

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*) (*offered through the Academy of Entertainment and Technology*)
- Art
- Athletic Coaching (*see Kinesiology Physical Education*)
- Broadcasting
 - Broadcast Programming and Production
 - Broadcast Sales and Management
- Business
 - 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*)
- Computer Information Systems
 - Computer Business Applications
 - Website Software Specialist
- Computer Science
 - Computer Programming
 - Computer Science
 - Database Applications Developer
 - Web Programmer
- Cosmetology
- Dance
- Digital Media (*see Entertainment Technology*) (*offered through the Academy of Entertainment and Technology*)
- Early Childhood Education - Career (*formerly Child Development*)
 - Early Childhood Intervention Assistant
 - Early Childhood Intervention Teacher
- Environmental Science
- Environmental Studies
- Ethnic Studies
- Fashion Design and Merchandising
 - Fashion Design
 - Fashion Merchandising
- Film Studies (*formerly Cinema*)
- General Science
- Global Studies
- Graphic Design
- Interior Architectural Design
- Journalism
- Kinesiology Physical Education (*formerly Physical Education/Kinesiology/Physiological Sciences*)
 - Athletic Coaching
 - Kinesiology Physical Education
- Liberal Arts (*available only to students who enrolled at SMC Spring 2010 or earlier and who have maintained continuous enrollment*)
- Liberal Arts - Arts & Humanities
- Liberal Arts - Social & Behavioral Science
- Media Studies (*see Broadcasting*)
- Music
 - Applied Music
- Nursing - RN (71 units)
- Office Information Systems (*see Office Technology*)

Office Technology (*formerly Office Information Systems*)

- 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 units)

Solar Photovoltaic Installation (Solar Energy Installation)

Speech (*see Communication Studies*)

Theatre Arts

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*) (*offered through the Academy of Entertainment and Technology*)Athletic Coaching (*see Kinesiology Physical Education*)

Broadcasting

- Broadcast Programming and Production
- Broadcast Sales and Management

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*) (*offered through the Academy of Entertainment and Technology*)Early Childhood Education (*formerly Child Development*)

- Early Childhood Education - Career
- Early Childhood Intervention Assistant
- Early Childhood Intervention Teacher

Environmental Science

Environmental Studies

Ethnic Studies

Fashion Design and Merchandising

- Fashion Design
- Fashion Merchandising

Global Studies

Graphic Design

Interior Architectural Design

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

- Athletic Coaching

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.

Academy of Entertainment & Technology

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

Accounting

- Computer Accounting

Automotive Technician - Introductory

Business

- Entrepreneurship
 - Insurance Specialist
 - International
 - Logistics
 - Management
 - Marketing
 - Merchandising
 - Salon Business
- Computer Information Systems
- 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
- Early Childhood Education
- Early Childhood Education Core
- Graphic Design
- Web Design
- Interior Architectural Design
- Digital Production & Design
 - Set Design & Art Direction for Film & TV
- 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

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
 Geography
 Geology
 German
 Health Education
 Hebrew
 Humanities
 Italian

Japanese
 Korean
 Library Studies
 Linguistics
 Medical Laboratory Technician
 Microbiology
 Nutrition
 Occupational Therapy
 Persian
 Philosophy
 Physics
 Physiology
 Political Science
 Psychology
 Religious Studies
 Russian
 Sociology
 Spanish
 Turkish
 Urban Studies
 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. 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.)
3. 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.*)
4. Completion of a minimum of 18 semester units in an AA-T or AS-T major as detailed in the "Majors and Areas of

Emphasis" section of the catalog. All courses in the major must be completed with a grade of C or higher, or with a P if the course was taken on a Pass/No Pass basis, **and** the P is equal to a C or higher (Title 5 §55063). Students at Santa Monica College may earn an Associate degree for Transfer in the following:

- Art History (AA-T)
- Business Administration (AS-T)
- Early Childhood Education (AS-T)
- History (AA-T)
- Mathematics (AS-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 in Accounting involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 28 semester units in the Accounting 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 31A, Excel for Accounting (3) **or** CIS 30,
Microsoft EXCEL (3) (formerly CIS 31)
- Accounting 35, QuickBooks (3)
- or**
CIS 35, QuickBooks (3)

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)
- 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.

