B.S. – Geophysics
 Geological Sciences B.S. – Hydro
 Geological Sciences B.S. – Marine
 Geological Sciences B.S. – Paleontology
- **San Francisco State University**
 Earth Science B.A.
 Geology B.S.
- **San José State University**
 Geology B.S.
- **Sonoma State University**
 Earth Science B.A.
 Geology B.S.

General education requirements for the University of California, California State University, and other local universities are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/articulation).

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 communica-

tion 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.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Global Studies (23 units)

Program Learning Outcome: Students completing the Global Studies program 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.

Students' ability to analyze, synthesize and evaluate current world events, conditions and issues will be assessed through quizzes and exams, participation in discussions and activities, and term papers and/or projects.

Required Core Courses: (9 units)

Global Studies 5, International Political Economy:
Introduction to Global Studies (3) *(same as Economics 5 and Political Science 5)*
Global Studies 10, Global Issues (3)
Global Studies 11, World Geography: Introduction to Global Studies (3) *(same as Geography 11)*

Experiential Learning: (2 units)

Business 95, International Business Internship (2)
Global Studies 95, Global Los Angeles – Experiential Learning (2)

Culture and Society: (3 units)

Anthropology 2, Cultural Anthropology (3)
Anthropology 3, World Archaeology (3)
Anthropology 7, Introduction to Linguistics Anthropology (3)
Anthropology 14, Sex, Gender and Culture (3)
Anthropology 19, The Culture of Food (3)
Anthropology 21, Peoples and Power in Latin America
Astronomy 6, Archaeoastronomy (3)
Communication Studies 37, Intercultural Communication (3) *(formerly Speech 7)*
Environmental Studies 7, Introduction to Environmental Studies (3) *(same as Geography 7)*
Environmental Studies 20, Environmental Ethnics (3) *(same as Philosophy 20)*
Environmental Studies 22, Environmental Politics and Policies (3) *(same as Political Science 22)*
Environmental Studies 40, Environmental Psychology (3) *(same as Psychology 40)*
Fashion Design 15, Ethnic Fashion (3)
Geography 2, Introduction to Human Geography (3)
Geography 8, Introduction to Urban Studies (3) *(same as Urban Studies 8)*
Sociology 1, Introduction to Sociology (3)
Sociology 1 S, Introduction to Sociology – Service Learning (3)
Women's Studies 20, Women, Feminisms, and Social Movements: A Global Approach (3)

Governance and Conflict: (3 units)

History 48, Nonviolent Resistance (3) *(same as Philosophy 48)*
Philosophy 51, Political Philosophy (3) *(same as Political Science 51)*
Philosophy 52, Modern Political Thought (3) *(same as Political Science 52)*
Political Science 2, Comparative Government and Politics (3)
Political Science 3, Introduction to Politics: Justice, Power, and Agency (3)
Political Science 7, International Politics (3)
Political Science 11, World Affairs and the United Nations (3)
Political Science 47, International Politics Seminar (3)

Markets and Economies: (3 units)

Business 50, Introduction to International Business (3)

Business 52, International Marketing (3)
Business 53, Importing and Exporting (3)
Business 54, International Management (3)
Business 55, Southern California's International Connections (3)
Economics 1, Principles of Microeconomics (3)
Economics 2, Principles of Macroeconomics (3)

World History/Area Studies: (3 units)

Art History 3, Western Art History III (3) *(formerly Art 8)*
Art History 11, Art Appreciation: Introduction to Global Visual Culture (3) *(formerly Art 79)*
Art History 15, Mexican Art History (3) *(formerly Art 9)*
Art History 18, Introduction to African Art History (3)
Art History 22, Architectural History and Theory – 1850 to Present (3) *(formerly Art 7)*
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)
English 32, History and Literature of Contemporary Africa (3) *(same as History 30)*
English 40, Asian Literature (3)
English 45, Asian Film, Literature, and Society (3)
English 56, 20th Century European Literature (3)
English 58, Literature of Mexico (3)
Environmental Studies 32, Global Environmental History (3) *(same as History 32)*
History 2, History of Western Civilization II (3)
History 4, History of British Civilization II (3)
History 6, History of Latin America 2 (3)
History 19, History of Mexico (3)
History 21, History of Russia (3)
History 22, History of the Middle East (3)
History 25, History of East Asia Since 1600 (3)
History 29, Jewish History (3)
History 34, World Civilizations II (3)
History 39, African History II (3)
History 41, Native American History (3)
History 53, History of Religion (3)
Humanities 28S, Contemporary Life in China (2)
Music 31, Music History II (3)
Philosophy 4, Modern Philosophers (3)
Philosophy 22, Asian Philosophy (3)
Philosophy 23, Philosophy of Religion (3) *(same as Religious Studies 22)*
Political Science 14, Middle East Government and Politics (3) *(same as Religious Studies 23)*
Spanish 20, Latin American Civilization (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 www.smc.edu/articulation).

Foreign Language Requirement (same as IGETC Area 6A)

The Foreign Language requirement can be met in several different ways. For detailed information, see the IGETC information on page 44.

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

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Global Studies (23 units)

A Certificate of Achievement in Global Studies will be granted upon completion of the major requirements listed above.

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

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Davis**
Design A.B.
- **University of California, Los Angeles – School of the Arts and Architecture**
Design/Media Arts B.A.
- **California Polytechnic State University, San Luis Obispo**
Art and Design B.F.A. – Graphic Design Concentration
- **California State Polytechnic University, Pomona**
Graphic Design B.F.A.
- **California State University Channel Islands**
Art B.A. – Studio Art Option
- **California State University, Chico**
Communication Design B.A. – Graphic Design Option

- **California State University, Dominguez Hills**
Art B.A. – Design Option
- **California State University, East Bay**
Art B.A. – Graphic Design Option
Art B.F.A. – Graphic Design Option
- **California State University, Fresno**
Art B.A. – Printmaking/Photography Emphasis
Art B.A. – Graphic Design Option
Graphic Design B.F.A. – Graphic Design Emphasis
Graphic Design B.F.A. – Interactive Multimedia Design Emphasis
- **California State University, Fullerton**
Art B.F.A. – Graphic Design Concentration
- **California State University, Long Beach**
Art B.F.A. – Graphic Design Option
Art B.F.A. – Illustration Option
- **California State University, Los Angeles**
Art B.A.
Art B.A. – Graphic Design/Visual Communication Option
- **California State University, Northridge**
Art B.A.
- **California State University, San Bernardino**
Art B.A. – Plan IV (Graphic Design)
Art B.A. – Plan V (Graphic Design and Marketing)
- **California State University, Stanislaus**
Graphic Design B.S.
- **San Diego State University**
Art B.A. – Graphic Design Emphasis
- **San José State University**
Graphic Design B.F.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University, San Francisco**
B.F.A. Graphic Design
- **The Art Institute of California, a College of Argosy University**
B.S. Graphic and Web Design
- **California College of the Arts**
Graphic Design
- **Mount Ida College (Massachusetts)**
B.A. Graphic Design
- **NewSchool of Architecture and Design**
Graphic Design
Interactive Design

BACHELOR OF SCIENCE DEGREE

Santa Monica College has been selected to participate in the pilot California Community College Baccalaureate degree program and will soon offer its first Bachelor of Science (BS) degree in the field of Interaction Design.

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. This degree will provide students with the skills necessary to enter this well paying and exciting field.

Lower division courses (years 1 and 2) for the degree are currently offered and are similar to those required for the Associate degree in Graphic Design. Upper division courses (years 3 and 4) will be offered starting Fall 2016.

Students interested in the Bachelor of Science degree in Interaction Design should visit www.smcixd.org for more information and to sign up for email updates about the program.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Graphic Design (40 units)

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.

(NOTE: GRAPHIC DESIGN 31 is the first course students should take)

Required Courses: (29 units)

- Graphic Design 18, Introduction to Graphic Design Applications (3)
- Graphic Design 31, Graphic Design Studio 1 (2)
- Graphic Design 33, Typography Design 1 (2)
- Graphic Design 34, Publication and Page Design I (3)
- Graphic Design 35, Drawing for Graphic Design (2)
- Graphic Design 38, Digital Illustration I (4)
- Graphic Design 41, Graphic Design Studio 2 (2)
- Graphic Design 51, Graphic Design Studio 3 (2)
- Graphic Design 64, Digital Imaging for Design (3) (*same as Entertainment Technology 37*)
- Graphic Design 66, Web Design 2 (3) (*formerly Entertainment Technology 16*)
- Photography 1, Introduction to Photography (3)

Select additional courses to total 40 units from the following:

- Entertainment Technology 34, Web Animation I (3)
- Graphic Design 43, Typography Design 2 (2)
- Graphic Design 44, Publication and Design 2 (3)
- Graphic Design 50, Graphic Design Portfolio Preparation (2)
- Graphic Design 54, Digital Illustration II (3)
- Graphic Design 61, User Experience Design (3)
- Graphic Design 65, Web Design 1 (2)
- Graphic Design 67, Web Design 3 (3)
- Graphic Design 71, Motion Graphics 1 (3)

- Graphic Design 71B, Motion Graphics 2 (3)
- Graphic Design 75, Mobile Design 1 (3)
- Graphic Design 76, Mobile Design 2 (3)
- Graphic Design 90A, Internship (1)
- Graphic Design 90B, Internship (2)
- Graphic Design 90C, Internship (3)

CERTIFICATE OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Graphic Design (40 units)

(NOTE: GRAPHIC DESIGN 31 is the first course students should take)

A Certificate of Achievement in Graphic Design is granted upon completion of 40 units listed under the Graphic Design Associate degree.

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

DEPARTMENT CERTIFICATE

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Web Design (17 units)

The Web Design Department Certificate provides a thorough study of the design and implementation of interactive media for the World Wide Web. Students will learn how to develop and design content for online publishing and craft professional portfolios of interactive work. Students will acquire technical and creative web design skills using industry standard software, such as Dreamweaver, Photoshop and Flash.

A Department Certificate in Web Design will prepare the students for entry-level positions such as Web Designer, Web Artist, Web Animator, Web Developer and Interface 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 Page Development and Scripting I (3) (*same as Entertainment Technology 33*)
- Graphic Design 61, User Experience Design (3)
- Graphic Design 64, Digital Imaging for Design (3) (*same as Entertainment Technology 37*)
- Graphic Design 65, Web Design 1 (2)
- Graphic Design 66, Web Design 2 (3) (*formerly Entertainment Technology 16*)
- Graphic Design 67, Web Design 3 (3)

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
History B.A.
- **University of California, Davis**
History A.B.
- **University of California, Irvine**
History B.A.
- **University of California, Los Angeles**
History (Pre) B.A.
- **University of California, Merced**
History B.A. – US History Concentration
History B.A. – World History Concentration
- **University of California, Riverside**
History B.A.
History/Administrative Studies B.A.
- **University of California, Santa Barbara**
History B.A.
History of Public Policy B.A.
Medieval Studies B.A.
Renaissance Studies B.A.
- **University of California, Santa Cruz**
History B.A.
History B.A. – Americas and Africa Concentration
History B.A. – Asian/Islamic/World Concentration
History B.A. – European Concentration
- **California Polytechnic State University, San Luis Obispo**
History B.A.
Liberal Studies B.S. – History/Social Sciences Concentration
- **California State Polytechnic University, Pomona**
History B.A.

- **California State University, Bakersfield**
History B.A.
- **California State University, Chico**
History B.A.
- **California State University Channel Islands**
History B.A.
- **California State University, Dominguez Hills**
History B.A.
History B.A. – History/Social Science Education Option
- **California State University, East Bay**
History B.A.
History B.A. – Asian and Middle Eastern History Option
History B.A. – History of California and the American West Option
History B.A. – Latin American History Option
History B.A. – United States History Option
History B.A. – European History Option
- **California State University, Fullerton**
History B.A.
- **California State University, Long Beach**
History B.A.
- **California State University, Los Angeles**
History B.A.
History B.A. – Teacher Preparation Option
- **California State University, Monterey Bay**
Human Communication B.A.
Human Communication B.A. – History, Oral History, and New Media Concentration
Social and Behavioral Sciences B.A.
Social and Behavioral Sciences B.A. – Social History Concentration
Social and Behavioral Sciences B.A. – Teacher Credential Pathway In History Social Science Concentration
- **California State University, Northridge**
History B.A.
- **California State University, Sacramento**
History B.A.
- **California State University, San Bernardino**
History B.A. – Track A (Teaching Track)
History B.A. – Track B
History B.A. – Track C (Public and Oral History Option)
- **California State University San Marcos**
History B.A.
- **California State University, Stanislaus**
History B.A.
Liberal Studies B.A. – History Concentration
- **Humboldt State University**
History B.A.
History B.A. – Single Subject Secondary Education Track
- **San Diego State University**
History B.A.
- **San Francisco State University**
History B.A.
- **San José State University**
History B.A.

Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements. For the most up-to-date Associate degrees and Certificate of Achievement requirements, visit www.smc.edu/articulation.

- **Sonoma State University**

History B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **American University of Paris, France**

History

- **Loyola Marymount University**

B.A. History

History – Associate in Arts for Transfer (AA-T) to CSU

Upon successful completion of the Santa Monica College AA-T in History, 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 History requirements at many institutions at both the University of California and the California State University State University systems. This degree is intended for students who are interested in the theory of History and are planning on transferring to a four-year university and majoring in History.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AA-T in History.**

ASSOCIATE DEGREE IN HISTORY FOR TRANSFER TO CSU

The AA-T in History is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information. (Please note: Nonresident and international students are required to have a minimum GPA of 2.4 for admission.)
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

History (18 units)

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)

- History 11, History of the United States Through Reconstruction (3)
- History 12, History of the United States Since Reconstruction (3)

World History Courses: (6 units)

- History 1, History of Western Civilization I (3)
- or**
- History 33, World Civilizations I (3)
- History 2, History of Western Civilization II (3)
- or**
- History 34, World Civilizations II (3)

Area 1: Select one course from the following: (3 units)

American Sign Language 1, 2; Anthropology 20, 21; Arabic 1; Art History 15 (formerly Art 9), 17 (formerly Art 5), 18, 71 (formerly Art 71), 72 (formerly Art 72); Chinese 1, 2, 3, 4, 9; Cinema (7) (see Film Studies); Communication 10 (see Media Studies); Communication Studies 14 (formerly Speech 4), 37 (formerly Speech 7); Dance 2; Early Childhood Education 11, 18 (same as Psychology 18) (formerly Child Development 18); Economics 5 (same as Global Studies 5 and Political Science 5); English 9, 10, 32 (same as Environmental Studies 32), 39, 40, 41, 45, 53, 54, 57, 58; Environmental Studies 32 (same as English 32); Film Studies 6, 7 (formerly Cinema 7); French 1, 2, 3, 4; Geography 11 (same as Global Studies 11), 14; German 1, 2, 3, 4; Global Studies 5 (same as Economics 5 and Political Science 5), 11 (same as Geography 11); Hebrew 1, 2, 8; History 5, 6, 10, 16, 19, 21, 22, 24, 25, 26, 29, 30, 32 (same as English 32), 33 (if not used above), 34 (if not used above), 37, 38, 39, 41, 42, 43, 53, 62; Italian 1, 2, 3; Japanese 1, 2, 3, 4; Korean 1, 2, 3, 4; Media Studies 10 (formerly Communication 10); Music 35, 37; Nutrition 7; Persian 1, 2; Philosophy 22 (same as Religions Studies 22), 23; Political Science 5 (same as Economics 5 and Global Studies 5), 7, 8, 11, 14, 21; Psychology 18 (same as Early Childhood Education 18); Russian 1, 2; Sociology 30, 31, 32, 34; Spanish 1, 2, 3, 4, 9, 11, 12, 20; Turkish 1; Women's Studies 10, 20, 30

Area 2: Select one course not already completed above: (3 units)

Anthropology 2, 3, 7, 19; Art History 1 (formerly Art 1), 2 (formerly Art 2), 3 (formerly Art 8), 21 (formerly Art 6), 22 (formerly Art 7), 52 (formerly Art 73) (same as Photography 52); Economics 1, 2, 5 (same as Global Studies 5 and Political Science 5), 15 (same as History 15); Environmental Studies 7 (same as Geography 7), 14 (same as History 14), 32 (same as History 32); Geography 2, 7 (same as Environmental Studies 7), 8 (same as Urban Studies 8), 11 (same as Global Studies 11); Global Studies 5 (same as Economics 5 and Political

Science 5), 10, 11 (same as Geography 11); History 1 (if not used above), 2 (if not used above), 3, 4, 5, 6, 10, 13, 14 (same as Environmental Studies 14), 15 (same as Economics 15), 16, 19, 20, 21, 22, 24, 25, 26, 29, 30, 32 (same as Environmental Studies 32) (if not used above), 34 (if not used above), 38, 39, 41, 42, 43, 45, 46, 47, 48 (same as Philosophy 48), 52, 53, 55, 62; Media Studies 1 (formerly Communication 1), 10 (formerly Communication 10); Music 33, 36; Nutrition 7; Philosophy 48 (same as History 48); Photography 52 (same as Art History 52); Political Science 1, 3 5 (same as Economics 5 and Global Studies 5); Psychology 1; Sociology 1, 1 S, 2, 2 S; Urban Studies 8 (same as Geography 8); Women's Studies 10

TRANSFER

Upon completion of the Santa Monica College AA-T in History, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California Polytechnic State University, San Luis Obispo**
B.A. History – General
- **California State Polytechnic University, Pomona**
B.A. History – General
- **California State University, Bakersfield**
B.A. History – General
- **California State University Channel Islands**
B.A. History – General
- **California State University, Chico**
B.A. History – General
- **California State University, Dominguez Hills**
B.A. History
- **California State University, East Bay**
B.A. Asian Middle Eastern History
B.A. European History
B.A. History of California and the American West
B.A. Latin American History
B.A. United States History
- **California State University, Fresno**
B.A. History
- **California State University, Fullerton**
B.A. History – General
- **California State University, Long Beach**
B.A. History – General
B.A. Modern Jewish Studies – General
- **California State University, Los Angeles**
B.A. History – General
- **California State University, Monterey Bay**
B.A. History, Oral History, and New Media
B.A. Social History
- **California State University, Northridge**
B.A. History – General
- **California State University, Sacramento**
B.A. History – General

- **California State University, San Bernardino**
B.A. History – General
B.A. Public and Oral History option
- **California State University San Marcos**
B.A. History – General
- **California State University, Stanislaus**
B.A. History – General
- **Humboldt State University**
B.A. History
- **San Diego State University**
B.A. History – General
- **San Francisco State University**
B.A. History
B.A. History – Honors Program
- **San José State University**
B.A. History
- **Sonoma State University**
B.A. History – General

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to "Available Degree Pathways," then click on the link available at "AA-T AS-T CCC Approved Degrees Report."

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 (www.academy.smc.edu/Intarc) for additional information.

COUNSELING INFORMATION

Contact Cliff Dobbs at (310) 434-3783.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **California State University, Chico**
Art B.F.A. – Interior Design Option
- **California State University, Fresno**
Interior Design B.A.
- **California State University, Long Beach**
Interior Design B.F.A.
- **California State University, Northridge**
Family and Consumer Science B.S. – Interior Design Option
- **California State University, Sacramento**
Interior Design B.A.
Interior Design B.A. – Interior Design Marketing Concentration
- **San Diego State University**
Art B.A. Interior Design Emphasis
- **San Francisco State University**
Interior Design B.S.
- **San José State University**
Interior Design B.F.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University, San Francisco**
B.F.A. Interior Design
- **The Art Institute of California, a College of Argosy University**
B.S. Interior Design
- **California College of the Arts**
Interior Design
- **Mount Ida College**
B.S. Interior Design
- **NewSchool of Architecture and Design, San Diego**
Interior Design

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Interior Architectural Design (47-48 units)

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 46, Construction Documents (3)
- INTARC 50, Codes and Specifications (3)
- INTARC 52, Production Design for Film and TV (3)
- INTARC 57, 3D Digital Drafting II (3)
- INTARC 62, Model Building (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)

- If a student has previous skills, a waiver for the equivalent course is possible.
- 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 www.smc.edu/articulation).