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)

or

CIS 35, QuickBooks (3)
 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)

or

CIS 35, QuickBooks (3)

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)

or

Accounting 45, Individual Financial Planning (3)

Professional Accountant (41 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: Students completing this certificate will use intermediate and advanced financial accounting principles to record transactions and analyze financial statements based on published Standards and Interpretations and the Conceptual Framework promulgated by the Financial Accounting Standards Board. Students will also demonstrate the ability to use specialized and advanced disciplines such as cost accounting, auditing, and taxation, and perform research using a wide array of resources related to Generally Accepted Accounting Principles (GAAP).

Required Core Courses: (36 units)

Accounting 1, Introduction to Financial Accounting (5)
 Accounting 2, Corporate Financial and Managerial
 Accounting (5)
 Accounting 6, Accounting Consolidations (3)
 Accounting 7, Advanced Accounting: Special Topics (3)
 Accounting 10A, Intermediate Accounting A (3)
 Accounting 10B, Intermediate Accounting B (3)
 Accounting 10C, Intermediate Accounting C (4)
 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)
 Business 5, Business Law (3)

Additional Recommended Courses:

Accounting 26, Advanced Business Law (3)

or

Business 6, Advanced Business Law (3)
 Accounting 31A, EXCEL for Accounting (3)
 Accounting 31B, Advanced EXCEL for Accounting (3)
 Accounting 35, QuickBooks (3)

or

CIS 35, QuickBooks (3)
 Accounting 45, Individual Financial Planning (3)

or

Business 45, Individual Financial Planning (3)
 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)

or

CIS 35, QuickBooks (3)
 CIS 4, Introduction to Computers, Business Applications
 (3)

Additional Recommended Courses:

Accounting 31B, Advanced Excel for Accounting (3)

Animation

See Entertainment Technology (offered through the Academy of Entertainment and 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**
B.A. Anthropology
- **University of California, Davis**
A.B. Anthropology
Evolutionary Track
Sociocultural Track
B.S. Anthropology
- **University of California, Irvine**
- **University of California, Los Angeles**
B.A. Anthropology
B.S. Anthropology
- **University of California, San Diego**
B.A. Anthropology
B.A. Anthropology, Concentration in Archaeology
B.A. Anthropology, Concentration in Biological Anthropology
- **University of California, Santa Barbara**
B.A. Anthropology Cultural emphasis
B.A. Anthropology Physical emphasis
- **University of California, Santa Cruz**
B.A. Anthropology
- **California State University, Dominguez Hills**
B.A. Anthropology
- **California State University, Fullerton**
B.A. Anthropology
- **California State University, Los Angeles**
B.A. Anthropology
- **California State University, Northridge**
B.A. Anthropology
- **California State University, San Bernardino**
B.A. Anthropology

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, Irvine**
B.A. Art
- **University of California, Los Angeles**
B.A. Art (School of the Arts and Architecture)
B.A. Design/Media Arts (School of the Arts and Architecture)
- **UCLA School of the Arts and Architecture, Department of Design**
B.A. Art
- **University of California, Riverside**
Art B.A.
- **University of California, Santa Barbara**
B.A. Art
- **California State Polytechnic University, Pomona**
B.F.A. Fine Arts
- **California State University, Long Beach**
B.A. Art
Studio Art option
NOTE: B.F.A. option requires a portfolio review
Graphic Design option (portfolio review required)

Other options: Drawing and 3-D Media; Art Education;
Art History; Art Photography; Ceramics; Illustration;
Printmaking; Sculpture

- **California State University, Los Angeles**

B.A. Art
Animation option
Art Education option
Art History option
Fashion and Textiles option (specialization in Fashion
Design or Fashion Merchandising)
Graphic Design/Visual Communication
Studio Arts option

- **California State University, Northridge**

B.A. Art

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

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Art involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 24 semester units in the Art 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 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 Core Courses: (9 units) (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 & 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 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, Irvine**
 B.A. Art History
- **University of California, Los Angeles**
 B.A. Art History

- **University of California, Riverside**
B.A. Art History
- **University of California, Santa Barbara**
B.A. Art History/B.A. Art History Non-Western emphasis
Architecture and Environment emphasis
- **California State Polytechnic University, Pomona**
B.A. Art History
- **California State University, Los Angeles**
Art History option
- **California State University, San Bernardino**
B.A. Plan III (Art History)

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. 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.)
3. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
4. 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)

Required Core Courses: (12 units)

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

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

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 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 Art in Art History for Transfer (AA-T) degree, the student will be eligible for priority admission consideration to the following CSU majors:

- **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, Fullerton**
B.A. Art – Art History
- **Fresno State University**
B.A. Art
- **Humboldt State University**
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 & Public Art – General
- **California State University, Northridge**
B.A. Art – General
- **California State Polytechnic University, Pomona**
B.A. Art – Art History
- **Sacramento State University**
B.A. Art – Art History
- **California State University, San Bernardino**
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 Jose State University**
B.A. Art – Art History and Visual Culture
Concentration
- **California State University San Marcos**
B.A. Visual And Performing Arts – Visual Arts
- **Sonoma State University**
B.A. Art History – General
- **California State University, Stanislaus**
B.A. Art – Art History

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."

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

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 a Certificate of Achievement.

Automotive Technician – Introductory (9 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)

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

Recommended Course:

- AUTO 50, Emerging and Alternative Automotive Technology (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**
B.A. Integrative Biology
B.A. Molecular & Cell Biology
B.A. Microbial Biology
B.S. Molecular Environmental Biology
- **University of California, Davis**
A.B. Biological Sciences
B.S. Biological Sciences
A.B. Microbiology
B.S. Microbiology
- **University of California, Irvine**
Biological Sciences
- **University of California, Los Angeles**
B.S. Biology
- **University of California, Riverside**
Biology and Biological Sciences majors
- **University of California, San Diego**
B.S. General Biology
- **University of California, Santa Barbara**
B.A./B.S. Biology
B.S. BioChemistry
B.S. BioChemistry – Molecular Biology
B.S. Aquatic Biology
B.S. Ecology and Evolution
B.S. Microbiology
B.S. Pharmacology
B.S. Physiology
B.S. Zoology

- **University of California, Santa Cruz**
Biology, B.A. or B.S.
- **California State University, Long Beach**
B.S. Biology
- **California State University, Los Angeles**
B.S. Biology
- **California State University, Northridge**
B.A. Biology
B.S. Biology
Cellular & Molecular option
Marine Biology option
Microbiology option
Environmental option
- **California Polytechnic State University, San Luis Obispo**
B.S. Biological Sciences
Molecular and Cellular 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 requirements 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.

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, Los Angeles**
B.A. Radio and Television Broadcasting
Broadcast Journalism option
Animation option
- **California State University, Northridge**
B.A. Cinema and Television Arts
Radio Production option

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 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 in Broadcasting involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 20 semester units in the Broadcasting Programming and Production 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)

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) (*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)

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)
- or**
- CIS 27, Introduction to E-Commerce (3)
- 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.

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.