CERTIFICATE OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Interior Architectural Design (47-48 units)

A Certificate of Achievement is granted upon completion of the 47-48 required units listed under the Interior Architectural Design Associate degree.

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

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Set Design and Art Direction for Film and TV (15 units)

The Set Design and Art Direction for Film and TV Department Certificate is granted upon completion of 15 required units listed below.

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)

Digital Production and Design (15 units)

The Digital Production and Design Department Certificate is granted upon completion of 15 required units listed below.

Required Courses:

INTARC 35, 2D Digital Drafting (3)
 INTARC 38, 3D Digital Drafting 1 (3)
 INTARC 46, Construction Documents (3)
 INTARC 57, 3D Digital Drafting 2 (3)
 INTARC 70, 3D Digital Rendering and Animation (3)

Journalism

The Journalism 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.

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer college.

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

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Irvine**
Literary Journalism B.A.
- **California Polytechnic State University, San Luis Obispo**
Journalism B.S.
- **California State Polytechnic University, Pomona**
Communication B.S. – Journalism Option
- **California State University, Chico**
Journalism B.A.
Journalism B.A. – Public Relations Option
- **California State University, Dominguez Hills**
Communications B.A. – Journalism Option
- **California State University, East Bay**
Communications B.A. – Professional, Public, and Organizational Communication Option
Communications B.A. – Media Production Option
- **California State University, Fresno**
Agriculture Education B.S. – Agricultural Communications Option
Mass Communication and Journalism B.A. – Advertising Option
Mass Communication and Journalism B.A. – Broadcast Journalism Option
Mass Communication and Journalism B.A. – Digital Media Option
Mass Communication and Journalism B.A. – Electronic Media Production Option

Mass Communication and Journalism B.A. –
Photojournalism Option
Mass Communication and Journalism B.A. – Print
Journalism Option
Mass Communication and Journalism B.A. – Public
Relations Option

- **California State University, Fullerton**
Communications B.A. – Journalism Concentration
- **California State University, Long Beach**
Journalism B.A.
- **California State University, Los Angeles**
Television, Film and Media Studies B.A. – Broadcast
Journalism Option
- **California State University, Monterey Bay**
Human Communication B.A.
Human Communication B.A. – Creative Writing and
Social Action Concentration
Human Communication B.A. – Journalism and Media
Studies Concentration
Human Communication B.A. – Practical and Professional
Ethics Concentration
- **California State University, Northridge**
Cinema and Television Arts B.A. – Electronic Media
Management Option
Journalism B.A.
- **California State University, San Bernardino**
Communication B.A. – Mass Communication
Concentration
- **California State University, Stanislaus**
Journalism B.A.
- **Humboldt State University**
Journalism B.A. – Broadcast News Concentration
Journalism B.A. – Media Studies Concentration
Journalism B.A. – News Editorial Concentration
Journalism B.A. – Public Relations Concentration
- **San Diego State University**
Journalism B.S.
Journalism B.S. – Advertising Emphasis
Journalism B.S. – Media Studies Emphasis
Journalism B.S. – Public Relations Emphasis
- **San Francisco State University**
Journalism B.A.
- **San José State University**
Advertising B.S.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **University of Gloucestershire, United Kingdom**
B.A. Journalism
- **University of Southern California (USC)**
B.A. Journalism

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated

below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Journalism (19 units)

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)

- Journalism 1, The News (3)
- Journalism 15, Introduction to Multimedia Storytelling (3)
- Journalism 16, Producing the Campus Newspaper (4)

Select at least one course from each group:

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)
- Entertainment Technology 31A, Digital Video Fundamentals (3)
- Graphic Design 31, Graphic Design Studio (2)
- Graphic Design 34, Publication and Page Design 1 (3)
- Graphic Design 64, Digital Imaging for Design (3) (*same as Entertainment Technology 37*)
- Graphic Design 65, Web Design (3)
- Journalism 4A, Newscasting and Newswriting (3) (formerly Broadcasting 4A) (*same as Media Studies 14*)
- Journalism 8, Writing to Sell (3)
- Journalism 17, Editing the Campus Newspaper (2)
- Journalism 21, News Photography (3) (*same as Photography 13*)
- Journalism 22, Photography for Publication (3) (*same as Photography 14*)
- Journalism 43, Public Relations and Publicity (3) (*same as Business 29*)
- Journalism 90B, Internship in Journalism (2)
- Photography 13, News Photography (3) (*same as Journalism 21*)
- Photography 14, Photography for Publication (3) (*same as Journalism 22*)
- Photography 29, Video Production for Still Photographers (3)

Group B

- Media Studies 1, Survey of Mass Media (3) (*formerly Communication 1*)
- Media Studies 2, Reading Media: Acquiring Media Literacy Skills (3) (*formerly Communication 2*)
- Media Studies 10, Journalism, Gender and Race (3) (*formerly Communication 10*)

Journalism – Associate in Arts for Transfer (AA-T) to CSU

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.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AA-T in Journalism.**

ASSOCIATE DEGREE IN JOURNALISM FOR TRANSFER TO CSU

The Associate in Arts for Transfer (AA-T) is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required for transfer to the California State University system:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for details.
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. *(Please note: Students transferring to CSU must complete IGETC Area 1C.)*
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Journalism (19 units)

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)

- Media 1, Survey of Mass Media Communications (3)
- Journalism 1, The News (3)
- Journalism 16, Producing the Campus Newspaper (4)

LIST A: Select at least one course from the following: (3 units)

- Journalism 2, Intermediate Newswriting and Reporting (3)
- Journalism 15, Introduction to Multimedia Storytelling (3)
- Journalism 17, Editing the Campus Newspaper (2)
- Journalism 21, News Photography (3) *(same as Photography 13)*
- Photography 13, News Photography (3)
- Journalism 43, Public Relations and Publicity (3) *(same as Business 29)*

LIST B: Select two courses from the following, one from each group: (6 units)

- GROUP 1
- Any course from List A not used above.
- GROUP 2
- Business 32, Business Communications (3)
- Communication Studies 11, Elements of Public Speaking (3) *(formerly Speech 1)*
- Communication Studies 12, Persuasion (3) *(formerly Speech 2)*
- Communication Studies 16, Fundamentals of Small Group Discussion (3) *(formerly Speech 6)*
- Communication Studies 21, Argumentation (3) *(formerly Speech 11)*
- English 1, Reading and Composition 1 (3)
- English 2, Critical Analysis and Intermediate Composition (3)
- English 31, Advanced Composition (3)
- History 47, The Practice of History (3)
- Philosophy 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
- Photography 1, Introduction to Photography (3)

- **California State Polytechnic University, Pomona**
B.A. Communication – Journalism
- **California State University, Chico**
B.A. Journalism – News
B.A. Journalism – Public Relations
- **California State University, Dominguez Hills**
B.A. Communications – Journalism
B.A. Communications – Media Studies
B.A. Communications – Public Relations/Advertising
- **California State University, East Bay**
B.A. Communication – Media Production

B.A. Communication – Professional, Public and Organizational Communication

- **California State University, Fresno**
B.A. Mass Communication and Journalism – Journalism
- **California State University, Fullerton**
B.A. Communications – Journalism
- **California State University, Long Beach**
B.A. Journalism – Journalism – General
- **California State University, Monterey Bay**
B.A. Human Communication – Journalism and Media Studies
- **California State University, Sacramento**
B.A. Journalism
B.A. Journalism – Government/Journalism
- **Humboldt State University**
B.A. Journalism – Public Relations

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

Kinesiology Physical Education

Kinesiology Physical Education and Athletic Coaching encompass 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. These majors develop and integrate the concepts and principles from each subdiscipline to understand the complexity of the human body. These majors prepare students for advanced studies in kinesiology, physical therapy, athletic training, exercise physiology, sports medicine, and other related life science 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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Davis**
Exercise Science A.B.
Exercise Science B.S.

- **California Polytechnic State University, San Luis Obispo**
Kinesiology B.S.
- **California State Polytechnic University, Pomona**
Kinesiology B.S. – Exercise Science Option
Kinesiology B.S. – Health Promotion Option
- **California State University, Bakersfield**
Physical Education and Kinesiology B.S. – Exercise Science Concentration
- **California State University, Chico**
Kinesiology B.A.
Exercise Physiology B.S.
- **California State University, Dominguez Hills**
Physical Education B.A.
Physical Education B.A. – Fitness Director Option
Physical Education B.A. – Teaching Option
Physical Education B.A. – Pre-Physical Therapy Option
- **California State University, East Bay**
Kinesiology B.S. – Exercise Nutrition and Wellness Option
Kinesiology B.S. – Physical Activity Studies Option
Kinesiology B.S. – Physical Education Teaching Option
Kinesiology B.S. – Social Justice Option
Kinesiology B.S. – Special Studies Option
Kinesiology B.S. – Therapeutic Studies Option
Recreation B.S. – Recreation Therapy Option
- **California State University, Fresno**
Kinesiology B.S. – Exercise Science Option
Kinesiology B.S. – General Kinesiology Option
Kinesiology B.S. – Physical Education Credential Option
- **California State University, Fullerton**
Athletic Training B.S.
Kinesiology B.S.
- **California State University, Long Beach**
Kinesiology B.A. – Adapted Physical Education Option
Kinesiology B.A. – K-12 Physical Education Option
Athletic Training B.S.
Kinesiology B.S. – Exercise Science Option
Kinesiology B.S. – Fitness Option
Kinesiology B.S. – Sport Psychology and Leadership Option
- **California State University, Los Angeles**
Kinesiology B.S.
Kinesiology B.S. – Community Leadership Option
Kinesiology B.S. – Exercise Science and Human Performance Option
Kinesiology B.S. – Rehabilitation and Therapeutic Exercise Option
Kinesiology B.S. – Single Subject Credential Option
- **California State University, Monterey Bay**
Kinesiology B.S. – Exercise Science Concentration
Kinesiology B.S. – Human Movement Concentration
Kinesiology B.S. – Sport Focus Concentration
- **California State University, Northridge**
Athletic Training B.S.
Kinesiology B.S. – Dance Option
Kinesiology B.S. – Exercise Science Option
Kinesiology B.S. – Physical Education Option

Kinesiology B.S. – General Studies Option

- **California State University, Sacramento**
Kinesiology B.S.
Kinesiology B.S. – Athletic Training Education Concentration
Kinesiology B.S. – Exercise Science Concentration
Kinesiology B.S. – Exercise Science, Therapeutic Exercise and Rehabilitation Concentration
Kinesiology B.S. – Physical Education Concentration
- **California State University, San Bernardino**
Kinesiology B.S. – Allied Health Professions
Kinesiology B.S. – Exercise Science
Kinesiology B.S. – Pedagogy
- **California State University San Marcos**
Kinesiology B.S.
- **California State University, Stanislaus**
Kinesiology B.A.
Kinesiology B.A. – Health and Wellness Promotion Concentration
- **Humboldt State University**
Kinesiology B.S. – Exercise Science/Health Promotion Option
Kinesiology B.S. – Physical Education Teaching Option
Kinesiology B.S. – Pre-Physical Therapy Option
- **San Diego State University**
Athletic Training B.S. – Applied Arts and Sciences
Kinesiology B.S. – Fitness Specialist Emphasis
Kinesiology B.S. – Prephysical Therapy Emphasis
- **San Francisco State University**
Kinesiology B.S. – Exercise and Movement Sciences Concentration
Kinesiology B.S. – Physical Education Concentration
- **San José State University**
Athletic Training B.S.
Kinesiology B.S. – Preparation for Teaching
- **Sonoma State University**
Kinesiology B.S.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
B.S. Athletic Training

General education requirements for the University of California and California State University and other local universities are available online at www.smc.edu/articulation and listed in the Academics section of this catalog.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Kinesiology Physical Education (28 units)

Kinesiology Physical Education prepares people to teach or coach a variety of physical fitness and sports programs for all age levels. Kinesiology or Physiological Science can lead to careers in physical therapy, athletic training, exercise physiology and sports medicine.

Required Courses: (24 units)

- Anatomy 1, General Human Anatomy (4)
- Math 54, Elementary Statistics (4)
- Physiology 3, Human Physiology (4)
- PRO CR 10, Introduction to Kinesiology (3)
- PRO CR 11, Introduction to Sports Injuries (3)
- Psychology 1, General Psychology (3)
- Sociology 1, Introduction to Sociology (3)

Select one course from the following: (4-5 units)

- Chemistry 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 Lab (4)

Additional recommended courses:

- Dance 20, World Dance Survey (2)
- Dance 22, Beginning Mexican Dance (2)
- Dance 27, Brazilian Dance (2)
- Dance 31, Ballet I (1)
- Health 10, Fundamentals of Healthful Living (3)
- KIN PE 3, Introduction to Exercise Physiology I (3)
- PRO CR 3, Coaching of Racquet 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 12, Emergency Care and Water Safety (3)
- PRO CR 15, Sports Management (3)
- PRO CR 29A, Officiating Fall Sports (3)
- PRO CR 29B, Officiating Spring Sports (3)

Athletic Coaching (21 units)

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: (14 units)

- KIN PE 3, Introduction to Exercise Physiology (3)
- KIN PE 4, Introduction to Sport Psychology (3)
- Nutrition 4, Healthy Lifestyle: Food and Fitness (3)
- PRO CR 11, Introduction to Sports Injuries (3)
- PRO CR 19, Field Experience (2)

Area of Emphasis; select one course: (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)

Select four different Sports Areas, with at least one course in the Advanced Level: (4 units):

- KIN PE 9C, Advanced Basketball (1)
- KIN PE 10C, Advanced Fitness Lab (1)
- KIN PE 11C, Advanced Weight Training (1)
- KIN PE 14C, Advanced Cross Country (1)
- KIN PE 17, Boxing for Fitness (1)
- KIN PE 19A, Fitness – Anaerobic Exercises (1)
- or**
- KIN PE 19B, Fitness – Aerobic Exercises (1)
- or**
- KIN PE 19C, Fitness – Body Level Exercises (1)
- KIN PE 19D, Fitness – Aquatic Exercises (1)
- KIN PE 19E, Pilates Mat Exercise (1)
- KIN PE 21, Coed Touch Football (1)
- KIN PE 25C, Advanced Golf (1)
- KIN PE 25D, Golf Player Development (1)
- KIN PE 43C, Advanced Soccer (1)
- KIN PE 43D, Competitive Soccer (1)
- KIN PE 48D, Advanced Swimming (1)
- KIN PE 50C, Advanced Water Polo (1)
- KIN PE 54D, Advanced Tennis (1)
- KIN PE 56A, Beginning Track and Field (1)
- KIN PE 57C, Advanced Volleyball (1)
- VAR PE 60, Conditioning for Intercollegiate Sport (1)

CERTIFICATE OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Athletic Coaching (21 units)

A Certificate of Achievement is granted upon completion of the required units listed under the Athletic Coaching Associate degree.

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

Kinesiology – Associate in Arts for Transfer (AA-T) to CSU

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.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU's listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AA-T in Kinesiology.**

ASSOCIATE DEGREE IN KINESIOLOGY FOR TRANSFER TO CSU

The AA-T in Kinesiology is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required for transfer to the CSU system:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information. (Please note: Nonresident and international students are required to have a minimum 2.4 GPA for admission.)
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Kinesiology (21 units)

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)

- Anatomy 1, Human Anatomy (4)
- Physiology 3, Human Physiology (4)
- PRO CR 10, Introduction to Kinesiology (3)

Movement Based courses: select one course from three different areas: (3 units)

- Aquatics: KIN PE 48A, 48B, 48C, 48D, 49D, 50A, 50C, 51A, 51B
- Combatives: KIN PE 34A, 41M, 41W
- Dance: Dance 19, 41, 60
- Fitness: KIN PE 2, 10, 11A, 11B, 11C, 11N, 17, 19A, 19B, 19C, 19D, 19E, 58A, 58B, 58C
- Individual Sports: KIN PE 5A, 5B, 5C, 14, 15A, 16A, 25A, 25B, 25C, 37A, 37B, 54A, 54B, 54C, 54D, 56A
- Team Sports: KIN PE 9A, 9B, 9C, 9W, 21, 21C, 43A, 45A, 57A, 57B, 57C, 59A, 59B, 59

Support Courses: select two courses from the following: (7 units minimum)

Biology 2, Human Biology (3)
 Chemistry 10, Introductory General Chemistry (5) or
 Chemistry 11, General Chemistry I (5)
 Math 54, Elementary Statistics (4)
 Physics 6, General Physics (4)
 Physics 8, General Physics 1 with Calculus (4)
or
 Physics 21, Mechanics with Lab (5)

TRANSFER

Upon completion of the Santa Monica College AA-T in Kinesiology, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California State Polytechnic University, Pomona**
 B.S. Kinesiology – Exercise Science
 B.S. Kinesiology – Health Promotion
 B.S. Kinesiology – Pedagogy
- **California State University, Bakersfield**
 B.S. Physical Education and Kinesiology – Exercise Science
 B.S. Physical Education and Kinesiology – Physical Education
- **California State University, Chico**
 B.A. Kinesiology – Movement Studies
 B.A. Kinesiology – Physical Education Teacher Education
 B.S. Exercise Physiology – General
- **California State University, Dominguez Hills**
 B.A. Physical Education – Fitness Director
- **California State University, East Bay**
 B.S. Kinesiology – Special Studies
- **California State University, Fresno**
 B.S. Kinesiology – Exercise Science
 B.S. Kinesiology – General Kinesiology
 B.S. Kinesiology – Physical Education
- **California State University, Fullerton**
 B.S. Kinesiology – General
- **California State University, Long Beach**
 B.S. Kinesiology – Sport Psychology and Leadership
- **California State University, Los Angeles**
 B.S. Kinesiology – Community Leadership
 B.S. Kinesiology – Exercise and Human Performance
 B.S. Kinesiology – Rehabilitation and Therapeutic Exercise
 B.S. Kinesiology – Subject Matter Preparation for Single Subject Teaching Credential
- **California State University, Monterey Bay**
 B.S. Kinesiology – Exercise Science
 B.S. Kinesiology – Interdisciplinary Sport Focus
 B.S. Kinesiology – Wellness
- **California State University, Northridge**
 B.S. Kinesiology – Dance
- **California State University, Sacramento**
 B.S. Kinesiology – Physical Education
- **California State University, San Bernardino**
 B.S. Kinesiology – Exercise Science
 B.S. Kinesiology – Pedagogy
- **California State University, Stanislaus**
 B.A. Kinesiology – General

B.A. Kinesiology – Health and Wellness Promotion

- **Humboldt State University**
 B.S. Kinesiology – Exercise Science/Health Promotion
 B.S. Kinesiology – Pre-Physical Therapy
- **San Diego State University**
 B.S. Kinesiology – Exercise Science Generalist
- **San Francisco State University**
 B.S. Kinesiology – Exercise and Movement Sciences
- **San José State University**
 B.S. Kinesiology

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

Latin American Studies

See *Modern Languages*

Liberal Arts

The Liberal Studies Associate degree is available to students who enrolled at SMC in Spring 2010 or earlier and who have maintained continuous enrollment. (See page 59 for definition of continuous enrollment.) 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.

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

For additional information on Teacher Preparation, please see the Teacher Preparation guide, available online at www.smc.edu/articulation and in the Transfer/Counseling Center.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Liberal Arts (18 units)

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 two courses from different groups: (minimum 6 units required)

GROUP 1:

Art 10A*, 10B*, 13, 20A*, 20B*, 40A*, 40B, 43A, 43B, (71), (**72**)

GROUP 2:

Art History 1 (formerly Art 1), 2 (formerly Art 2), 3 (formerly Art 8), **11** (satisfies Global Citizenship requirement if completed Fall 2008 or later) (formerly Art 79), 15 (formerly Art 9), 17 (formerly Art 5), 18, 21 (formerly Art 6), 22 (formerly Art 7), 52 (same as Photography 52) (formerly Art 73), 71 (formerly Art 71), **72** (formerly Art 72); Entertainment Technology 37 (same as Graphic Design 64), 61 (same as Graphic Design 74); Graphic Design 64 (same as Entertainment Technology 37), 74 (same as Entertainment Technology 61); Photography 52 (same as Art History 52)

GROUP 3:

Dance **2**, 5

GROUP 4:

Film Studies 1 (formerly Cinema 9), 2 (formerly Cinema 1), 5 (formerly Cinema 5), 6 (formerly Cinema 8), 8 (formerly Cinema 2), 9 (formerly Cinema 4), 10 (formerly Cinema 10)

GROUP 5:

Interior Architectural Design 30 (formerly Interior Design 30), 34 (formerly Interior Design 34), 41 (formerly Interior Design 41), 42 (formerly Interior Design 42), 60 (formerly Interior Design 60), 66 (formerly Interior Design 66)

GROUP 6:

Music 1, 30, 31, 32, **33** (satisfies Global Citizenship requirement if completed Fall 2005 or later), 34, 35, **36** (satisfies Global Citizenship requirement if completed Fall 2009 or later), **37**, 39, 60A*, 60B*, 66

GROUP 7:

English 55 (same as Theatre Arts 7); Theatre Arts 2, 5, 7 (same as English 55), 41

() Courses in parentheses are no longer offered.

*May be 1.5 or 2 unit course; additional course may be required to meet minimum 6 unit Arts requirement.

PLEASE NOTE: Courses that fulfill the Global Citizenship requirement are designated by **bold underlined** text.

AREA B: HUMANITIES

Select at least two courses from two different groups OR two courses in **different** languages from Group 1: (minimum 6 units required)

GROUP 1:

American Sign Language 1, 2; Arabic 1; Chinese 1, 2, 3, 4, 8, 9; French 1, 2, 3, 4, 8, (12); German 1, 2, 3, 4, 8; Hebrew 1, 2, 3, 4, 8; Italian 1, 2, 3, (4), 8; Japanese 1, 2, 3, 4, 8; Korean 1, 2, 3, 4; Persian 1, 2; Russian 1, 2, (3), (4), 8; Spanish 1, 2, 3, 4, 8, 9, 11, 12, 20; Turkish 1

GROUP 2:

Communication Studies 12 (formerly Speech 2), **14** (formerly Speech 4)

GROUP 3:

English 2,3, 4, 5, 6, 7, 8, **9**, **10**, 11 (same as Film Studies 11), (12*), 14, 15, 17, 18, (25*), 26 (same as Humanities 26), (27A-Z*), 30A, 30B, (30C), (30D), 31, 32 (same as History 30), 34, 38, **39**, 40, 41, 45, 49, 50, 51 (same as Religious Studies 51), 52 (same as Religious Studies 52), 53, 54, 55 (same as Theatre Arts 7), 56, 57, 58, 59; Film Studies 11 (same as English 11); History 30 (same as English 32); Humanities 26 (same as English 26); Religious Studies 51 (same as English 51), 52 (same as English 52); Theatre Arts 7 (same as English 55)

GROUP 4:

Film Studies **7** (formerly Cinema 7)

GROUP 5:

History 48 (same as Philosophy 48); Philosophy 48 (same as History 48)

GROUP 6:

Environmental Studies **20** (same as Philosophy 20); Philosophy 1, 2, 3, 4, 5, 6, 10, 11, **20** (same as Environmental Studies 20), 22 (same as Religious Studies 22), 23 (same as Religious Studies 23), 24, 41, 51 (same as Political Science 51), 52 (same as Political Science 52); Political Science 51 (same as Philosophy 52), 52 (same as Philosophy 52); Religious Studies 22 (same as Philosophy 22), 23 (same as Philosophy 23)

GROUP 7:

Linguistics **1**

() Courses in parentheses are no longer offered.

*May be 1.5 or 2 unit course; additional course may be required to meet minimum 6 unit Arts requirement.

PLEASE NOTE: Courses that fulfill the Global Citizenship requirement are designated by **bold underlined** text.

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.

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

For additional information on Teacher Preparation, please see the Teacher Preparation guide, available online at www.smc.edu/articulation and in the Transfer/Counseling Center.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Liberal Arts (18 units)

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 two courses from different groups: (minimum 6 units required)

GROUP 1:

Economics 1, 2, 6

GROUP 2:

Environmental Studies **7** (same as Geography 7) (satisfies Global Citizenship requirement if completed Fall 2011 or later); Geography 2, **7** (same as Environmental Studies 7) (satisfies Global Citizenship requirement if completed Fall 2011 or later), 8 (same as Urban Studies 8), **11** (same as Global Studies 11), **14**; Global Studies **11** (same as Geography 11); Urban Studies 8 (same as Geography 8)

GROUP 3:

Economics 15 (same as History 15); English 32 (same as History 30); Environmental Studies 14 (same as History 14), **32** (same as History 32); History 1, 2, 3, 4, 5, 6, **10**, 11, 12, 13, **14** (same as Environmental Studies 14), 15 (same as Economics 15), 16, 19, 20, 21, 22, 23, 24, **25** (satisfies Global Citizenship requirement if completed Fall 2014 or later), 26, (28), 29, 30 (same as English 32), **32** (same as Environmental Studies 32), 33, **34** (satisfies Global Citizenship requirement if completed Fall 2014 or later), (35), (36), (37), 38, **39** (satisfies Global Citizenship requirement if completed Fall 2014 or later), 41, 42, 43, 45, 46, 47, 48 (same as Philosophy 48), 52, 53, 55, 62; Philosophy 48 (same as History 48)

GROUP 4:

Economics **5** (same as Political Science 5 and Global Studies 5) (satisfies Global Citizenship requirement if completed Spring 2008 or later); Environmental Studies **22** (same as Political Science 22); Global Studies **5** (same as Economics 5 and Political Science 5) (satisfies Global Citizenship requirement if completed Spring 2008 or later); Philosophy 51 (same as Political Science 51), 52 (same as Political Science 52); Political Science 1, 2, 3, **5** (same as Economics 5 and Global Studies 5) (satisfies Global Citizenship requirement if completed Spring 2008 or later), 7, 8, 11, 14, **21**, **22** (same as Environmental Studies 22), 23, (28), 31, 47, 51 (same as Philosophy 51), 52 (same as Philosophy 52)

GROUP 5:

Sociology 1, **1 S**, 2, **2 S** 4, 12, (22), 30, 31, 32, 33, **34**

GROUP 6:

Women's Studies 10, 20, 30

GROUP 7:

Global Studies **10**

() Courses in parentheses are no longer offered.

*May be 1.5 or 2 unit course; additional course may be required to meet minimum 6 unit Arts requirement.

PLEASE NOTE: Courses that fulfill the Global Citizenship requirement are designated by **bold underlined** text.

AREA B: BEHAVIORAL SCIENCE

Select at least two courses from different groups: (minimum 6 units required)

GROUP 1:

Anthropology **2** (satisfies Global Citizenship requirement if completed Fall 2008 or later), 3, 4, 7, **14** (satisfies Global Citizenship requirement if completed Fall 2008 or later), **19**, 20, **21**, 22; Astronomy **6**

GROUP 2:

Nutrition **7**

GROUP 3:

Communication Studies 31, 35 (formerly Speech 5), 36, **37** (formerly Speech 7)

GROUP 4:

Media Studies 1 (formerly Communication 1), **10** (formerly Communication 10)

GROUP 5:

Early Childhood Education **11** (satisfies Global Citizenship requirement if completed Fall 2009 or later), **18** (same as Psychology 18) (formerly Child Development 18); Environmental Studies **40** (same as Psychology 40) (satisfies Global Citizenship requirement if completed Fall 2011 or later); Home Economics 6 (same as Psychology 6); Psychology 1, 3, 5, 6 (same as Home Economics 6), 11, 12, 13, 14, **18** (same as Early Childhood Education 18), 19, 25, **40** (satisfies Global Citizenship requirement if completed Fall 2011 or later) (same as Environmental Studies 40)

() Courses in parentheses are no longer offered.

*May be 1.5 or 2 unit course; additional course may be required to meet minimum 6 unit Arts requirement.

PLEASE NOTE: Courses that fulfill the Global Citizenship requirement are designated by **bold underlined** text.

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Mathematics B.A.
Mathematics B.A. – Applied
Statistics B.A.
Engineering Mathematics and Statistics B.S.
- **University of California, Davis**
Mathematics A.B.
Statistics A.B. – Applied Statistics
Applied Mathematics B.S.
Mathematical and Scientific Computation B.S.
Mathematics B.S.
Statistics B.S. – Applied Statistics Option
Statistics B.S. – Computational Statistics Option
Statistics B.S. – General Statistics Option
- **University of California, Irvine**
Mathematics B.S.
- **University of California, Los Angeles**
Mathematics/Atmospheric and Oceanic Sciences B.S.
Pre-Financial Actuarial Mathematics B.S.
Pre-Mathematics B.S.
Pre-Mathematics B.S. – Applied
Pre-Mathematics/Applied Science B.S.
Pre-Mathematics/Economics B.S.
Pre-Mathematics for Teaching B.S.
Pre-Mathematics for Computation B.S.
Pre-Statistics B.S.
- **University of California, Merced**
Applied Mathematics B.S. – Computational Biology Emphasis
Applied Mathematics B.S. – Computer Science Emphasis
Applied Mathematics B.S. – Economics Emphasis
Applied Mathematics B.S. – Physics Emphasis Track

- **University of California, Riverside**
Mathematics B.A. – Applied Biology, Chemistry, Economics, Physics or Statistics
Mathematics B.A. – Computational Math
Mathematics B.A. – Pure Math
Statistics B.A.
Statistics B.A. – Quantitative Management Option
Statistics B.A. – Statistical Computing Option
Mathematics B.S. – Applied Biology, Chemistry Economics, Physics or Statistics
Mathematics B.S. – Computational Math
Mathematics B.S. – Pure Math
Mathematics B.S. – Secondary School Teachers
Statistics B.S.
Statistics B.S. – Quantitative Management Option
Statistics B.S. – Statistical Computing Option
- **University of California, San Diego**
Economics and Mathematics (Joint Major) B.A.
Mathematics B.A. – Secondary Education
Mathematics B.A. – Applied Science
Mathematics B.S.
Mathematics B.S. – Computer Science
Mathematics B.S. – Probability and Statistics
Mathematics B.S. – Scientific Computation
Mathematics and Economics (Joint Major) B.S.
- **University of California, Santa Barbara**
Creative Studies B.A. – Mathematics
Economics/Mathematics B.A.
Mathematics B.A.
Statistical Science B.A.
Actuarial Science B.S.
Creative Studies B.S. – Mathematics
Financial Mathematics and Statistics B.S.
Mathematical Sciences B.S.
Mathematics B.S.
Statistical Science B.S.
- **University of California, Santa Cruz**
Economics/Mathematics B.A.
Mathematics B.A.
Mathematics B.A. – Computational Concentration
Mathematics B.A. – Mathematics Education Concentration
Mathematics B.A. – Pure Concentration
Mathematics B.A. – Single Subject Teaching Credential
- **California Polytechnic State University, San Luis Obispo**
Liberal Studies B.S. – Mathematics Concentration
Mathematics B.S.
Mathematics B.S. – Applied Mathematics Concentration
Mathematics B.S. – Mathematics Teaching Concentration
Mathematics B.S. – Pure Mathematics Concentration
Statistics B.S.
- **California State Polytechnic University, Pomona**
Mathematics B.S. – Applied Mathematics/Statistics Option
Mathematic B.S. – Secondary Teacher Preparation/Pure Math Option
- **California State University, Bakersfield**
Mathematics B.S.

- Mathematics B.S. – Economics Concentration
 Mathematics B.S. – Theoretical Mathematics Concentration
- **California State University Channel Islands**
 Mathematics B.S.
 Mathematics B.S. – Actuarial Sciences/Economics Emphasis
 Mathematics B.S. – Applied Mathematics Emphasis
 Mathematics B.S. – Applied Physics Emphasis
 Mathematics B.S. – Biomathematics Emphasis
 Mathematics B.S. – Business Management Emphasis
 Mathematics B.S. – Cognitive Science Emphasis
 Mathematics B.S. – Computer Science Emphasis
 Mathematics B.S. – Digital Design Emphasis
 Mathematics B.S. – Education Emphasis
 Mathematics B.S. – Physics Emphasis
 - **California State University, Chico**
 Mathematics B.S.
 Mathematics B.S. – Applied Mathematics Option
 Mathematics B.S. – Statistics Option
 - **California State University, Dominguez Hills**
 Mathematics B.S.
 Mathematics B.S. – Mathematics Education Option
 - **California State University, East Bay**
 Mathematics B.S. – Applied Mathematics Option
 Mathematics B.S. – Mathematics Teaching Option
 Mathematics B.S. – Pure Mathematics Option
 Statistics B.S.
 - **California State University, Fresno**
 Mathematics B.S.
 - **California State University, Fullerton**
 Mathematics B.S.
 Mathematics B.S. – Applied Mathematics Concentration
 Mathematics B.S. – Probability and Statistics Concentration
 Mathematics B.S. – Pure Mathematics Concentration
 Mathematics B.S. – Teaching Concentration
 - **California State University, Long Beach**
 Mathematics B.S.
 Mathematics B.S. – Applied Mathematics Option
 Mathematics B.S. – Mathematics Education Option
 Mathematics B.S. – Statistics Option
 - **California State University, Los Angeles**
 Mathematics B.A.
 Mathematics B.A. – General Mathematics Option
 Mathematics B.A. – Pure Mathematics Option
 Mathematics B.A. – Single Subject Credential Option
 Mathematics B.S.
 Mathematics B.S. – Applied Math/Computer Science Option
 Mathematics B.A. – Applied Mathematics Option
 Mathematics B.A. – General Mathematics Option
 Mathematics B.A. – Pure Mathematics Option
 Mathematics B.A. – Single Subject Credential Option
 - **California State University, Monterey Bay**
 Mathematics B.S.
 Mathematics B.S. – Mathematics Subject Matter Preparation Concentration
 - Mathematics B.S. – Pure Mathematics Concentration
 - **California State University, Northridge**
 Mathematics B.A.
 Mathematics B.A. – Secondary Teaching Option
 Mathematics B.S.
 Mathematics B.S. – Applied Mathematics Option
 Mathematics B.S. – Statistics Option
 - **California State University, Sacramento**
 Mathematics B.A.
 Mathematics B.A. – Applied Mathematics Concentration
 Mathematics B.A. – Statistics Concentration
 - **California State University, San Bernardino**
 Mathematics B.A.
 Mathematics B.S.
 - **California State University San Marcos**
 Mathematics B.S.
 - **California State University, Stanislaus**
 Liberal Studies B.A. – Mathematics Concentration
 Mathematics B.A.
 Mathematics B.S.
 - **Humboldt State University**
 Mathematics B.A.
 Mathematics B.A. – Applied Mathematics Option
 Mathematics Education B.A.
 - **San Diego State University**
 Mathematics B.A.
 Mathematics B.S. – Applied Mathematics Emphasis
 Mathematics B.S. – Computer Science Emphasis
 Mathematics B.S. – Math Finance Emphasis
 Mathematics B.S. – Science Emphasis
 Statistics B.S.
 - **San Francisco State University**
 Mathematics B.A. – Mathematics for Advanced Study Concentration
 Mathematics B.A. – Mathematics for Liberal Arts Concentration
 Mathematics B.A. – Mathematics for Teaching Concentration
 Applied Mathematics B.S.
 Statistics B.S.
 - **San José State University**
 Mathematics B.A.
 Mathematics B.A. – Preparation for Teaching
 Applied Mathematics B.S. – Applied and Computational Mathematics Concentration
 Applied Mathematics B.S. – Economics and Actuarial Science Concentration
 Applied Mathematics B.S. – Statistics Concentration
 - **Sonoma State University**
 Applied Mathematics B.A.
 Mathematics B.A.
 Mathematics B.A. – Pure Mathematics Concentration
 Mathematics B.A. – Secondary Teaching Concentration
 Mathematics B.S.
 Mathematics B.S. – Applied Math Concentration
 Mathematics B.S. – Computer Science Concentration
 Statistics B.S.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
B.S. Mathematics

General education requirements for the University of California, California State University and other local universities are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/articulation).

Mathematics – Associate in Science for Transfer (AS-T) to CSU

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.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AS-T in Mathematics.**

ASSOCIATE DEGREE IN MATHEMATICS FOR TRANSFER TO CSU

The AS-T in Mathematics for Transfer to CSU is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for details. (Please note: Nonresident and international students are required to have a minimum GPA of 2.4 for admission.)
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Mathematics (21 units)

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 at least one course from the following: (3 units)

- CS 10, Discrete Structures (3) (*same as Math 10*)
- Math 10, Discrete Structures (3) (*strongly recommended same as CS 10*)
- Math 15, Ordinary Differential Equations (3) (*strongly recommended*)
- Physics 8, Calculus-based General Physics I with Lab (4)
- Physics 21, Mechanics with Lab (5)

TRANSFER

Upon completion of the Santa Monica College AS-T in Mathematics, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California Polytechnic State University, San Luis Obispo**
B.S. Mathematics – General
- **California State University, Bakersfield**
B.S. Mathematics – Applied
B.S. Mathematics – Economics
B.S. Mathematics – Statistics
B.S. Mathematics – Teaching
B.S. Mathematics – Theoretical
- **California State University Channel Islands**
B.S. Mathematics – General
- **California State University, Chico**
B.S. Mathematics – Applied
B.S. Mathematics – General
B.S. Mathematics – Education
B.S. Mathematics – Statistics
- **California State University, Dominguez Hills**
B.S. Mathematics
- **California State University, East Bay**
B.S. Mathematics – Option A
B.S. Mathematics – Applied
B.S. Mathematics – General
B.S. Mathematics Teaching
- **California State University, Fresno**
B.A. Mathematics
- **California State University, Fullerton**
B.A. Mathematics – Applied
- **California State University, Long Beach**
B.S. Mathematics – Applied
B.S. Mathematics – Education
B.S. Mathematics – General

B.S. Mathematics – Statistics

- **California State University, Los Angeles**
B.A. Mathematics – General
- **California State University, Monterey Bay**
B.S. Mathematics – Mathematics Subject Matter
Preparation Program
B.S. Mathematics – Pure Math
- **California State University, Northridge**
B.A. Mathematics – General
B.A. Mathematics – Secondary Teaching
B.S. Mathematics – Applied Mathematical Sciences option
B.S. Mathematics – General
B.S. Mathematics – Statistics
- **California State University, Sacramento**
B.A. Mathematics – General
- **California State University, San Bernardino**
B.A. Mathematics – General
- **California State University San Marcos**
B.S. Mathematics – General
- **California State University, Stanislaus**
B.A. Mathematics – General
B.S. Mathematics – General
- **Humboldt State University**
B.A. Mathematics
B.A. Mathematics – Applied
- **San Diego State University**
B.S. Mathematics – Science
- **San Francisco State University**
B.A. Mathematics – Mathematics for Advanced Study
B.A. Mathematics – Mathematics for Liberal Arts
B.A. Mathematics – Mathematics for Teaching
B.S. Applied Mathematics – General
B.S. Statistics – General
- **San José State University**
B.A. Mathematics
B.S. Mathematics – Preparation for Teaching
- **Sonoma State University**
B.A. Mathematics – Applied Statistics – General
B.A. Mathematics – General

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to "Available Degree Pathways," then click on the link available at "AA-T AS-T CCC Approved Degrees Report."

Modern Languages

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

African and Middle Eastern Studies (16 units)

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 African and the Middle East and the difference and commonalities in their world views and systems.

PLEASE NOTE: Students must petition the Modern Languages 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 2, Elementary Hebrew II (5)
Hebrew 8, Conversational Hebrew (2)
Persian 2, Elementary Persian II (5)
Portuguese 1, Elementary Portuguese 1 (5)
Spanish 4, Intermediate Spanish II (5)
Spanish 8, Conversational Spanish (2)
Spanish 9, The Civilization of Spain (3)
Turkish 1, Elementary Turkish 1 (5)

Select a minimum of 6 units from ONE Focus Area below:

Liberal Arts Focus Area:

Anthropology 20, Traditional Peoples and Cultures of Africa (3)
Art History 18, Introduction to African Art History (3)
English 32, History and Literature of Contemporary Africa (3)
History 16, African American History (3)
History 22, History of the Middle East (3)
History 30, History and Literature of Contemporary Africa (3)
History 38, History of Africa to 1900 (3)
History 39, History of Africa from 1900 (3)
Political Science 14, Middle East Government and Politics (3)

International Business Focus Area:

Business 50, Introduction to International Business (3)
Business 51, Intercultural Business Communication (3)
Business 52, International Marketing (3)
Business 53, Importing and Exporting (3)
Business 54, International Management (3)
Business 55, Southern California's International Connections (3)

Health Sciences Focus Area (only available to students admitted to the SMC Nursing Program):

Nursing 10, Nursing Skills (2)
Nursing 28, Community-Based Nursing Practice (1)
Nursing 60, Multicultural Health and Healing Practices (2) (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 (16 units)

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 department to obtain a Department Certificate in Asian Studies.