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**
B.A. Business Administration, Haas School of Business
- **University of California, Irvine**
B.A. Business Administration (*effective Fall 2010*)
B.A. Business Information Management
- **University of California, Riverside**
B.A. Business Administration
- **California State University, Channel Islands**
B.A. Business Administration
- **California State University, Dominguez Hills**
B.A. Business Administration
Information Systems concentration
International Business option
Global Logistics and Supply Chain Management
Concentration/International Logistics and Systems track
Other concentrations offered: Accounting;
Entrepreneurship; Finance; Information Systems
Security; Management; Human Resources; Marketing;
Sports, Entertainment and Hospitality.
- **California State University, East Bay**
B.S. Business Administration
Online degree completion program. Please note that this program is provided through Continuing Education. See www.ce.csueastbay.edu/degree/bsba/index.html for details.
- **California State University, Fullerton**
B.A. Business Administration and Economics
- **California State University, Long Beach**
B.A. Business Administration
Options in: Accountancy, Finance, Human Resources Management, International Business, Information Systems, Marketing, Operations & Supply Chain Management
- **California State University, Los Angeles**
B.A. Business Administration
B.S. Computer Information Systems
- **California State University, Northridge**
B.S. Business Administration/B.S. Finance/B.S. Management
B.S. Information Systems
B.S. Marketing
Information Technology option
Business Systems option
Options available in Business Administration: Business Law, Financial Services, Human Resource Management, Real Estate, Supply Chain Management; Systems and Operations Management.
- **California State Polytechnic University, Pomona**
B.A. Business Administration: Accounting
B.S. Business Administration: Computer Information Systems
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
- B.S. Business Administration: E-Business

- **California State University, San Bernardino**
B.A. Business Administration
B.A. Information Management
B.A. Management Science
B.S. Computer Information Systems
B.S. Information Management
B.S. International Business
B.S. Management Science
- **California Polytechnic State University, San Luis Obispo**
B.S. Business Administration
Information Systems concentration
- **San Diego State University**
B.A. Business Administration
- **San Francisco State University**
B.A. Business Administration
Other concentrations offered: Accounting; Corporate Finance; Decision Sciences; Electronic Commerce Systems; Entrepreneurial/Small Business Management; Financial Services; Information Systems; International Business; Management; and Marketing.

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 in 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
- **Middlesex University, London, ENGLAND**
B.S. 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
B.S. Computer Science
- **Pepperdine University – The Graziadio School of Business and Management**
B.S. in Management
- **Regis University – Online Bachelor's Degree Program**
B.S. Computer Networking
B.S. Computer Science
- **Saint Mary's College of California**
B.S. Accounting
B.S. Business Administration
- **University of Massachusetts Lowell**
B.S. Business Administration
- **University of Phoenix**
B.S./B.A. Business Administration
- **University of Southern California (USC) – School of Business**
B.S. Business Administration

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Business involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 25 semester units in the Business Administration – Professional, 31 semester units in the Insurance Professional, 24 semester units in the Logistics/Supply Chain Management, 27 semester units in the Management/Leadership, or 24 semester units in the Merchandising 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 73.

Program Learning Outcomes: 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) **or**
Accounting 45, Individual Financial Planning (3)
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)

or

Accounting 45, Individual Financial Planning (3)

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) *[The 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)

or

Accounting 45, Individual Financial Planning (3)

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) *[The 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)

or

Accounting 45, Individual Financial Planning (3)

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)
or
 Accounting 45, Individual Financial Planning (3)
 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.

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)
or
 CIS 27, Introduction to E-Commerce (3)
 Business 45, Individual Financial Planning (3)
or
 Accounting 45, Individual Financial Planning (3)
 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) [The 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.

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.

Marketing (24 units)

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 28, Marketing Promotion (3)
 Business 52, International Marketing (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 22, Introduction to Advertising (3)
 Business 23, Principles of Selling (3)
 Business 25, Advertising Display (3)

Business 27, Introduction to E-Commerce (3)

or

CIS 27, Introduction to E-Commerce (3)

Business 34, Introduction to Social Media Marketing (3)

Business 45, Individual Financial Planning (3)

or

Accounting 45, Individual Financial Planning (3)

Business 62, Human Relations 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.*]

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)

or

CIS 35, QuickBooks (3)

Business 1, Introduction to Business (3)

Business 27, Introduction to E-Commerce (3)

or

Business 50, Introduction to International Business (3)

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

Required Core Courses: (19 units)

Accounting 1, Introduction to Financial Accounting (5)
and
 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 two of the following courses: (6-8 units):

An additional mathematics course from below
 Business 1, Introduction to Business (3) **or** Business 32, Business Communication (3)
 CIS 1, Computer Concepts with Applications (3) **or** CIS 4, Introduction to Computers, Business Applications (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)