Select one language track from the choices below:

Chinese Language Track: (10 units)

- Chinese 9, Chinese and Cultural and Tradition (3)

and

Complete a minimum of 7 units from the following:

- Chinese 3, Intermediate Chinese 1 (5)
- Chinese 4, Intermediate Chinese 2 (5)
- Chinese 8, Conversational Chinese (2)

Japanese Language Track: (10 units)

- Japanese 9, Japan: Culture and Civilization (3)

and

Complete a minimum of 7 units from the following:

- Japanese 3, Intermediate Japanese I (5)
- Japanese 4, Intermediate Japanese II (5)
- Japanese 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:

- Art History 17, Arts of Asia-Prehistory to 1900 (3)
- English 40, Asian Literature (3)
- English 45, Asian Film, Literature, and Society (3)
- English 49, Asian Mythology (3)
- History 24, History of East Asia to 1600 (3)
- History 25, History of East Asian Since 1600 (3)
- History 62, Asian American History (3)
- Philosophy 22, Asian Philosophy (3)
- Political Science 8, The Modern Far East (3)

International Business Focus Area:

- Business 50, Introduction to International Business (3)
- Business 51, Intercultural Business Communication (3)
- Business 52, International Marketing (3)
- Business 53, Importing and Exporting (3)
- Business 54, International Management (3)

- Business 55, Southern California's International Connections (3)

Health Sciences Focus Area (only available to students admitted to the SMC Nursing Program):

- Nursing 10, Nursing Skills (2)
- Nursing 28, Community-Based Nursing Practice (1)
- Nursing 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 (16 units)

The Latin American Studies Department Certificate 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 department to obtain a Department Certificate in Latin American Studies.

Required Language Courses: (7 units)

- Portuguese 1, Elementary Portuguese 1 (5)
- Spanish 3, Intermediate Spanish I (5)
- Spanish 4, Intermediate Spanish II (5)
- Spanish 8, Conversational Spanish (2)
- Spanish 12, Spanish for Native Speakers 2 (5)

Required Civilization Courses: (3 units)

- Spanish 20, Latin American Civilization (3)

Select a minimum of 6 units from ONE Focus Area below:

Liberal Arts Focus Area:

- Anthropology 21, Peoples and Power in Latin America (3)
- Anthropology 35 S, Archeological Field Techniques (3)
- Art History 5, Latin American Art History 1 (3)
- Art History 6, Latin American Art History 2 (3)
- Art History 15, Mexican Art History (3)
- Art History 35S, Archeological Field Techniques (3)
- English 57, Latin-American Literature (3)
- English 58, Literature of Mexico (3)
- History 5, History of Latin America I (3)
- History 6, History of Latin America II (3)
- History 19, History of Mexico (3)
- History 42, The Latina(o) Experience in the United States (3)
- History 43, Mexican-American History (3)
- Sociology 31, Latinas/os in Contemporary Society (3)

International Business Focus Area:

- Business 50, Introduction to International Business (3)

Business 51, Intercultural Business Communication (3)
 Business 52, International Marketing (3)
 Business 53, Importing and Exporting (3)
 Business 54, International Management (3)
 Business 55, Southern California's International
 Connections (3)

*Health Sciences Focus Area (only available to students admitted
 to the SMC Nursing Program):*

Nursing 10, Nursing Skills (2)
 Nursing 28, Community-Based Nursing Practice (1)
 Nursing 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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
 Music B.A.
- **University of California, Davis**
 Music A.B.
- **University of California, Irvine**
 Music B.A.
Music B.M.
 Music Theatre B.F. A.
- **University of California, Los Angeles**
 Ethnomusicology B.A. – Jazz Studios
 Music B.A. – Bassoon
 Music B.A. – Clarinet
 Music B.A. – Classical Guitar
 Music B.A. – Composition
 Music B.A. – Euphonium
 Music B.A. – Flute
 Music B.A. – French Horn
 Music B.A. – Harp
 Music B.A. – Oboe
 Music B.A. – Organ
 Music B.A. – Percussion
 Music B.A. – Classical Saxophone
 Music B.A. – String Bass
 Music B.A. – Trombone
 Music B.A. – Trumpet
 Music B.A. – Tuba
 Music B.A. – Viola
 Music B.A. – Violin
 Music B.A. – Violoncello
 Music B.A. – Voice
 Music History B.A.
 Theatre B.A. – Musical Theater
 World Arts and Cultures/Dance – Cultural Studies B.A.
 World Music B.A.
- **University of California, Riverside**
 Music B.A.
 Music and Culture B.A.
- **University of California, San Diego**
 Music B.A.
 Music/Humanities B.A.
 Music/Interdisciplinary Computing and the Arts B.A.
- **University of California, Santa Barbara**
 Creative Studies B.A. – Music Composition
 Music B.A.
 Music B.M.
- **University of California, Santa Cruz**
 Music B.A.
 Music B.M.
- **California Polytechnic State University,
 San Luis Obispo**
 Music B.A.
- **California State Polytechnic University, Pomona**
 Music B.A. – Music Education Emphasis
 Music B.A. – Music Industry Studies Emphasis
 Music B.A. – Performance Emphasis
- **California State University, Bakersfield**
 Music B.A.

- **California State University Channel Islands**
Performing Arts B.A. – Dance Emphasis
Performing Arts B.A. – Music Emphasis
Performing Arts B.A. – Theatre Emphasis
- **California State University, Chico**
Music B.A.
Music B.A. – Music Education Option
Music B.A. – Music Industry Option
Music B.A. – Recording Arts Option
Music Theatre B.A.
- **California State University, Dominguez Hills**
Music B.A. – General Option
Music B.A. – Music Education Option
Music B.A. – Performance Option
- **California State University, East Bay**
Music B.A.
Theatre Arts B.A. – Music Theatre Option
- **California State University, Fresno**
Music B.A. – Composition Option
Music B.A. – Instrumental Jazz Performance
Music B.A. – Instrumental Performance Option
Music B.A. – Music as a Liberal Art Option
Music B.A. – Music Education Option
Music B.A. – Vocal Performance Option
- **California State University, Fullerton**
Music B.A.
Music B.A. – Liberal Arts Concentration
Music B.A. – Music Education Concentration
Music B.A. – Music History and Theory Concentration
Music B.M.
Music B.M. – Accompanying Concentration
Music B.M. – Composition Concentration
Music B.M. – Instrumental Concentration
Music B.M. – Jazz and Commercial Music Concentration
Music B.M. – Keyboard Concentration
Music B.M. – Voice Concentration
Theatre Arts B.F.A. – Music Theatre Concentration
- **California State University, Long Beach**
Music B.A.
Music B.M. – Choral-Vocal Option
Music B.M. – History and Literature Option
Music B.M. – Instrumental Option
Music B.M. – Performance Option
- **California State University, Los Angeles**
Music B.A.
Music B.M.
Music B.M. – Composition Option
Music B.M. – Instrumental Performance Option
Music B.M. – Jazz Studies Option
Music B.M. – Keyboard Performance Option
Music B.M. – Music Education Option
Music B.M. – Vocal Performance Option
- **California State University, Monterey Bay**
Music B.A.
Music B.A. – Contemporary Music Concentration
Music B.A. – Recording/Technology Concentration
- **California State University, Northridge**
Music B.A. – Breadth Studies in Music Option
- Music B.A. – Music Education Option
Music B.A. – Music Industry Studies Option
Music B.A. – Music Therapy Option
Music B.M.
- **California State University, Sacramento**
Music B.A.
Music B.A. – Music Management Concentration
Music B.M.
Music B.M. – Instrumental Concentration
Music B.M. – Jazz Concentration
Music B.M. – Keyboard Concentration
Music B.M. – Music Education Concentration
Music B.M. – Theory/Composition Concentration
Music B.M. – Voice Concentration
- **California State University, San Bernardino**
Music B.A.
Music B.A. – Commercial Music Emphasis
Music B.A. – Ethnomusicology Emphasis
Music B.A. – General Music Studies Emphasis
Music B.A. – Music Education Emphasis
Music B.A. – Music History Emphasis
Music B.A. – Music Technology Emphasis
Music B.A. – Performance/Composition Emphasis
Theatre Arts B.A. – Music Theatre Emphasis
- **California State University San Marcos**
Music B.A.
Music B.A. – Contemporary Music Concentration
Music B.A. – Recording/Technology Concentration
Visual and Performing Arts B.A.
Visual and Performing Arts B.A. – Music Option
- **California State University, Stanislaus**
Liberal Studies B.A. – Music Concentration
Music B.A. – General Music Concentration
Music B.A. – Music Technology Concentration
Music B.M. – Composition Concentration
Music B.M. – Instrumental Performance Concentration
Music B.M. – Jazz Studies Concentration
Music B.M. – Music Education – Choral Concentration
Music B.M. – Music Education – Instrumental Concentration
Music B.M. – Piano Performance Concentration
Music B.M. – Vocal Performance Concentration
- **Humboldt State University**
Music B.A. – Composition Option
Music B.A. – Music Education Option
Music B.A. – Music Studies Option
Music B.A. – Performance Option
- **San Diego State University**
Music B.A.
Music B.M.
- **San Francisco State University**
Music B.A.
Music B.M.
- **San José State University**
Music B.A.
Music B.M. – Composition Concentration
Music B.M. – Jazz Studies Concentration
Music B.M. – Music Education Concentration
Music B.M. – Performance Concentration

- **Sonoma State University**

Music B.A. – Liberal Arts Concentration
 Music B.M. – Applied Music Concentration
 Music B.M. – Jazz Studies Concentration
 Music B.M. – Music Education Concentration

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**

Choral Conducting B.A.
 Instrumental Conducting B.A.
 Instrumental Studies B.A.
 Music History/Literature B.A.
 Theory/Composition B.A.
 Vocal Studies B.A.
 World Music/Ethnomusicology B.A.

General education requirements for the California State Universities and Colleges and other local universities are listed elsewhere in this catalog, as well as online (go to www.smc.edu/articulation).

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Music (39 units)

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)

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]

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 Theatre 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)

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 Theatre Arts 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)

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]

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 (3)
 Music 65B, Keyboard Improvisation II (3)
 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 92A, 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 (39 units)

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:

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 require-

ment 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)

Additional 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 www.smc.edu/articulation).

Nursing – RN

The objectives of this program are to prepare students to meet the minimum standards of the California Board of Registered Nursing and employment in the field. Students must complete all requirements for the Associate degree in order to graduate from the program (exception: LVN 30 unit option). The Associate degree in Nursing (ADN) requires satisfactory completion of at least 71 semester units with a C average or higher in the Nursing area of emphasis (articulated below), the Global Citizenship requirement*, and fulfillment of Santa Monica College general education requirements, CSU GE, or IGETC. Nursing students who earned a Bachelor's degree or higher at a regionally accredited institution are not required to complete GE requirements at the community college. However, Sociology 1, Communication Studies 11 (*formerly Speech 1*) OR Communication Studies 35 (*formerly Speech 5*), and Psychology 19 are considered requirements and must be completed. Communication Studies became an option for this requirement effective Summer 2013 or later. Please see a Health Sciences counselor for additional information or clarification.

Upon completion, graduates are eligible to apply to take the National Council Licensing Examination (NCLEX) to become a Registered Nurse.

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 www.smc.edu/nursing/major-preparation.htm*);
- 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.

Please visit the Nursing website (www.smc.edu/nursing) for additional application and admission information.

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Irvine**
Nursing Science B.S.
- **University of California, Los Angeles**
Nursing B.S. – Generic/Prelicensure
- **California State University, Bakersfield**
Nursing B.S.
- **California State University Channel Islands**
Nursing B.S. Track I – General Basic
Nursing B.S. Track I – BSN Program at Cottage Health System
Nursing B.S. Track II – AND to BSN Fast Track
Nursing B.S. Track II – RN to BSN
- **California State University, Chico**
Nursing B.S.
- **California State University, Dominguez Hills**
Nursing B.S.
- **California State University, East Bay**
Nursing B.S.
- **California State University, Fresno**
Nursing B.S.

- **California State University, Fullerton**
Nursing B.S.
- **California State University, Long Beach**
Nursing B.S.
Registered Nurse B.S.
- **California State University, Los Angeles**
Nursing B.S.
- **California State University, Northridge**
Nursing B.S.
R.N. – B.S.N. Nursing
- **California State University, Sacramento**
Nursing B.S.
- **California State University, San Bernardino**
Nursing B.S.
- **California State University, Stanislaus**
Nursing B.S.
- **San Diego State University**
Nursing B.S.
- **San Francisco State University**
Nursing B.S.
- **San José State University**
Nursing B.S.
- **Sonoma State University**
Nursing B.S.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **International University of Nursing, St. Kitts**
Please see www.iuon.org for more information.
B.S. Nursing
- **Kaplan University**
B.S. Nursing
- **Mills College**
Pre-Nursing Program
- **Mount St. Mary's College**
B.S. Nursing
R.N. – B.S.N. Completion Program
- **National University**
B.S. Nursing
- **University of Southern Nevada, College of Nursing**
Please see www.usn.edu/nursing for more information.

ASSOCIATE DEGREE – NURSING (ADN)

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

ADN Curriculum – 74 units

Prerequisite Courses: (16 units)

- English 1, Reading and Composition 1 (3)
 Anatomy 1, General Human Anatomy (4) (*prerequisite: English 1 or equivalent*)
 Physiology 3, Human Physiology (4) (*prerequisites: Anatomy 1 and Chemistry 10 or eligibility for Chemistry 11*)
 Microbiology 1, Fundamentals of Microbiology (5) (*prerequisites: Chemistry 10 or eligibility for Chemistry 11, and Physiology 3 or Biology 3 or 21*)

Effective Fall 2014, the SMC Nursing Program will use a multi-criteria application process. Please check the Nursing website (www.smc.edu/nursing) frequently for updates and information.

Nursing theory courses have a corresponding Clinical (laboratory) component that must be taken concurrently.

Additional ADN Graduation Requirements: (18 units)*

Each course must be completed with a grade of C or higher, except for Global Citizenship (if not double counted as a Humanities) and Math, which can be completed with a grade of D or higher.

Communication Studies 35, Interpersonal Communication (3) (*formerly Speech 5*)

or

Communication Studies 11, Elements of Public Speaking (3) (*formerly Speech 1*)

Psychology 19, Lifespan Human Development (3) (*prerequisite: Physiology 3 or equivalent*)

Sociology 1, Introduction (3)

or

Sociology 1 S, Introduction to Sociology – Service Learning (3)

Global Citizenship/Humanities (*select one course from the following*) (*must be completed with a grade of C or higher*): Art (72), (79) (*satisfies Global Citizenship requirement if completed Fall 2008 or later*); Art History 6, 11 (*satisfies Global Citizenship requirement if completed Fall 2008 or later*), 72; Cinema (7) (*see Film Studies*); Communication Studies 14 (*formerly Speech 4*); Dance 2; English 9, 10; Environmental Studies 20 (*same as Philosophy 20*); Film Studies 7 (*formerly Cinema 7*); Linguistics 1; Music 33 (*satisfies Global Citizenship requirement if completed Fall 2005 or later*), 36 (*satisfies Global Citizenship requirement if completed Fall 2009 or later*), 37; Philosophy 20 (*same as Environmental Studies 20*); Portuguese 1

Social Science – Group A (3): History 10, 11, 12, 14 (*same as Environmental Science 14*), 15 (*same as Economics 15*), 45, 46; Political Science 1

Nursing students who earned a Bachelor's degree or higher at a regionally accredited institution are not required to complete the GE requirements at the community college. However, Sociology 1, Communication Studies 35 (*formerly Speech 5*) or 11 (*if completed Summer 2013 or later*), and Psychology 19, a Humanities course, and a Social Science Group A course are considered Nursing requirements.

Choose one option from the following three:

OPTION 1:

Computer Science 10 (*same as Math 10*); Math 2, 7, 8, 10 (*same as CS 10*), 11, 13, 15, 18, 20, 21, (22), (23), (24), 26, 28, 29, 32 (*satisfies area if completed Fall 2006 or later*), 41, (52), 54

() Courses in parentheses are no longer offered.

OPTION 2:

Students who enrolled at Santa Monica College Fall 2007 or later or who **have not** maintained continuous enrollment* must: Pass Math Proficiency Test** and one of the courses listed below **or** complete the Santa Monica College math assessment and place into Math 18, 20, 32, or higher and take one of the following courses: Accounting 1, 2; Communication Studies 21 (*formerly Speech 11*); any Computer Science course; Philosophy 7, 9; Sociology 4; Speech (*see Communication Studies*) (11)

OPTION 3:

Students who enrolled at Santa Monica College prior to Fall 2007 and who **have** maintained continuous enrollment* must: Pass Math Proficiency Test** and one of the courses listed below **or** complete the Santa Monica College math assessment and place into Math 18, 20, 32, or higher and take one of the following courses: Accounting 1, 2, 21; Business 32; Communication Studies 11 (*formerly Speech 1*), 12 (*formerly Speech 2*), 21 (*formerly Speech 11*), 35 (*formerly Speech 5*); any Computer Information Systems course; English 2, 23, 48; ESL 23; Journalism 1; Philosophy 7, 9; Psychology 5; Sociology 4; Speech (*see Communication Studies*) (1), (2), (5), (11)

*Continuous enrollment is defined as enrollment in each Fall and Spring semester until graduation.

**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.

Upon admission to the Nursing program, the courses listed below will be required. Please note that Nursing Theory classes have a corresponding Clinical (laboratory) component that must be taken concurrently.

Level 1/First Semester: 9 units

Admission to the Nursing Program:

Nursing 10, Nursing Skills (2)
 Nursing 10L, Nursing Skills Laboratory (2)
 Nursing 36, Calculations in Drugs and Solutions (1)
Prerequisite Courses: Nursing 10, Nursing 10L, Nursing 36
 Nursing 15, Nursing Fundamentals (2)
 Nursing 15L, Nursing Fundamentals Laboratory (2)

Level 2/Second Semester: 12 units

Prerequisite Courses: Nursing 15, Nursing 15L
 Nursing 17, Pharmacological Aspects of Nursing (3)
 Nursing 20, Introduction to Medical/Surgical Nursing (2)
 Nursing 20L, Introduction to Medical/Surgical Nursing Laboratory (2)
*Prerequisite Courses: Nursing 20, Nursing 20L, Nursing 19**
 Nursing 16, Physical Assessment (1)**
 Nursing 25, Psychiatric Mental Health Nursing (1.5)
 Nursing 25L, Psychiatric Mental Health Nursing Laboratory (1.5)**
 Nursing 28, Community-Based Nursing Practice (1)**

****Nursing 28, Nursing 16 and Nursing 25L must be taken concurrently with Nursing 25**

Level 3/Third Semester: 10 units

Prerequisite Courses: Nursing 25, Nursing 25L, Nursing 16, Nursing 17, Nursing 28
Nursing 30, Intermediate Medical/Surgical Nursing (2.5)
Nursing 30L, Intermediate Medical/Surgical Nursing Laboratory (2.5)
Nursing 35, Advanced Medical/Surgical Nursing (2.5)
Nursing 35L, Advanced Medical/Surgical Nursing Laboratory (2.5)

Level 4/Fourth Semester: 9 units

Prerequisite Courses: Nursing 35, Nursing 35L, Psychology 19
Nursing 40, Nursing of Children/Pediatrics (1.5)
Nursing 40L, Nursing of Children/Pediatrics Laboratory (1.5)
Nursing 45, Women's Health Care (1.5)
Nursing 45L, Women's Health Care Laboratory (1.5)
Prerequisite Courses: All courses that are part of the Nursing Curriculum Plan
Nursing 50, Professional Role Transition (1)
Nursing 50L, Professional Role Transition Laboratory (2)

LVN to ADN, Career Ladder Curriculum Option (for LVNs Only)

Each course must be completed with a grade of C or higher.

Pre-Preparation:

English Assessment Test
Math Assessment Test
Chemistry 10

or
eligibility for Chemistry 11

Prerequisites: (18 units)

Anatomy 1, General Human Anatomy (4) (prerequisite: English 1 **or** equivalent)
English 1, Reading and Composition 1 (3)
Microbiology 1, Fundamentals of Microbiology (5) (prerequisites: Chemistry 10 **or** eligibility for Chemistry 11, **and** Physiology 3 **or** Biology 3 **or** 21)
Nursing 19, Orientation for Advanced Placement – ADN program (2)
Physiology 3, Human Physiology (4) (prerequisites: Anatomy 1 **and** Chemistry 10 **or** eligibility for Chemistry 11)

Additional ADN Graduation Requirements*: (18 units)

Each course must be completed with a grade of C or higher, except for Global Citizenship (if not double counted as Humanities) and Math, each of which can be completed with a grade of D or higher.

Communication Studies 35, Interpersonal Communication (3) (formerly Speech 5) **or**
Communication Studies 11, Elements of Public Speaking (3) (satisfies area Global Citizenship requirement if completed Summer 2013 or later) (formerly Speech 1)
Psychology 19, Lifespan Human Development (3) (prerequisite: Physiology 3 or equivalent)
Sociology 1, Introduction to Sociology (3) **or** Sociology 1 S, Introduction to Sociology – Service Learning (3)

Global Citizenship/Humanities (select one course from the following) (must be completed with a grade of C or higher): Art (72), (79) (satisfies Global Citizenship requirement if completed Fall 2008 or later); Art History 6, 11 (satisfies Global Citizenship requirement if completed Fall 2008 or later), 72; Cinema (7) (see Film Studies); Communication Studies 14 (formerly Speech 4); Dance 2; English 9, 10; Environmental Studies 20 (same as Philosophy 20); Film Studies 7 (formerly Cinema 7); Linguistics 1; Music 33 (satisfies Global Citizenship requirement if completed Fall 2005 or later), 36 (satisfies Global Citizenship requirement if completed Fall 2009 or later), 37; Philosophy 20 (same as Environmental Studies 20); Portuguese 1

Social Science – Group A (3): History 10, 11, 12, 14 (same as Environmental Science 14), 15 (same as Economics 15), 45, 46; Political Science 1

Note: Some courses may be taken prior to semester listed, and some courses must be completed prior to entry into Level 3, and all courses part of the Nursing Curriculum Plan (*) must be taken before Level 4/Fourth Semester.

Nursing Theory courses have a corresponding Clinical (laboratory) component that must be taken concurrently.

Students must have a valid CA LVN license, IV Certification, and one year of experience in direct patient care within the past two years (5-year recency requirement is then waived for Human Anatomy, Human Physiology, and Microbiology). All interested students must meet with the Program Director.

Choose one option from the following three:

OPTION 1:

Computer Science 10 (same as Math 10); Math 2, 7, 8, 10 (same as CS 10), 11, 13, 15, 18, 20, 21, (22), (23), (24), 26, 28, 29, 32 (satisfies area if completed Fall 2006 or later), 41, (52), 54

() Courses in parentheses are no longer offered.

OPTION 2:

Students who enrolled at Santa Monica College Fall 2007 or later or who **have not maintained continuous enrollment* must: Pass Math Proficiency Test** and one of the courses listed below or** complete the Santa Monica College math assessment and place into Math 18, 20, 32, or higher and take one of the following courses: Accounting 1, 2; Communication Studies 21 (formerly Speech 11); any Computer Science course; Philosophy 7, 9; Sociology 4; Speech (see Communication Studies) (11)

OPTION 3:

Students who enrolled at Santa Monica College prior to Fall 2007 and who **have** maintained continuous enrollment* must: Pass Math Proficiency Test** and one of the courses listed below **or** complete the Santa Monica College math assessment and place into Math 18, 20, 32, or higher and take one of the following courses: Accounting 1, 2, 21; Business 32; Communication Studies 11 (formerly Speech 11), 12 (formerly Speech 2), 21 (formerly Speech 11), 35 (formerly Speech 5); any Computer Information Systems/Computer Science course; English 2, 23, 48; ESL 23; Journalism 1; Philosophy 7, 9; Psychology 5; Sociology 4; Speech (see Communication Studies) (1), (2), (5), (11)

*Continuous enrollment is defined as enrollment in each Fall and Spring semester until graduation.

**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.

Level 3:

Each course must be completed with a grade of C or higher.

Required Nursing Courses – 10 units

Nursing 16, Physical Assessment (1)**

Nursing 25, Psychiatric Mental Health Nursing (1.5)

Nursing 25L, Psychiatric Mental Health Nursing

Laboratory (1.5)**

Nursing 28, Community Based Nursing (1)**

Nursing 35, Advanced Medical/Surgical Nursing (2.5)

Nursing 35L, Advanced Medical/Surgical Nursing (2.5)

** Nursing 28, Nursing 16 **and** Nursing 25L must be taken concurrently with Nursing 25

Level 4:

Each course must be completed with a grade of C or higher.

Required Nursing Courses – 9 units

Nursing 40, Nursing of Children/Pediatrics (1.5)

Nursing 40L, Nursing of Children/Pediatrics Laboratory (1.5)

Nursing 45, Women's Health Care (1.5)

Nursing 45L, Women's Health Care Laboratory (1.5)

Nursing 50, Professional Role Transition (1)

Nursing 50L, Professional Role Transition Laboratory (2)

Total Units: 55 Units

NOTE: Students who have not already taken the math course(s) required to meet the Santa Monica College general Associate degree requirements **must** take the Math Proficiency Test prior to receiving the degree. Students may complete this exam any time within one year of their anticipated graduation date. Note that the exam may be taken only once.

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 Technical 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:

Chemistry 10

or

eligibility for Chemistry 11

Prerequisite Courses (with a grade of C or higher): 11 units

Microbiology 1, Fundamentals of Microbiology (5)

(prerequisites: Chemistry 10 **or** eligibility for Chemistry 11, **and** Physiology 3 **or** Biology 3 **or** 21)

Nursing 19, Orientation for Advanced Placement – ADN Program (2)

Physiology 3, Human Physiology (4) (prerequisites:

Anatomy 1 **and** Chemistry 10 **or** eligibility for Chemistry 11)

Nursing Theory courses have a corresponding Clinical (laboratory) component that must be taken concurrently.

Level 3:

Each course must be completed with a grade of C or higher.

Required Nursing Courses – 10 units

Nursing 16, Physical Assessment (1)**

Nursing 25, Psychiatric Mental Health Nursing (1.5)

Nursing 25L, Psychiatric Mental Health Nursing

Laboratory (1.5)**

Nursing 28, Community Based Nursing (1)**

Nursing 35, Advanced Medical/Surgical Nursing (2.5)

Nursing 35L, Advanced Medical/Surgical Nursing (2.5)

** Nursing 28, Nursing 16 **and** Nursing 25L must be taken concurrently with Nursing 25

Level 4:

Each course must be completed with a grade of C or higher.

Required Nursing Courses – 9 units

Nursing 40, Nursing of Children/Pediatrics (1.5)

Nursing 40L, Nursing of Children/Pediatrics Laboratory (1.5)

Nursing 45, Women's Health Care (1.5)

Nursing 45L, Women's Health Care Laboratory (1.5)

Nursing 50, Professional Role Transition (1)

Nursing 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.

CAREER LADDER OPPORTUNITIES

Individuals with equivalent nursing education and licensed vocational nurses may be given transfer credit, advanced placement and/or be permitted to challenge nursing courses. A special application is required in addition to the regular college application. Contact the Health Sciences department for more information.

A licensed vocational nurse may become a graduate of the registered nursing program by completing the following requirements for the Associate degree: meeting admission requirements for the LVN to ADN curriculum, minimum physical qualifications, proof of valid California unrestricted LVN license and at least one year of direct nursing experience within the past two years, preferably in an acute care setting.

CONTINUING EDUCATION

Registered nurses seeking re-licensure must submit satisfactory proof that during the previous 24-month period the licensee has completed 30 hours of continuing education. Selected nursing courses qualify for continuing education credit. Other courses may be used if they relate to a specific area of job performance or pursuit of a higher degree in nursing.

The appropriate California board (Board of Registered Nursing or Board of Vocational Nurses and Psychiatric Technicians) should be contacted about the suitability of a specific course for meeting the continuing education requirement for re-licensure. Upon completion of the course, the nurse should write "Provider Number 01050" on either the official grade sheet or transcript and maintain it as a record of satisfying the requirement.

ACCREDITING AGENCIES

Accreditation Commission for Education
in Nursing, Inc. (ACEN)
3343 Peachtree Road NE, Suite 850
Atlanta, GA 30326
(404) 975-5000
www.acenursing.org

California Board of Registered Nursing
1747 North Market Boulevard, Suite 150
Sacramento, CA 95834-1924
(916) 322-3350
www.rn.ca.gov

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Nutritional Science B.S.
- **University of California, Davis**
Clinical Nutrition B.S.
Food Science B.S.
Nutritional Science B.S.
- **California Polytechnic State University, San Luis Obispo**
Nutrition Science B.S.
Nutritional Science B.S. – Advanced Food Science Concentration
Nutritional Science B.S. – Applied Food Technology Concentration
Nutritional Science B.S. – Culinary Concentration
Nutrition B.S. – Applied Nutrition Concentration
Nutrition B.S. – Nutrition and Food Industries Concentration
Nutrition B.S. – Nutrition Science Concentration
- **California State Polytechnic University, Pomona**
Foods and Nutrition B.S. – Dietetics Option
Foods and Nutrition B.S. – Nutrition Science Option
Foods Science and Technology B.S. – Business Track
Foods Science and Technology B.S. – Culinology Career Track
Foods Science and Technology B.S. – Pre-Professional Career Track
Foods Science and Technology B.S. – Science and Technology Career Track
- **California State University, Chico**
Nutrition and Food Dietetics B.S.
- **California State University, East Bay**
Kinesiology B.S. – Exercise Nutrition and Wellness Option
- **California State University, Fresno**
Food and Nutrition Sciences B.S. – Culinology Option
Food and Nutrition Sciences B.S. – Dietetics and Food Administration Option
Food and Nutrition Sciences B.S. – Food Science Option
- **California State University, Long Beach**
Dietetics and Food Administration B.S. – Food Science Option
Dietetics and Food Administration B.S. – Nutrition and Hospitality Management B.S.
- **California State University, Los Angeles**
Food Science B.S.
Nutritional Science B.S.

Nutrition Science B.S. – Coordinated Dietetics Option
Nutrition Science B.S. – Nutrition Option

- **California State University, Northridge**
Family and Consumer Sciences B.S. – Nutrition, Dietetics and Food Science Option
- **California State University, Sacramento**
Family and Consumer Sciences B.A. – Nutrition and Food Concentration
- **California State University, San Bernardino**
Nutrition and Food Sciences B.S.
- **San Diego State University**
Food and Nutrition B.S.
Kinesiology B.S. – Fitness Specialist Emphasis
- **San Francisco State University**
Dietetics B.S.
Family and Consumer Sciences B.A.
- **San José State University**
Nutrition Science B.S.
Nutrition Science B.S. – Dietetics Concentration
Nutrition Science B.S. – Food Science and Technology Concentration
Nutrition Science B.S. – Packaging Concentration

General education requirements for the University of California and California State University and other local universities are available online at www.smc.edu/articulation and listed in the Academics section of this catalog.

Office Technology

Formerly Office Information Systems

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/clerk.

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

ASSOCIATE DEGREE – 60 UNITS

The suggested program assumes no previous instruction in Office Technology courses. Beginning courses may be waived if students have sufficient skills to be eligible for the advanced courses.

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

General Office (30-32 units)

The General Office 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.

Students may qualify for an Associate degree in this major. The suggested program assumes no previous instruction in Office Technology courses. Beginning courses may be waived if students have sufficient skills to make them eligible for the advanced courses.

Program Learning Outcomes: Upon completion of the program, students will create and revise commonly used business documents using computer software applications, keyboarding skills, and knowledge of English language principles. Also, given transaction data, students will perform basic bookkeeping/accounting tasks, such as classifying, recording, and preparing financial documents.

Required Courses: (27-29 units)

Accounting 1, Introduction to Financial Accounting (5)

or

Accounting 21, Business Bookkeeping (3)

Business 32, Business Communication (3)

CIS 1, Computer Concepts with Applications (3)

CIS 4, Introduction to Computers, Business Applications (3)

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

CIS 37A, Microsoft Word I (3)

CIS 37B, Microsoft Word II (3)

CIS 39, MS Outlook – Comprehensive Course (3)

OFTECH 5, English Skills for the Office (3)

Select 3 units from the following keyboarding courses:

OFTECH 1, Keyboarding I (3)

or

OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B,

Keyboarding 1B (1) **and** 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 www.smc.edu/articulation).

Legal Administrative Assistant (30 units)

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 agen-

cies, 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: (27-29 units)

- Business 5, Business Law (3)
- CIS 4, Introduction to Computers, Business Applications (3)
- CIS 30, Microsoft Excel (3) (*formerly CIS 31*)
- CIS 37A, Microsoft Word I (3)
- CIS 37B, Microsoft Word II (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 keyboarding courses:

- OFTECH 1, Keyboarding I (3)
- or**
- OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B, Keyboarding 1B (1) **and** OFTECH 1C, Keyboarding 1C (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 (36 units)

The Medical Administrative Assistant certificate 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: (33 units)

- CIS 4, Introduction to Computers, Business Applications (3)
- CIS 37A, Microsoft Word I (3)
- CIS 37B, Microsoft Word II (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 keyboarding courses to complete the 36 required units:

- OFTECH 1, Keyboarding I (3)
- or**
- OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B, Keyboarding 1B (1) **and** OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

Medical Coding and Billing Specialist (36 units)

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. Employment outlook for medical billing/coding workers is expected to grow much faster than the average for all occupations through 2018, due to rapid growth in the number of medical tests, treatments, and procedures that will be increasingly scrutinized by third-party payers, regulators, courts, and consumers.

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: (33-34 units)

- Anatomy 1, General Human Anatomy (4)
- or**
- Biology 2, Human Biology (3)
- CIS 4, Introduction to Computers, Business 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 keyboarding courses:

- OFTECH 1, Keyboarding I (3)
- or**
- OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B, Keyboarding 1B (1) **and** 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 www.smc.edu/articulation).

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

General Office (30-32 units)

A Certificate of Achievement in General Office will be granted upon completion of the major requirements listed above.

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

Legal Administrative Assistant (30 units)

A Certificate of Achievement in Legal Administrative Assistant will be granted upon completion of the major requirements listed above.

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

Medical Administrative Assistant (36 units)

A Certificate of Achievement in Medical Administrative Assistant will be granted upon completion of the major requirements listed above.

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

Medical Coding and Billing Specialist (36 units)

A Certificate of Achievement in Medical Coding and Billing Specialist will be granted upon completion of the major requirements listed above.

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

DEPARTMENT CERTIFICATES

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Clerical/Data Entry (12 units)

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, Introduction to Computers, Business Applications (3)
- CIS 37A, Microsoft Word I (3)
- CIS 37B, Microsoft Word II (3)
- OFTECH 5, English Skills for the Office (3)

Select 3 units from the following keyboarding courses:

OFTECH 1, Keyboarding I (3)

or

- OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B, Keyboarding 1B (1) **and** OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

Medical Billing/Coding (15 units)

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 keyboarding courses:

OFTECH 1, Keyboarding I (3)

or

- OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B, Keyboarding 1B (1) **and** OFTECH 1C, Keyboarding 1C (1)

- OFTECH 9, Keyboarding Improvement (1)
OFTECH 10, Skill Building on the Keyboard (3)

Medical Records Clerk/Receptionist (15 units)

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), 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: (11 units)

- CIS 4, Introduction to Computers, Business 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 keyboarding courses:

- CIS 30, Microsoft Excel (3) (formerly CIS 31)
OFTECH 9, Keyboarding Improvement (1)
OFTECH 10, Skill Building on the Keyboard (3)

Medical Transcription (15 units)

The Medical transcription certificate 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 keyboarding courses:

- OFTECH 1, Keyboarding I (3)

or

- OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B, Keyboarding 1B (1) **and** OFTECH 1C, Keyboarding 1C (1)
OFTECH 9, Keyboarding Improvement (1)
OFTECH 10, Skill Building on the Keyboard (3)

Word Processing (15 units)

This certificate 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.

Required Courses: (12 units)

- CIS 4, Introduction to Computers, Business Applications (3)
OFTECH 5, English Skills for the Office (3)
CIS 37A, Microsoft Word I (3)
CIS 37B, Microsoft Word II (3)

Select 3 units from the following keyboarding courses:

- OFTECH 1, Keyboarding I (3)

or

- OFTECH 1A, Keyboarding 1A (1) **and** OFTECH 1B, Keyboarding 1B (1) **and** OFTECH 1C, Keyboarding 1C (1)
OFTECH 9, Keyboarding Improvement (1)
OFTECH 10, Skill Building on the Keyboard (3)

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Philosophy B.A.
- **University of California, Davis**
Philosophy A.B.
- **University of California, Irvine**
Philosophy B.A.
- **University of California, Los Angeles**
Linguistics and Philosophy B.A.
Philosophy B.A.
- **University of California, Riverside**
Philosophy B.A.
- **University of California, San Diego**
Philosophy B.A.
- **University of California, Santa Barbara**
Philosophy B.A.
- **University of California, Santa Cruz**
Philosophy B.A.
Philosophy B.A. – Religious Thought Concentration
- **California Polytechnic State University,
San Luis Obispo**
Philosophy B.A.
- **California State Polytechnic University, Pomona**
Philosophy B.A.
Philosophy B.A. – Law and Society Option
- **California State University, Bakersfield**
Philosophy B.A. – General Emphasis
Philosophy B.A. – Graduate School Emphasis
- **California State University, Chico**
Philosophy B.A.
- **California State University, Dominguez Hills**
Philosophy B.A.
Philosophy B.A. – Religious Studies Option
- **California State University, East Bay**
Philosophy B.A.
- **California State University, Fresno**
Cognitive Science B.S.
Philosophy B.A.
Philosophy B.A. – Prelaw Option
Philosophy B.A. – Religious Studies Option
- **California State University, Fullerton**
Philosophy B.A.
Philosophy B.A. – Social, Moral and Legal Philosophy
Concentration
- **California State University, Long Beach**
Philosophy B.A.
- **California State University, Los Angeles**
Philosophy B.A.
Philosophy B.A. – General Philosophy Option
Philosophy B.A. – Pre-Law Option
- **California State University, Monterey Bay**
Human Communication B.A.
Human Communication B.A. – Practical and Professional
Ethics Concentration

- **California State University, Northridge**
Philosophy B.A.
- **California State University, San Bernardino**
Philosophy B.A.
- **California State University, Stanislaus**
Liberal Studies B.A. – Applied Philosophy Concentration
Philosophy B.A.
Philosophy B.A. – Ethics, Politics and Law Concentration
Philosophy B.A. – General Major Concentration
Philosophy B.A. – Logic and Philosophy of Science
Concentration
- **Humboldt State University**
Philosophy B.A.
- **San Diego State University**
Philosophy B.A.
- **San Francisco State University**
Philosophy B.A.
Philosophy and Religion B.A.
- **San José State University**
Humanities B.A. – Religious Studies Concentration
Philosophy B.A.
- **Sonoma State University**
Philosophy B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
B.A. Philosophy

General education requirements for the University of California and California State University and other local universities are available online at www.smc.edu/articulation and listed in the Academics section of this catalog.

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.

SMC has articulation agreements in place with several 4-year institutions. Students planning to transfer should complete the lower-division major requirements and the general education pattern for the institution to which they intend to transfer.

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) and by calling the Photography Department at (310) 434-3547.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **California Polytechnic State University, San Luis Obispo**
Art and Design B.F.A. – Photography Concentration
- **California State University, East Bay**
Art B.A. – Photography Option
Art B.F.A. – Photography Option
- **California State University, Fresno**
Art B.A. – Printmaking/Photography Emphasis
Mass Communication and Journalism B.A. – Photojournalism Option
- **California State University, Fullerton**
Art B.F.A. – Creative Photography Concentration
- **California State University, Long Beach**
Art B.F.A. – Art Photography Option
- **California State University, Sacramento**
Photography B.A.
- **San José State University**
Art B.F.A. – Photography Concentration

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University, San Francisco**
B.F.A. Fine Arts and Art Studies
- **The Art Institute of California, a College of Argosy University**
B.S. Digital Photography
- **Art Institute of Colorado**
B.A. Photography
- **Brooks Institute**
Please note that Brooks is NOT a regionally accredited institution. Students wishing to pursue graduate work may have difficulty in applying units earned.
General education requirements and major coursework are available online (go to www.smc.edu/articulation).
Students must have an overall 3.0 GPA and present a portfolio at time of application.
- **California College for the Arts**
Photography
General education requirements and major coursework are available online (go to www.smc.edu/articulation).

• New York Film Academy Los Angeles

Photography

Please note that New York Film Academy Los Angeles is NOT a regionally accredited institution. Please see a counselor for details.

General education requirements and major coursework are available online (go to www.smc.edu/articulation).

General education requirements for the University of California and California State University and other local universities are available online at www.smc.edu/articulation and listed in the Academics section of this catalog.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Suggested Photography Course Path:

First Year:

Fall:

Photography 1, Introduction to Photography (3)
Photography 52, History of Photography (3) (*same as Art History 52*)
Non-photo elective (3)

Spring:

Photography 2, Basic Photography Lab Techniques (2) (*prerequisite: Photography 1; concurrent enrollment permitted*)
Photography 5, Digital Asset Management, Modification, & Output (3) (*prerequisite: Photography 1*)
Photography 30, Techniques of Lighting: Introduction (4) (*prerequisite: Photography 5*)
Photography 60, Business Practices In Photography (3) (*prerequisite: Photography 1*)

Second Year:

Fall:

Photography 31, Introduction: Photographing People 1 (4) (*prerequisite: 30 and 39; concurrent enrollment in 39 is permitted*)

or

Photography 32, Photographing People: Advanced (4) (*prerequisite: Photography 30*)

Photography 33, Techniques of Lighting: Products (4) (*prerequisite: Photography 31 or 32 and 33*)

Photography 39, Beginning Photoshop (3) (*prerequisite: Photography 5*)

Spring:

Photography 43, Portfolio Development (3) (*prerequisite: Photography 31 or 32 and 33*)

Photography Elective (5)

Photography (40 units)

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)

Photography 1, Introduction to Photography (3)

Photography 2, Basic Photography Lab Techniques

(2) (*prerequisite: Photography 1; concurrent enrollment permitted*)

Photography 5, Digital Asset Management, Modification, & Output (3) (*prerequisite: Photography 1*)

Photography 30, Techniques of Lighting: Introduction (4) (*prerequisite: Photography 5*)

Photography 31, Introduction: Photographing People 1 (4) (*prerequisite: 30 **and** 39; concurrent enrollment in 39 is permitted*)

or

Photography 32, Photographing People: Advanced (4) (*prerequisite: Photography 30*)

Photography 33, Techniques of Lighting: Products (4) (*prerequisite: Photography 31 **or** 32 **and** 33*)

Photography 39, Beginning Photoshop (3) (*prerequisite: Photography 5*)

Photography 43, Portfolio Development (3) (*prerequisite: Photography 31 **or** 32 **and** 33*)

Photography 52, History of Photography (3) (*same as Art History 52*)

Photography 60, Business Practices In Photography (3) (*prerequisite: Photography 1*)

Photography Electives; select any one of the following courses listed below: (3 units) [Note that no more than 2 units of Independent Study (Photo 88A and 88B) and no more than 3 units of Internship (Photo 90A-90D) may be used to satisfy completion of this area.]

Photography 7, Advanced Portfolio Development (3) (*prerequisite: Photography 43*)

Photography 13, News Photography (3) (*prerequisite: Photography 1*)

Photography 14, Photography for Publication (3) (*prerequisite: Journalism 21 or Photography 13*)

Photography 21, Alternative Printing (3) (*prerequisite: Photography 2*)

Photography 29, Video Production for Still Photographers (3) (*prerequisite: Photography 30*)

Photography 31, Introduction: Photographing People 1 (4) (*prerequisite: Photography 30 for both*)

or

Photography 32, Photographing People: Advanced (4) (*prerequisite: Photography 30 for both*)

Photography 37, Advanced Black and White Printing (3) (*prerequisite: Photography 2*)

Photography 40, Digital Capture (3) (*prerequisite: Photography 30*)

Photography 42, Advanced Photoshop (3) (*prerequisite: Photography 39*)

Photography 50, Basic Color Printing (3) (*prerequisite: Photography 2*)

Photography 64, Community Documentary Photography (4) (*prerequisite: Photography 2*)

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)

Nonphotography Electives; select one course from the list below:

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)

GR DES 31, Graphic Design Studio 1 (2)

Additional 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 www.smc.edu/articulation).

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Photography (40 units)

A Certificate of Achievement in Photography is granted upon completion of 40 units listed above.

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

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Astrophysics B.A. – Includes Astronomy
Physics B.A.
Engineering Physics B.S.
- **University of California, Davis**
Physics A.B.
Natural Sciences B.S.
Physics B.S.
Physics B.S. – Applied
- **University of California, Irvine**
Math B.S.
Physics B.S.
- **University of California, Los Angeles**
Physics B.A.
Astrophysics B.S.
Biophysics B.S.
Geophysics B.S.
Geophysics B.S. – Applied Geophysics
Geophysics and Space Physics B.S.
Physics B.S.
- **University of California, Riverside**
Physics B.A.
Geophysics B.S.
Physics B.S.
Physics B.S. – Applied Physics and Engineering Track
Physics B.S. – Biophysics Option
Physics B.S. – Physics Education Option
- **University of California, San Diego**
Physics B.A.
Physics B.A. – General
Physics B.A. – General/Secondary Education
Physics B.S.
Physics B.S. – Astrophysics Specialization
Physics B.S. – Computational Physics Specialization
Physics B.S. – Earth Sciences Specialization
Physics B.S. – Materials Physics Specialization
Physics/Biophysics B.S.
- **University of California, Santa Barbara**
Creative Studies B.A. – Physics
Physics B.A.
Creative Studies B.S. – Physics
Earth Science B.S. – Geophysics Emphasis
Physics B.S.
- **University of California, Santa Cruz**
Applied Physics B.S.
Physics B.S.
Physics B.S. – Astrophysics
- **California Polytechnic State University, San Luis Obispo**
Physics B.A.
Physics B.S.
- **California State Polytechnic University, Pomona**
Physics B.S.
- **California State University, Bakersfield**
Physics B.S.
- **California State University Channel Islands**
Applied Physics B.S.
- Mathematics B.S. – Applied Physics Emphasis
Mathematics B.S. – Physics Emphasis
- **California State University, Chico**
Physics B.S.
- **California State University, Dominguez Hills**
Physics B.S.
Physics B.S. – Electrical Engineering Option
Physics B.S. – General Physics Option
Physics B.S. – Physical Science Option
- **California State University, East Bay**
Physics B.A.
Physics B.A. – Physics Education Option
Physics B.S.
- **California State University, Fresno**
Nutrition Sciences B.A. – Physics Option
Physics B.S.
- **California State University, Fullerton**
Physics B.S.
- **California State University, Long Beach**
Physics B.A.
Physics B.S.
- **California State University, Los Angeles**
Physics B.A.
Physics B.S.
Physics B.S. – Biophysics Option
- **California State University, Northridge**
Physics B.A.
Geology B.S. – Geophysics Option
Physics B.S.
Physics B.S. – Astrophysics Option
- **California State University, Sacramento**
Physics B.A.
Physics B.S.
- **California State University, San Bernardino**
Physics B.A.
Physics B.S.
- **California State University San Marcos**
Applied Physics – Physical Science Emphasis
Applied Physics – Technology Emphasis
- **California State University, Stanislaus**
Liberal Studies B.A. – Physics and Physical Science
Concentration
Physical Science B.A. – Applied Physics Concentration
Physics B.A.
Physics B.S.
- **Humboldt State University**
Physics B.A.
Physics B.S.
Physics B.S. – Applied Physics Option
Physics B.S. – Astronomy Option
- **San Diego State University**
Physics B.A.
Geological Sciences B.S. – Geophysics
Physics B.S.
Physics B.S. – Modern Optics

- **San Francisco State University**
Physics B.A.
Physics B.A. – Astronomy Concentration
Physics B.S.
Physics B.S. – Astrophysics Concentration
Physics B.S. – Physics for Teaching Concentration
- **San José State University**
Physics B.A.
Physics B.A. – Preparation for Teaching
Physics B.S.
- **Sonoma State University**
Physics B.A.
Physics B.A. – Advisory Plan C
Physics B.A. – Advisory Plan T
Physics B.S.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
B.S. Physics

General education requirements for the University of California and California State University and other local universities are available online at www.smc.edu/articulation and listed in the Academics section of this catalog.

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, private, and international institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Political Economics B.A.
Political Science B.A.
- **University of California, Davis**
Political Science A.B.

Political Science A.B. – Public Service

- **University of California, Irvine**
Political Science B.A.
- **University of California, Los Angeles**
Political Science B.A.
- **University of California, Merced**
Political Science B.A.
- **University of California, Riverside**
Political Science B.A.
Political Science/Administrative Studies B.A.
Political Science/International Affairs B.A.
Political Science/Public Service B.A.
- **University of California, San Diego**
International Studies B.A. – Political Science
Political Science B.A.
Political Science B.A. – American Politics
Political Science B.A. – International Relations
Political Science B.A. – Political Theory
Political Science B.A. – Public Law
Political Science B.A. – Public Policy
- **University of California, Santa Barbara**
Political Science B.A.
Political Science B.A. – Public Service Emphasis
- **University of California, Santa Cruz**
Latin American and Latino Studies/Politics B.A.
Politics B.A.
- **California Polytechnic State University, San Luis Obispo**
Political Science B.A.
Political Science B.A. – American Politics Concentration
Political Science B.A. – Global Politics Concentration
Political Science B.A. – International Affairs Concentration
Political Science B.A. – Pre-Law Concentration
- **California State Polytechnic University, Pomona**
Political Science B.S.
- **California State University, Bakersfield**
Political Science B.A.
Political Science B.A. – American Politics Emphasis
- **California State University Channel Islands**
Political Science B.A.
- **California State University, Chico**
Political Science B.A.
- **California State University, Dominguez Hills**
Africana Studies B.A. – Historical and Political Development Concentration
Political Science B.A.
Political Science B.A. – General Concentration
- **California State University, East Bay**
Political Science B.A. – Pre-Law Option
Political Science B.A. – Public Affairs and Administration Option
- **California State University, Fresno**
Political Science B.A.

- **California State University, Fullerton**
Political Science B.A.
- **California State University, Long Beach**
Political Science B.A.
- **California State University, Los Angeles**
Political Science B.A.
Political Science B.A. – General Political Science Option
Political Science B.A. – Global Politics Option
Political Science B.A. – Prelegal Option
Political Science B.A. – Public Administration Option
- **California State University, Monterey Bay**
Human Communication B.A.
Human Communication B.A. – Peace Studies
Concentration
Human Communication B.A. – Practical and Professional
Ethics Concentration
- **California State University, Northridge**
Political Science B.A. – Politics and Government Option
Political Science B.A. – Public Policy and Management
Option
- **California State University, San Bernardino**
Political Science B.A.
- **California State University San Marcos**
Political Science B.A.
Political Science B.A. – Global Concentration
Social and Behavioral Science B.A. – Political Economy
Concentration
- **California State University, Stanislaus**
Political Science B.A.
- **Humboldt State University**
Political Science B.A.
- **San Diego State University**
Political Science B.A.
- **San Francisco State University**
Political Science B.A.
- **San José State University**
Political Science B.A.
- **Sonoma State University**
Government B.A.
Government B.A. – International Relations Concentration
Government/Journalism B.A. – Government Journalism
Concentration
Political Science B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **American University of Paris, France**
International and Comparative Politics
- **Arizona State University**
B.A. Political Science
B.S. Political Science
- **John Cabot University, Rome, Italy**
Political Science
International Affairs (validated by University of Wales)
This university is US regionally accredited.

See www.smc.edu/articulation for general education admission requirements.

- **Mills College**
B.A. Political, Legal & Economic Analysis

Political Science – Associate in Arts for Transfer (AA-T) to CSU

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.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU's listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transferring to a UC, private, or out of state university, please consult a counselor before applying to transfer, as transfer requirements might be different than those required for the AA-T in Political Science.**

ASSOCIATE DEGREE IN POLITICAL SCIENCE FOR TRANSFER TO CSU

The AA-T in Political Science is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for details.
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. (*Please note: Students transferring to CSU must complete IGETC Area 1C.*)
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Political Science (18 units)

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)

Political Science 1, National and California Government (3)

LIST A: Select three courses from the following: (9 units)

Math 54, Elementary Statistics (4)

Political Science 2, Comparative Government and Politics (3)

Political Science 7, International Politics (3)

Political Science 51, Political Philosophy (3) (*same as Philosophy 51*)

LIST B: Select two courses from the following: (6 units)

Any course from List A not used above

Economics 1, Principles of Microeconomics (3)

Economics 2, Principles of Macroeconomics (3)

Geography 2, Introduction to Human Geography (3)

Geography 8, Introduction to Urban Studies (3) (*same as Urban Studies 8*)

Geography 11, World Geography: Introduction to Global Studies (3) (*same as Global Studies 11*)

English 2, Critical Analysis and Intermediate Composition (3)

History 1, History of Western Civilization I (3)

History 2, History of Western Civilization II (3)

History 10, Ethnicity and American Culture (3)

History 11, The United States Through Reconstruction (3)

History 12, The United States Since Reconstruction (3)

History 13, The United States Since 1945

History 14, US Environmental History (3) (*same as Environmental Studies 14*)

Philosophy 1, Knowledge and Reality (3)

Philosophy 3, Early Philosophers (3)

Philosophy 4, Modern Philosophers (3)

Philosophy 7, Logic and Critical Thinking (3)

Philosophy 20, Environmental Ethics (3) (*same as Environmental Studies 20*)

Philosophy 48, Non Violence Resistance (3) (*same as History 48*)

Political Science 3, Introduction to Politics: Justice, Power and Agency (3)

Political Science 5, International Political Economy: Introduction to Global Studies (3) (*same as Economics 5 and Global Studies 5*)

Political Science 8, The Modern Far East (3)

Political Science 10, Government Internships (3)

Political Science 11, World Affairs and the United States (3)

Political Science 14, Middle East Government and Politics (3)

Political Science 21, Race, Ethnicity, and the Politics of Difference (3)

Political Science 22, Environmental Politics and Policies (3) (*same as Environmental Studies 22*)

Political Science 23, Sex, Gender, and Power (3)

Political Science 31, Introduction to Public Policy (3)

Political Science 47, International Politics Seminar (3)

Political Science 52, Contemporary Political Thought (3) (*same as Philosophy 52*)

Sociology 1, Introduction to Sociology (3)

Sociology 1 S, Introduction to Sociology – Service Learning (3)

Sociology 2, Social Problems (3)

Sociology 2 S, Social Problems – Service Learning (3)

Sociology 30, African Americans in Contemporary Society (3)

Sociology 31, Latinas/os in Contemporary Society (3)

Sociology 32, Asian Americans in Contemporary Society (3)

Sociology 33, Sociology of Sex and Gender (3)

Sociology 34, Racial and Ethnic Relations in American Society (3)

Or any course articulated as fulfilling CSU GE Area D

In addition students may complete either the CSU GE Breadth or IGETC pattern general education requirements and a total of 60 units with a minimum grade point average of 2.0. All major/area of emphasis courses must be completed with a grade of C or higher.

Upon completion of Santa Monica College Associate in Arts in Political Science for Transfer (AA-T) degree, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California Polytechnic State University, San Luis Obispo**
B.A. Political Science – American Politics
B.A. Political Science – Global Politics
B.A. Political Science – Individualized Course of Study
B.A. Political Science – Pre-Law
- **California State Polytechnic University, Pomona**
B.A. Political Science – General
- **California State University, Bakersfield**
B.A. Political Science – American
B.A. Political Science – International Relations
B.A. Political Science – Pre-Law
- **California State University Channel Islands**
B.A. Political Science – General
- **California State University, Chico**
B.A. International Relations – General
B.A. Political Science – General
B.A. Political Science – Legal Studies
B.A. Public Administration – General
- **California State University, Dominguez Hills**
B.A. Political Science – General
- **California State University, East Bay**
B.A. Political Science
B.A. Political Science – Pre-Law
B.A. Political Science – Public Affairs and Administration
- **California State University, Fresno**
B.A. Political Science

- **California State University, Fullerton**
B.A. Political Science – General
- **California State University, Long Beach**
B.A. Political Science – General
- **California State University, Los Angeles**
B.A. Political Science – General
B.A. Political Science – Global Politics
B.A. Political Science – Prelegal Studies
B.A. Political Science – Public Administration
- **California State University, Monterey Bay**
B.A. Social and Behavioral Sciences – Political Economy
- **California State University, Northridge**
B.A. Political Science – Law and Society
B.A. Political Science – Politics and Government
B.A. Political Science – Public Policy and Management
- **California State University, Sacramento**
B.A. Government – General
- **California State University, San Bernardino**
B.A. Political Science – General
- **California State University San Marcos**
B.A. Political Science – General
B.A. Political Science – Global
- **California State University, Stanislaus**
B.A. Political Science – General
- **Humboldt State University**
B.A. Political Science – General
- **San Diego State University**
B.A. Political Science – General
- **San Francisco State University**
B.A. Political Science – General
- **San José State University**
B.A. Political Science
- **Sonoma State University**
B.A. Political Science – General

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Psychology B.A.
- **University of California, Davis**
Psychology A.B.
Psychology B.S. – Biology
Psychology B.S. – Mathematics
- **University of California, Irvine**
Psychology B.A.
Psychology and Social Behavior B.A.
- **University of California, Los Angeles**
Linguistics and Psychology B.A.
Pre-Psychology B.A.
Pre-Cognitive Science B.S.
Pre-Psychobiology B.S.
- **University of California, Merced**
Pre-Cognitive Science B.A.
Psychology B.A.
Pre-Cognitive Science B.S.
- **University of California, Riverside**
Psychology B.A.
Psychology B.S.
- **University of California, Santa Barbara**
Psychology B.A.
Biopsychology B.S.
- **University of California, Santa Cruz**
Psychology B.A.
Cognitive Science B.S.
- **University of California, San Diego**
Psychology B.A.
Psychology B.S.
- **California Polytechnic State University, San Luis Obispo**
Psychology B.S.
Psychology B.S. – Applied Social Psychology
Concentration
Psychology B.S. – Counseling and Family Psychology
Concentration
Psychology B.S. – Developmental Psychology
Concentration
- **California State Polytechnic University, Pomona**
Psychology B.A.
- **California State University, Bakersfield**
Psychology B.A.
- **California State University Channel Islands**
Psychology B.A.

- **California State University, Dominguez Hills**
Psychology B.A.
- **California State University, East Bay**
Psychology B.A.
Psychology B.S. – Ergonomics and Human Factors
Option
Psychology B.S. – Industrial/Organizational Psychology
Option
- **California State University, Fresno**
Psychology B.A.
Psychology B.A. – Pre-M.B.A. Option
Cognitive Science B.S.
- **California State University, Fullerton**
Psychology B.A.
- **California State University, Long Beach**
Psychology B.A.
- **California State University, Los Angeles**
Psychology B.A.
- **California State University, Monterey Bay**
Psychology B.A.
Social and Behavioral Sciences B.A.
- **California State University, Northridge**
Psychology B.A.
- **California State University, Sacramento**
Psychology B.A.
- **California State University, San Bernardino**
Psychology B.A.
- **California State University San Marcos**
Psychology B.A.
- **California State University, Stanislaus**
Psychology B.A.
Psychology B.A. – Developmental Psychology
Concentration
Psychology B.A. – Experimental Psychology
Concentration
- **Humboldt State University**
Psychology B.A.
Social Work B.A.
- **San Diego State University**
Psychology B.A.
- **San Francisco State University**
Psychology B.A.
- **San José State University**
Psychology B.A.
Psychology B.S.
- **Sonoma State University**
Psychology B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Alliant International University**
B.A. Psychology
- **American University of Paris, France**
Psychology

- **Arizona State University**
B.A. Psychology
B.S. Psychology
- **Kaplan University**
B.A. Psychology – Applied Behavioral Analysis
B.S. Psychology – Child Development
- **Loyola Marymount University**
B.A. Psychology
General education requirements are available online at www.smc.edu/articulation or in the Transfer/Counseling Center.
- **Mills College**
B.A. Psychology
- **National University**
B.A. Psychology
- **Saint Mary's College of California**
B.A. Psychology

General education requirements for the University of California and California State University and other local universities are available online at www.smc.edu/articulation and listed in the Academics section of this catalog.

Public Policy

The Associate degree and Certificate of Achievement 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.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Public Policy (20 units)

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)

Political Science 1, National and California Government (3)

or

Political Science 3, Introduction to Politics: Justice, Power and Agency (3)

Political Science 31, Introduction to Public Policy (3)

Political Science 95, Public Policy – Experiential Learning (2)

Critical Thinking and Communication: Students are required to take one course from each area: (6 units)

AREA A: English Language and Critical Thinking (3 units)

Business 32, Business Communications (3)

English 1, Reading and Composition 1 (3)

English 2, Critical Analysis and Intermediate Composition (3)

English 31, Advanced Composition (3)

History 47, The Practice of History (3)

Philosophy 7, Logic and Critical Thinking (3)

AREA B: Oral Communication/Media Literacy: (3 units)

Communication Studies 11, Elements of Public Speaking (3) *(formerly Speech 1)*

Communication Studies 37, Intercultural Communication (3) *(formerly Speech 7)*

Journalism 1, The News (3)

Media Studies 1, Survey of Mass Media (3) *(formerly Communication 1)*

Media Studies 2, Reading Media: Acquiring Media Literacy Skills (3) *(formerly Communication 2)*

Media Studies 10, Media, Gender, and Race (3) *(formerly Communication 10)*

Women's Studies 30, Women and Popular Culture (3)

SPECIALIZATION AREA: Students are required to take two courses WITHIN one of the following five (5) tracks: (6 units)

ARTS AND CULTURAL AFFAIRS TRACK

Art History 3, Western Art History III (3) *(formerly Art 8)*

Art History 11, Art Appreciation: Introduction to Global Visual Culture (3) *(formerly Art 79)*

Art History 72, American Art History (3) *(formerly Art 72)*

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)

Theatre Arts 2, Introduction to the Theatre (3)

Theatre Arts 5, History of World Theatre (3)

EDUCATION TRACK

Education 1, Career Choices in Education (3)

Education 2, The Early Childhood Through 12th Grade Teaching Experience (3)

Early Childhood Education 45, Introduction to Children with Special Needs (3)

Early Childhood Education 11, Child, Family and Community (3)

Early Childhood Education 19, Teaching in a Diverse Society (3)

Early Childhood Education 64, Health, Safety and Nutrition for Young Children (3)

Psychology 11, Child Growth and Development (3)

ENVIRONMENTAL TRACK

Biology 9, Environmental Biology (3)

Environmental Studies 7, Introduction to Environmental Studies (3) *(same as Geography 7)*

Environmental Studies 14, US Environmental History (3) *(same as History 14)*

Environmental Studies 20, Environmental Ethics (3) *(same as Philosophy 20)*

Environmental Studies 22, Environmental Politics and Policies (3) *(same as Political Science 22)*

Environmental Studies 40, Environmental Psychology (3) *(same as Psychology 40)*

PUBLIC HEALTH TRACK

Early Childhood Education 64, Health, Safety and Nutrition for Young Children (3)

Health 10, Fundamentals of Healthful Living (3)

Nursing 60, Multicultural Health and Healing Practices (3) *(same as Health 60)*

Nutrition 1, Introduction to Nutrition (3)

Nutrition 7, Food and Culture in America (3)

URBAN/SOCIOECONOMIC TRACK

Economics 1, Principles of Microeconomics (3)

Economics 2, Principles of Macroeconomics (3)

Economics 6, Contemporary Economic Problems (3)

History 10, Ethnicity and American Culture (3)

Political Science 21, Race, Ethnicity, and the Politics of Difference (3)

Psychology 13, Social Psychology (3)

Sociology 1, Introduction to Sociology (3)

or

Sociology 1 S, Introduction to Sociology – Service Learning (3)

Sociology 2, Social Problems (3)

or

Sociology 2 S, Social Problems – Service Learning (3)

Sociology 34, Racial and Ethnic Relations in American Society (3)

Sociology 30, African Americans in Contemporary Society (3)

Sociology 31, Latinas/os in Contemporary Society (3)

Sociology 32, Asian Americans in Contemporary Society (3)

Urban Studies 8, Introduction to Urban Studies (3) *(same as Geography 8)*

Additional 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 www.smc.edu/articulation).

CERTIFICATE OF ACHIEVEMENT

The Public Policy Certificate of Achievement correlates with some of the lower division courses required to transfer into Public Policy, Public Administration, or Political Science programs at several four-year institutions, as well as a broad education for transfer in related disciplines.

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Public Policy (20 units)

A Certificate of Achievement is granted in Public Policy upon completion of the 20 required units listed under Public Policy Associate degree.

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

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.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Recycling and Resource Management (18 units)

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)

Counseling 16, Job Success Skills (1) **and** Counseling 90B, General Internship (2)

or

Counseling 90C, General Internship (3) (*with permission of Earth Science department chair*)

Geography 7, Introduction to Environmental Geography (3) (*same as Environmental Studies 7*)

Philosophy 20, Environmental Ethics (3) (*same as Environmental Studies 20*)

Political Science 22, Environmental Politics (3) (*same as Environmental Studies 22*)

Psychology 40, Environmental Psychology (3) (*same as Environmental Studies 40*)

CERTIFICATE OF ACHIEVEMENT

The program requirements for Certificates of Achievement in Recycling and Resource Management are designed to provide students with the skills and knowledge necessary to obtain desirable employment or advancement in the field of recycling and resource management. The program is also designed to provide students with a comprehensive perspective on the role that recycling and waste diversion play in solving global economic and environmental issues.

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

COURSE TITLE	SANTA MONICA COLLEGE	IRVINE VALLEY COLLEGE	GOLDEN WEST COLLEGE
Introduction to Recycling and Resource Management	RRM 1	ENV 180	ENVS-G 141
Culture and Zero Waste	RRM 2	ENV 185	ENVS-G 142
Resource Management and Zero Waste for Communities	RRM 3	ENV 190	ENVS-G 144
Resource Management and Zero Waste for Communities	RRM 4	ENV 195	ENVS-G 143

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Recycling and Resource Management (18 units)

A Certificate of Achievement in Recycling and Resource Management is granted upon completion of the 18 required units listed under the Recycling and Resource Management Associate degree.

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

DEPARTMENT CERTIFICATE

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete the Department Certificate.

Recycling and Zero Waste (12 units)

A Department Certificate in Recycling and Zero Waste will be granted upon successful completion of the courses listed below.

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 Respiratory Therapy 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).

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.**

ASSOCIATE DEGREE – 77-79 UNITS

The Associate degree involves satisfactory completion of a minimum of 77-79 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College and East Los Angeles College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

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 (33-35 units): Anatomy 1, Physiology 3, Chemistry 10, Communication Studies 11 (*formerly Speech 1*) **or** 35 (*formerly Speech 5*) **or** 37 (*formerly Speech 37*), and Math 18 **or** 20.

First Year (14 units)

FIRST SEMESTER (7 UNITS)

[ELAC] RES TH 60, Respiratory Physiology (4)

or

RESP TH 6, Respiratory Physiology (4)

[ELAC] RESP TH 21, Physics of Respiratory Care (3)

or

PHYSICS 12, Introductory Physics (3)

SECOND SEMESTER (7 UNITS)

RESP TH 30, Adult Critical Care Monitoring (3)

or

[ELAC] RESP TH 30, Adult Critical Care Monitor and Diagnostics (3)

RESP TH 70, Pathophysiology (4)

or

[ELAC] RESP TH 7, Applied Medicine and Pathology (3) **and** [ELAC] RESP TH 23, Advanced Respiratory Pathophysiology (1)

[ELAC] RESP TH 2, Fundamentals of Respiratory Therapy (4)

Second Year (30 units)

All second year courses (except RESP TH 29) are East Los Angeles College courses and are offered only on the ELAC campus. RESP TH 29 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.*

It is recommended that students who select RT 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 www.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.

ACCREDITING AGENCY

Commission on Accreditation for Respiratory Care
1248 Harwood Road
Bedford, Texas 76021-422
(817) 283-2835
www.coarc.com

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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Sociology B.A.
- **University of California, Davis**
Sociology A.B.
Sociology A.B. – Comparative Studies and World Development
Sociology A.B. – Law and Society
Sociology A.B. – Organizational Studies
Sociology A.B. – Social Services
- **University of California, Irvine**
Sociology B.A.
- **University of California, Los Angeles**
Pre-Sociology B.A.
- **University of California, Merced**
Sociology B.A.
- **University of California, Riverside**
Sociology B.A.
Sociology B.S.
Sociology/Administrative Studies B.A.
Sociology/Administrative Studies B.S.
- **University of California, San Diego**
International Studies B.A. – Sociology
Sociology B.A.
Sociology/American Studies B.A.
Sociology/Cultural and Communication B.A.
Sociology/Economy and Society B.A.
Sociology/International Studies B.A.
Sociology/Law and Society B.A.
Sociology/Science and Medicine B.A.
Sociology/Social Inequalities B.A.
- **University of California, Santa Barbara**
Sociology B.A.
- **University of California, Santa Cruz**
Latin American and Latino Studies/Sociology B.A.
Sociology B.A.
- **California Polytechnic State University, San Luis Obispo**
Sociology B.A.
Sociology B.A. – Criminal Justice Concentration
Sociology B.A. – Organizations Concentration
Sociology B.A. – Social Services Concentration
- **California State Polytechnic University, Pomona**
Sociology B.A. – Criminology Option
Sociology B.A. – General Sociology Option
Sociology B.A. – Social Work Option
- **California State University, Bakersfield**
Sociology B.A.

- **California State University Channel Islands**
Sociology B.A. – Inequities Emphasis
Sociology B.A. – Institutions Emphasis
Sociology B.A. – Social Processes Emphasis
- **California State University, Chico**
Sociology B.A.
- **California State University, Dominguez Hills**
Africana Studies B.A. – Socio-Psychological Behaviors Concentration
Sociology B.A.
- **California State University, East Bay**
Sociology B.A. – Social Services Option
Sociology B.A. – Sociology Option
- **California State University, Fresno**
Sociology B.A.
- **California State University, Fullerton**
Sociology B.A.
Sociology B.A. – Aging and the Life Course Concentration
Sociology B.A. – Deviance and Social Control Concentration
Sociology B.A. – Education Concentration
Sociology B.A. – Family Concentration
Sociology B.A. – Race, Class, and Gender Concentration
Sociology B.A. – Social Work Concentration
- **California State University, Long Beach**
Sociology B.A.
- **California State University, Los Angeles**
Sociology B.A.
Sociology B.A. – General Option
Sociology B.A. – Inequalities and Diversity Option
Sociology B.A. – Law and Society Option
- **California State University, Monterey Bay**
Social and Behavioral Sciences B.A.
Social and Behavioral Sciences B.S. – Sociology Concentration
- **California State University, Northridge**
Sociology B.A. – Criminology and Criminal Justice Option
Sociology B.A. – General Sociology
Sociology B.A. – Social Welfare Option
Sociology B.A. – Work and Society Option
- **California State University, Sacramento**
Sociology B.A.
- **California State University, San Bernardino**
Sociology B.A.
Sociology B.A. – Social Service Track
- **California State University San Marcos**
Sociology B.A.
Sociology B.A. – Aging and Life Course Concentration
Sociology B.A. – Children Youth and Families Concentration
Sociology B.A. – Critical Race Studies Concentration
Sociology B.A. – Health and Mental Health Concentration
- **California State University, Stanislaus**
Sociology B.A. – Drug and Alcohol Studies Concentration
Sociology B.A. – General Sociology Concentration

Sociology B.A. – Human Services Concentration
Sociology B.A. – Social Deviance and Criminology Concentration
Sociology B.A. – Social Inequality Concentration
Sociology B.A. – The Body, Culture, and Society Concentration

- **Humboldt State University**
Criminal and Justice Studies B.A.
Sociology B.A.
 - **San Diego State University**
Sociology B.A.
 - **San Francisco State University**
Sociology B.A.
 - **San José State University**
Sociology B.A.
Sociology B.A. – Community Change Concentration
 - **Sonoma State University**
Sociology B.A.
- Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:
- **Arizona State University**
B.A. Sociology
B.S. Sociology
 - **Loyola Marymount University**
B.A. Sociology
 - **Mills College**
B.A. Anthropology and Sociology

Solar 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 for Photovoltaic System Installers and Solar Thermal System Installers. The Photovoltaic Installation Associate degree and Certificate in Solar Energy Technologies will provide students with both the hands-on skills and the broader contextual knowledge necessary to gain successful employment in the burgeoning solar industry. Students who complete the Associate degree or Certificate of Achievement will be qualified to secure jobs in a variety of different capacities, including installation repairs, entry-level solar installer, mid-upper level solar design positions, sales, and potentially even start their own solar installation company. With additional education or experience, students could pursue employment with one of the many public institutions working on alternative energy policy.

The Associate degree and Certificate of Achievement in Solar Photovoltaic Installation prepares the student to take the NABCEP (North American Board of Certified Energy Practitioners) Entry Level Exam.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher

including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Solar Photovoltaic Installation (19 units)

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 courses:

Energy 1, Introduction to Energy Efficiency (3)
INTARC 35, 2D Digital Drafting (3)

or

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

Photovoltaic 1, Introduction to Solar Energy Systems (3)

Photovoltaic 2, Intermediate Photovoltaic Systems
Installation (3)

Photovoltaic 3, Advanced Solar Photovoltaic Installation
(4)

Required Support Courses; select one of the following courses: (3 units)

BUS 63, Principles of Entrepreneurship (3)

Environmental Studies 7, Introduction to Environmental
Studies (3) (*same as Geography 7*)

Environmental Studies 20, Environmental Ethics (3)
(*same as Philosophy 20*)

Environmental Studies 22, Environmental Politics and
Policies (3) (*same as Political Science 22*)

Environmental Studies 40, Environmental Psychology (3)
(*same as Psychology 40*)

Recommended Course:

BUS 63, Principles of Entrepreneurship (3)

CERTIFICATE OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

Solar Photovoltaic Installation (19 units)

A Certificate of Achievement in Solar Photovoltaic Installation is granted upon completion of 19 required units listed on the Solar Photovoltaic Installation Associate degree.

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

DEPARTMENT CERTIFICATE

At least 50% of the required units for a Department Certificate must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Department Certificate.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to define basic terminology, including solar radiation, solar irradiance, solar insolation, solar constant, solstice, equinox, solar altitude angle, solar azimuth angle, and solar incidence angle. Students will be prepared to explain how a solar cell converts sunlight into electrical power; distinguish between PV cells, modules, panels, and arrays; and identify the five key electrical output parameters for PV modules using manufacturer's literature (VOC, ISC, VMP, LMP, and PMP) and label points on a current-voltage (I-V) curve. Students will learn how to identify and apply regulatory codes when conducting energy assessments and/or site visits; as well as recognize and identify local and state energy efficiency requirements and incentives for new and existing buildings. Students will gain the ability to conduct an Energy Utilization Analysis; and to recognize mechanics and engineering of energy systems, including HVAC, lighting, and renewable energy systems.

Required Core Courses: (12 units)

Photovoltaic 1, Introduction to Solar Energy Systems (3)

Photovoltaic 2, Intermediate Photovoltaic Systems
Installation (3)

Energy 1, Introduction to Energy Efficiency (3)

Energy 2, Energy Efficiency 2: Residential Building Science
(3)

Spanish – Associate in Arts for Transfer (AA-T) to CSU

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.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU's listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transferring to a UC, private, or out of state university, please consult a counselor before applying to transfer, as transfer requirements might be different than those required for the AA-T in Spanish.**

ASSOCIATE DEGREE IN SPANISH FOR TRANSFER TO CSU

The Associate in Arts for Transfer (AA-T) is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required for transfer to the California State University system:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for details.
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. *(Please note: Students transferring to CSU must complete IGETC Area 1C.)*
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Spanish (19 units)

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: (16 units)

- Spanish 1, Elementary Spanish I (5)
- Spanish 2, Elementary Spanish II (5)

or

- Spanish 11, Spanish for Native Speakers I (5)
- Spanish 3, Intermediate Spanish I (5)

or

- Spanish 12, Spanish for Native Speakers 2 (5)
- Spanish 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 11 units)

- Anthropology 2, Cultural Anthropology (3)
- Communication Studies 35, Interpersonal Communication (3) *(formerly Speech 5)*
- Communication Studies 37, Intercultural Communication (3) *(formerly Speech 7)*

- English 2, Critical Analysis and Intermediate Composition (3)
- English 31, Advanced Composition (3)
- English 53, Latino Literature in the United States (3)
- English 57, Latin-American Literature (3)
- English 58, Literature of Mexico (3)
- Geography 2, Introduction to Human Geography (3)
- History 5, History of Latin America 1 (3)
- History 6, History of Latin America 2 (3)
- History 19, History of Mexico (3)
- History 42, The Latina(o) Experience in the United States (3)
- History 43, Mexican-American History (3)
- History 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)
- Italian 1, Elementary Italian I (5)
- Italian 2, Elementary Italian II (5)
- Italian 3, Intermediate Italian I (5)
- Italian 4, Intermediate Italian II (5)
- Media 46, Television Production (3)
- Sociology 1, Introduction to Sociology (3)
- Sociology 1 S, Introduction to Sociology – Service Learning (3)
- Sociology 31, Latinas/os in Contemporary Society (3)
- Sociology 33, Sociology of Sex and Gender (3)
- Sociology 34, Racial and Ethnic Relations in American Society (3)
- Spanish 8, Conversational Spanish (2)
- Spanish 9, The Civilization of Spain (3)
- Spanish 20, Latin American Civilization (3)

Restricted Electives: Select one of the following courses not used above: (3 units minimum)

- Communication Studies 35, Interpersonal Communication (3) *(formerly Speech 5)*
- English 2, Critical Analysis and Intermediate Composition (3)
- English 31, Advanced Composition (3)
- English 53, Latino Literature in the United States (3)
- English 57, Latin-American Literature (3)
- English 58, Literature of Mexico (3)
- History 5, History of Latin America 1 (3)
- History 6, History of Latin America 2 (3)
- History 19, History of Mexico (3)
- History 42, The Latina(o) Experience in the United States (3)
- History 43, Mexican-American History (3)
- History 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)
- Italian 1, Elementary Italian I (5)
- Italian 2, Elementary Italian II (5)
- Italian 3, Intermediate Italian I (5)
- Italian 4, Intermediate Italian II (5)
- Media 46, Television Production (3)
- Spanish 8, Conversational Spanish (2)
- Spanish 9, The Civilization of Spain (3)

Spanish 20, Latin American Civilization (3)

In addition students may complete either the CSU GE Breadth or IGETC pattern general education requirements and a total of 60 units with a minimum grade point average of 2.0. All major/area of emphasis courses must be completed with a grade of C or higher.

Upon completion of Santa Monica College AA-T in Spanish, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to "Available Degree Pathways," then click on the link available at "AA-T AS-T CCC Approved Degrees Report."

Speech

See *Communication Studies*

Studio Arts – Associate in Arts for Transfer (AA-T) to CSU

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.

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.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU's listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transferring to a UC, private, or out of state university, please consult a counselor before applying to transfer, as transfer requirements might be different than those required for the AA-T in Studio Arts.**

ASSOCIATE DEGREE IN STUDIO ARTS FOR TRANSFER TO CSU

The Associate in Arts for Transfer (AA-T) is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required for transfer to the California State University system:

1. Completion of a minimum of 60 CSU-transferable semester units.

2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 (C) in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for details.
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. (*Please note: Students transferring to CSU must complete IGETC Area 1C.*)
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or higher.

Studio Arts (24 units)

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)

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

LIST A: Select at least one course from the following: (3 units)

- Art History 1, Western Art History I (3) (*formerly Art 1*)
- Art History 3, Western Art History III (3) (*formerly Art 8*)
- Art History 17, Arts of Asia – Prehistory to 1900 (3) (*formerly Art 5*)

LIST B: Select three 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)

In addition students may complete either the CSU GE Breadth or IGETC pattern general education requirements and a total of 60 units with a minimum grade point average of 2.0. All major/area of emphasis courses must be completed with a grade of C or higher.

Upon completion of Santa Monica College AA-T in Studio Arts, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California State University, Bakersfield**
B.A. Art – Studio Art
- **California State University Channel Islands**
B.A. Art – Studio Art
- **California State University, Chico**
B.A. Art – Art Studio
- **California State University, Dominguez Hills**
B.A. Art – Art History
B.A. Art – Design
- **California State University, East Bay**
B.A. Art – Art Studio
B.A. Art – Graphic Design (Electronic Art)
B.A. Art – Multimedia
B.A. Art – Photography
B.A. Art – Pictorial Arts (Drawing/Painting/Printmaking)
B.A. Art – Spatial Arts (Ceramics/Sculpture)
- **California State University, Fresno**
B.A. Art
B.F.A. Graphic Design
- **California State University, Fullerton**
B.A. Art – Studio
- **California State University, Long Beach**
B.A. Art – Studio Art
- **California State University, Los Angeles**
B.A. Art – Studio Arts
- **California State University, Monterey Bay**
B.A. Visual and Public Art – General
- **California State University, Northridge**
B.A. Art – General
- **California State University, Sacramento**
B.A. Art – Art Studio
- **California State University, San Bernardino**
B.A. Art – Studio Art
- **California State University San Marcos**
B.A. Visual and Performing Arts – Arts and Technology
B.A. Visual and Performing Arts – Visual Arts
- **California State University, Stanislaus**
B.A. Art – Studio
- **Humboldt State University**
B.A. Art – Art Studio

- **San Diego State University**
B.A. Art – Studio Arts
- **San Francisco State University**
B.A. Art – Art Education
B.A. Art – Art History and Studio Art
B.A. Art – Studio Art
- **San José State University**
B.A. Art – Studio Practice
- **Sonoma State University**
B.A. Art – General

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

Technical Theatre

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.

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

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Technical Theatre (19 units)

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 one of the following courses: (3 units)

- Theatre Arts 2, Introduction to the Theatre (3)
- Theatre Arts 5, History of World Theatre (3)

Required Stagecraft Course:

- Theatre Arts 20, Stagecraft (3)

Required Production Workshop courses; select any combination of the courses listed: (3 units)

- Theatre Arts 18A, Technical Theatre Production Workshop (1)
- Theatre Arts 18B, Technical Theatre Production Workshop (2)
- Theatre Arts 18C, Technical Theatre Production Workshop (3)

Elective Courses; select a minimum of 10 units from the following:

- Theatre Arts 21, Scenic Painting Techniques (3)
- Theatre Arts 22, Stage Lighting (3)
- Theatre Arts 25, Introduction to Theatrical Sound (3)
- Theatre Arts 26, Introduction to Stage Costuming (3)
- Theatre Arts 28A, Beginning Stage Make-up (1)
- Theatre Arts 31, Introduction to Stage Management (3)

CERTIFICATES OF ACHIEVEMENT

At least 50% of the required units for a Certificate of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement.

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

Technical Theatre (19 units)

A Certificate of Achievement in *Technical Theatre* is granted upon completion of 19 required units listed on the *Technical Theatre* Associate degree.

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

Theatre

The Theatre major 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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the gen-

eral education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Theatre and Performance Studies B.A.
- **University of California, Davis**
Dramatic Art A.B. – Theatre Emphasis
- **University of California, Irvine**
Drama B.A.
- **University of California, Los Angeles – School of Theater, Film & Television**
Theatre B.A. – Acting
Theatre B.A. – Design/Production
Theatre B.A. – Directing
Theatre B.A. – General Theater
Theatre B.A. – Musical Theater
Theatre B.A. – Playwriting
Theatre B.A. – Teaching Artists Program
- **University of California, Riverside**
Theatre B.A.
- **University of California, San Diego**
Theatre B.A.
Theatre and Dance B.A.
- **University of California, Santa Barbara**
Theatre B.A.
Theatre B.A. – Acting Emphasis
- **University of California, Santa Cruz**
Theater Arts B.A.
Theater Arts B.A. – Design and Technology Concentration
Theater Arts B.A. – Drama Concentration
- **California Polytechnic State University, San Luis Obispo**
Theater Arts B.A.
- **California State Polytechnic University, Pomona**
Theatre B.A.
Theatre B.A. – Acting Subplan
Theatre B.A. – Dance Subplan
Theatre B.A. – Education and Community Subplan
Theatre B.A. – Technical Theatre and Dance Subplan
- **California State University, Bakersfield**
Theatre B.A.
- **California State University Channel Islands**
Performing Arts B.A. – Theatre Emphasis
- **California State University, Chico**
Theatre B.A.
- **California State University, Dominguez Hills**
Theatre Arts B.A. – Dance Option
Theatre Arts B.A. – Theatre Arts Option
- **California State University, East Bay**
Theatre Arts B.A.
Theatre Arts B.A. – Acting Option
Theatre Arts B.A. – Dance Option

Theatre Arts B.A. – Directing Option
 Theatre Arts B.A. – Musical Theatre Option
 Theatre Arts B.A. – Technology and Design Option
 Theatre Arts B.A. – Theatre and Dance for Children and
 Community Option
 Theatre Arts B.A. – Theatre History and Literature Option

- **California State University, Fresno**
 Theatre Arts B.A. – Dance Option
 Theatre Arts B.A. – Acting Track
 Theatre Arts B.A. – Design/Technology Track
 Theatre Arts B.A. – General Track
- **California State University, Fullerton**
 Theatre Arts B.A.
 Theatre Arts B.A. – Applied Studies in Theatre
 Concentration
 Theatre Arts B.A. – Specialized Studies in Theatre
 Concentration
 Theatre Arts B.A. – Teaching Concentration
 Theatre Arts B.F.A.
 Theatre Arts B.F.A. – Acting Concentration
 Theatre Arts B.F.A. – Musical Theatre Concentration
- **California State University, Long Beach**
 Theatre Arts B.A.
 Theatre Arts B.A. – Performance-Acting
 Theatre Arts B.A. – Technical Theatre-Scenery/Costume/
 Lighting Design Option
- **California State University, Los Angeles**
 Communication B.A. – Performance Studies Option
 Theatre Arts and Dance B.A.
 Theatre Arts and Dance B.A. – Dance Option
- **California State University, Northridge**
 Theatre B.A.
- **California State University, Sacramento**
 Theatre B.A.
- **California State University, San Bernardino**
 Theatre Arts B.A.
 Theater Arts B.A. – Acting Emphasis
 Theater Arts B.A. – Dance Emphasis
 Theater Arts B.A. – Design/Technical Emphasis
 Theatre Arts B.A. – Dance Education Emphasis
- **California State University San Marcos**
 Visual and Performing Arts B.A.
 Visual and Performing Arts B.A. – Theatre Option
- **California State University, Stanislaus**
 Theatre Arts B.A.
- **Humboldt State University**
 Theatre Arts B.A.
- **San Diego State University**
 Theatre Arts B.A.
 Theatre Arts B.A. – Design and Technology
 Theatre Arts B.A. – Design and TV/Film
 Theatre Arts B.A. – Performance
 Theatre Arts B.A. – Youth Theatre
- **San José State University**
 Theatre Arts B.A.
 Theatre Arts B.A. – Preparation for Testing

- **San Francisco State University**
 Drama B.A.
- **Sonoma State University**
 Theatre Arts B.A. – Acting Concentration
 Theatre Arts B.A. – Dance Concentration
 Theatre Arts B.A. – Technical Theatre Concentration
 Theatre Arts B.A. – Theatre Studies Concentration

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
 B.A. Theatre Arts

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Theatre (20 units)

Program Learning Outcomes: Students who complete the Theatre program will hone their skills in performance, design, and technical skills; evaluate and appreciate a theatrical performance by recognizing the inherent components that go into creating theatre, including research, collaboration, and rehearsal; and successfully compete for work in the professional theatre. Students who complete this degree will also be well prepared for further study in theatre at the baccalaureate level.

Required Courses: (12 units)

- Theatre Arts 5, History of World Theatre (3)
- Theatre Arts 10A, Voice Development for the Stage (3)
- Theatre Arts 20, Stagecraft (3)
- Theatre Arts 41, Acting 1 (3)

Required Production Workshop Courses: (3 units minimum)

- Theatre Arts 18A, 18B, 18C, Technical Theatre Production Workshop (3) (Any combination of Theatre Arts 18A, 18B, and/or 18C to total a minimum of 3 units.)

LIST A: Select at least one course from the following:

- Theatre Arts 21, Scenic Painting Techniques (3)
- Theatre Arts 22, Stage Lighting (3)
- Theatre Arts 25, Introduction to Theatrical Sound (3)
- Theatre Arts 26, Introduction to Stage Costuming (3)
- Theatre Arts 28A, Beginning Stage Make-up (1)
- Theatre Arts 31, Introduction to Stage Management (3)

LIST B: Select at least one course from the following:

- Theatre Arts 10B, Advanced Voice Development for the Stage (3)
- Theatre Arts 15A, Stage Movement for the Performer (1)
- Theatre Arts 15B, Advanced Stage Movement for the Actor (1)
- Theatre Arts 34, Advanced Costume Design (2)
- Theatre Arts 38A, Beginning Stage Direction (3)

- Theatre Arts 42, Acting II (3)
 Theatre Arts 43, Acting, Historical Styles – Early (3)
 Theatre Arts 44, Acting, Historical Styles – Late (3)
 Theatre Arts 45, Musical Theatre Workshop (3) (*same as Music 45*)
 Theatre Arts 50, Advanced Production: Full Length Play (3)
 Theatre Arts 52, Advanced Production: Musical Theatre (5)
 Theatre Arts 53, Production for the Younger Audience (3) (*same as Music 46*)
 Theatre Arts 54, Advanced Production: Summer Theatre (6)
 Theatre Arts 55, Advanced Production: Small Theatre Venue (1)

Additional 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 www.smc.edu/articulation).

Theatre Arts – Associate in Arts for Transfer (AA-T) to CSU

Upon successful completion of the Santa Monica College AA-T in Theatre Arts, 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 Theatre Arts requirements at many institutions at the California State University system. This degree is intended for students who are interested in the theory of Theatre Arts and are planning on transferring to a four year university and majoring in Theatre Arts. This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440).

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. **If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AA-T in Theatre Arts.**

ASSOCIATE DEGREE IN THEATRE ARTS FOR TRANSFER TO CSU

The AA-T in Theatre Arts is granted upon successful completion of a program of study with a minimum of 60 semester units with an overall average grade of C or higher. The following is required for transfer to the CSU system:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. A minimum of 12 units of degree-applicable coursework must be completed at Santa Monica College.
3. Maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. Note that while a minimum GPA of 2.0 (C) is required for admission, some majors/campuses may require a higher GPA. Please consult with a counselor for more information.

(Please note: Nonresident and international students are required to have a minimum GPA of 2.4 for admission.)

4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
5. Completion of major coursework detailed below. All courses in the major must be completed with a grade of C or better.

Theatre Arts (18 units)

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)

Theatre Arts 2, Introduction to the Theatre (3)

or

Theatre Arts 5, History of World Theatre (3)

Theatre Arts 41, Acting I (3)

Rehearsal and Performance or Technical Theatre Practicum: (3 units)

Theatre Arts 18A, 18B, 18C, Technical Theatre Production Workshop (3) (*Any combination of Theatre Arts 18A, 18B, and/or 18C to total a minimum of 3 units.*)

Theatre Arts 45, Music Theatre Workshop (3) (*same as Music 45*)

Theatre Arts 50, Advanced Production – Full Play (3)

Theatre Arts 53 Production for the Younger Audience (3) (*same as Music 45*)

Theatre Arts 55, Advanced Production – Small Theatre Venue (3)

Select at least three courses from the following: (9 units)

Theatre Arts 18A, 18B, 18C, Technical Theatre Production Workshop (3) (*Any combination of Theatre Arts 18A, 18B, and/or 18C to total a minimum of 3 units.*)

Theatre Arts 20, Stagecraft (3)

Theatre Arts 21, Scenic Painting Techniques (3)

Theatre Arts 22, Stage Lighting (3)

Theatre Arts 26, Introduction to Stage Costuming (3)

Theatre Arts 31, Introduction to Stage Management (3)

Theatre Arts 42, Acting II (3)

Theatre Arts 45, Musical Theatre Workshop (3) (*same as Music 45*)

Theatre Arts 50, Advanced Production – Full Play (3)

Theatre Arts 53, Production for the Younger Audience (3) (*same as Music 46*)

Theatre Arts 55, Advanced Production – Small Theatre Venue (3)

Upon completion of Santa Monica College Associate in Arts in Theatre Arts for Transfer (AA-T) degree, the student will be eligible for priority admission consideration to the majors at the following CSU campuses:

- **California Polytechnic State University, San Luis Obispo**
B.A. Theatre Arts – General
- **California State Polytechnic University, Pomona**
B.A. Theatre – Acting
B.A. Theatre – Dance
B.A. Theatre – Educational and Community
B.A. Theatre – General
B.A. Theatre – Technical Theatre and Design
- **California State University, Bakersfield**
B.A. Theatre – General
- **California State University Channel Islands**
B.A. Performing Arts – Theatre
- **California State University, Chico**
B.A. Theatre Arts – General
- **California State University, Dominguez Hills**
B.A. Theatre Arts
- **California State University, East Bay**
B.A. Theatre Arts
- **California State University, Fresno**
B.A. Theatre Arts – Acting
B.A. Theatre Arts – Dance
B.A. Theatre Arts – Design/Technology
B.A. Theatre Arts – General
- **California State University, Fullerton**
B.A. Dance – General
B.A. Theatre Arts – General
- **California State University, Long Beach**
B.A. Theatre Arts – General
B.A. Theatre Arts – Performing: Acting
B.A. Theatre Arts – Technical Theatre: Scenery/Costume/
Lighting Design
- **California State University, Los Angeles**
B.A. Theatre Arts and Dance – Theatre Arts
- **California State University, Northridge**
B.A. Theatre – General
- **California State University, Sacramento**
B.A. Theatre – General
- **California State University, San Bernardino**
B.A. Theatre Arts – Acting Emphasis
B.A. Theatre Arts – Dance Emphasis
B.A. Theatre Arts – Dance and Technical Production
Emphasis
B.A. Theatre Arts – Drama Education Emphasis
B.A. Theatre Arts – Music Theatre Emphasis
- **California State University San Marcos**
B.A. Visual and Performing Arts – Theatre Arts
- **California State University, Stanislaus**
B.A. Theatre Arts – General
- **Humboldt State University**
B.A. Theatre Arts – General
- **San Diego State University**
B.A. Theatre Arts – Youth Acting
- **San Francisco State University**
B.A. Drama – General

- **San José State University**

B.A. Theatre Arts

- **Sonoma State University**

B.A. Theatre Arts – Acting

B.A. Theatre Arts – Technical Theatre

The schools and degrees listed above are subject to change without notice. For the most current list, go to www.sb1440.org/Counseling.aspx and scroll down to “Available Degree Pathways,” then click on the link available at “AA-T AS-T CCC Approved Degrees Report.”

Transfer

CSU GE CERTIFICATE OF ACHIEVEMENT

To receive 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 D- (0.7 on a 4.0 scale) is required for each course applied to the CSU GE Certificate of Achievement. 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

To receive an 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.

Transfer Studies

The Transfer Studies Associate degree is available to students who enrolled at SMC in Spring 2008 or earlier and who have maintained continuous enrollment. (See page 59 for definition of continuous enrollment.) For Transfer Studies Associate degree requirements, please see the 2007-08 SMC catalog.

Women's Studies

The Women's Studies area of emphasis 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.

TRANSFER

Students planning to transfer to a four-year college should complete the lower-division major requirements and the general education pattern for the appropriate transfer institution. Santa Monica College has articulation agreements for this major with the following UC, CSU, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.assist.org. Articulation agreements with private institutions can be found online at www.smc.edu/articulation.

- **University of California, Berkeley**
Gender and Women's Studies
- **University of California, Davis**
Women's Studies A.B.
- **University of California, Irvine**
Women's Studies B.A.
- **University of California, Los Angeles**
Gender Studies B.A.
- **University of California, Riverside**
Women's Studies B.A.
- **University of California, San Diego**
Critical Gender Studies B.A.
- **University of California, Santa Barbara**
Feminist Studies B.A.
- **University of California, Santa Cruz**
Feminist Studies B.A.
Feminist Studies B.A. – Culture, Power, and Representation Concentration
Feminist Studies B.A. – Law, Politics, and Social Change Concentration
Feminist Studies B.A. – Science, Technology, and Medicine Concentration
Feminist Studies B.A. – Sexuality Studies Concentration
- **California State Polytechnic University, Pomona**
GEMS B.A.
GEMS B.A. – Pre-Credential Option
- **California State University, Chico**
Multicultural and Gender Studies B.A. – Women's Studies Option
- **California State University, Fresno**
Women's Studies B.A.
- **California State University, Fullerton**
Women's Studies B.A.
- **California State University, Long Beach**
Women's Gender and Sexuality Studies B.A.
- **California State University, Monterey Bay**
Human Communication B.A.
Human Communication B.A. – Women's Studies Concentration
- **California State University, Northridge**
Gender and Women's Studies B.A.

- **California State University, Sacramento**
Women's Studies B.S.
- **California State University San Marcos**
Women's Studies B.A.
- **Humboldt State University**
Interdisciplinary Studies B.A. – Critical Race, Gender and Sexuality Studies Option
- **San Diego State University**
Women's Studies B.A.
- **San Francisco State University**
Women and Gender Studies B.A.
- **Sonoma State University**
Women's and Gender Studies B.A.

Santa Monica College has articulation agreements for this major (see www.smc.edu/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
B.A. Women's Studies

ASSOCIATE DEGREE – 60 UNITS

The Associate degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher including the required units in the area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGETC.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

Women's Studies (24 units)

Program Learning Outcomes: After completing the program in Women's Studies, 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.

CATEGORY 1: Required Core Courses (3 units)

Women's Studies 10, Introduction to Women's Studies (3)

CATEGORY 2: Related Disciplines (18 units)

Minimum of one course from each of the following areas (plus two additional courses from any area):

Area 1: (minimum 3 units)

Women's Studies 20, Women, Feminism, and Social Movements: A Global Approach (3)
Women's Studies 30, Women and Popular Culture (3)

Area 2: (minimum 3 units)

Anthropology 14, Sex, Gender and Culture (3)
Communication Studies 36, Gender and Communication (3)
History 52, Women in American Culture (3)
Sociology 33, Sociology of Sex and Gender (3)

Area 3: (minimum 3 units)

Anthropology 2, Cultural Anthropology (3)
 Psychology 25, Human Sexuality (3)
 Sociology 1, Introduction to Sociology (3)
 Sociology 12, Sociology of the Family (3)

Area 4: (minimum 3 units)

Communication Studies 37, Intercultural
 Communication (3) (*formerly Speech 7*)
 English 39, Images of Women in Literature (3)
 Film Studies 6, Women in Film (3) (*formerly Cinema 8*)
 Media Studies 10, Media, Gender and Race (3) (*formerly
 Communication 10*)
 Music 35, Women in Music (3)

CATEGORY 3: Community Leadership Practicum
 (3 units)

Women's Studies 80, Women's Studies Leadership
 Practicum (3) (*formerly Women's Studies 8*)

Additional graduation requirements for the Associated in
 Arts degree from Santa Monica College are listed on a separate
 sheet available in the Transfer/Counseling Center or online at
www.smc.edu/articulation.