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 – Finance, Real Estate, and Law
 B.S. Business Administration – Management
- **California State University, Bakersfield**
 B.S. Business Administration (all options)
- **California State University, Channel Islands**
 B.S. Business Administration – Accounting
 B.S. Business – Accounting
 B.S. Business – Entrepreneurship
 B.S. Business – Finance
 B.S. Business – Global Business
 B.S. Business – Management
 B.S. Business – Marketing
- **California State University, Chico**
 B.S. Business Administration – Accounting
 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
- **California State University, East Bay**
B.S. Business Administration – Corporate Management
- **California State University, Fullerton**
B.S. Economics – General
- **California State University, Long Beach**
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
- **California State University, Los Angeles**
B.S. Business Administration – International Business
B.S. Business Administration – Management
- **California State University, Northridge**
B.S. Business Administration – Business Law
B.S. Business Administration – Global Supply Chain Management
B.S. Business Administration – Insurance/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, San Bernardino**
B.A. Administration – Entrepreneurial Management
B.A. Administration – Finance
B.A. Administration – Human Resource Management
B.A. Administration – Information Management
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
B.A. Administration – Supply Chain and Transportation Management
- **California State University, Stanislaus**
B.S. Business Administration – Management
B.S. Business Administration – Marketing
B.S. Business Administration – Operations Management
- **Fresno State University**
B.S. Business – Accountancy
B.S. Business – Computer Information Systems
B.S. Business – Finance
B.S. Business – Management
B.S. Business – Marketing

- **Humboldt State University**
B.S. Business – Accountancy
B.S. Business – Finance
B.S. Business – International Business
B.S. Business – Management
B.S. Business – Marketing
- **Sacramento State University**
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 – Organizational Behavior
- **San Jose State University**
B.S. Business Administration – General Business
- **Sonoma State University**
B.S. Business Administration – Finance
B.S. Business Administration – Financial Management
B.S. Business Administration – Marketing
B.S. Business Administration – Special concentrations
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-TAS-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**
B.A./B.S. Chemistry
B.S. Chemistry
- **University of California, Davis**
A.B. Chemistry
B.S. Chemistry

- **University of California, Irvine**
B.S. Chemistry
- **University of California, Los Angeles**
B.S. Chemistry
- **University of California, Riverside**
B.A. Chemistry
B.S. Chemistry
B.S. Biochemistry
- **University of California, San Diego**
B.S. Chemistry
- **University of California, Santa Barbara**
B.S. Biochemistry
B.A. Chemistry
B.S. Chemistry
- **California State University, Northridge**
B.A. Chemistry
B.S. Biochemistry
B.S. Chemistry

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. Chemistry
B.S. Biochemistry

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**
A.B. Media Studies
- **University of California, Davis**
A.B. Communication
- **University of California, Los Angeles**
B.A. Communication Studies
- **California State University, Fullerton**
B.A. Communications
- **California State University, Long Beach**
B.A. Communication Studies
B.A. Speech
- **California State University, Los Angeles**
B.A. Communication
- **California State University, Northridge**
B.A. Communication Studies
- **San Diego State University**
Communication
Emphasis in Advertising or Emphasis in 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:

- **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

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Communication Studies (*formerly Speech*) involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 20 semester units in the Communication Studies 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.

Communication Studies (20 units)

Required Courses: (15 units)

- Communication Studies 11, Elements of Public Speaking (3) (*formerly Speech 1*)
- Communication Studies 13, Voice and Diction (3) (*formerly Speech 3*)
- Communication Studies 35, Interpersonal Communication (3) (*formerly Speech 5*)
- Communication Studies 21, Argumentation (3) (*formerly Speech 11*)
- Media Studies 1, Survey of Mass Media Communication (3) (*formerly Communication 1*)

Additional courses to total 20 units must be selected from the following:

- Communication Studies 12, Persuasion (3) (*formerly Speech 2*)
- Communication Studies 14, Oral Interpretation: Performing Literature Across Cultures (3) (*formerly Speech 4*)
- Communication Studies 16, Fundamentals of Small Group Discussion (3) (*formerly Speech 6*)
- Communication Studies 22, Introduction to Competitive Speech and Debate (3) (*formerly Speech 22*)
- Communication Studies 37, Intercultural Communication (3) (*formerly Speech 7*)
- Communication Studies 88A,B, Independent Studies in Communication Studies (1,2) (*formerly Speech 88A/B*)
- Media Studies 2, Reading Media: Acquiring Media Literacy Skills (3) (*formerly Communication 2*)
- Media Studies 13, Broadcast Announcing and Production (3) (*formerly Broadcasting 3A*)
- Media Studies 14, Broadcast Newswriting/Newscasting (3) (*formerly Broadcasting 4A*)
- Media Studies 15, Advanced Broadcast Newswriting/Newscasting (3) (*formerly Broadcasting 4B*)
- Media Studies 16, Sportscasting Fall Sports (3) (*formerly Broadcasting 5A*)
- Media Studies 17, Sportscasting Spring Sports (3) (*formerly Broadcasting 5B*)

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).

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 in Computer Information Systems (CIS) involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 27 semester units in the Computer Business Applications 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.

PLEASE NOTE: These Certificates of Achievement may be expanded into Associate degrees by completing a total of 60 units that include the general education requirements and recommended courses from the certificate areas.

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.

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.

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.

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.

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) **and** OFTECH 5C, Proofreading (1)

Select one unit 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)

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**
B.A. Computer Science
- **University of California, Davis**
B.S. Computer Science
- **University of California, Irvine**
B.S. Information and Computer Science
- **University of California, Los Angeles**
B.S. Computer Science
- **University of California, Riverside**
B.S. Computer Science
- **University of California, San Diego**
B.A. Computer Science
B.S. Computer Science
B.S. Computer Engineering (*see Engineering*)
B.S. Computer Game Design
- **University of California, Santa Barbara**
B.A. Computer Science
B.S. Computer Science (offered through School of Engineering)
- **University of California, Santa Cruz**
B.A. Computer Science
B.S. Computer Game Design
B.S. Computer Science
B.S. Information Systems Management (Baskin School of Engineering)
- **California Polytechnic State University, San Luis Obispo**
B.S. Computer Science
- **California State University, Channel Islands**
B.S. Information Technology
- **California State University, Dominguez Hills**
B.S. Computer Science

- **California State University, Northridge**
B.S. Computer Science

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 in Computer Science involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 34 semester units in the Computer Science, or 27-29 units in the Computer Programming, or 33 units in the Database Applications Developer, or 30 units in the Web Programmer 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 this course of study in Computer Programming, 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. They 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 this course of study in Database Applications Developer, 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 87, 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 this course of study in Web Programmer, 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 87, 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 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.

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.

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.

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.

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.

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:

- CS 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) – 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.

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 world around us is an exciting place of color, shape and beauty. In the Cosmetology Department at Santa Monica College, we bring this beauty to reality. We welcome you to join our program where you can obtain the education to succeed in the cosmetology, skin care, and nail care industries. These well-established programs will prepare you for a professional career, a career change or advancement in your existing career.

We offer a variety of courses to help you obtain that goal you have been dreaming about. The cosmetology program is an exciting one and may lead you to 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, on cruise ships, and in many other wonderful professions.

Our program prepares you to take the state board examination for a cosmetology license after completing 1600 hours, a skin care license after completing 600 hours, or a nail care license after completing 400 hours. Santa Monica College also offers an Associate degree in cosmetology.

High school students in the 11th and 12th grades may begin this program concurrently with the high school program when approved by the high school principal.

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

The Associate degree in Cosmetology involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 37.5 semester units in the Cosmetology 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 of the following courses in the area of emphasis (major) must be completed with a grade of C or higher, to total 1600 hours and a minimum of 37.5 units:

Cosmetology (37.5 units)

Required Courses:

Cosmetology 10, 20, 30, 40, 50A, 50B (*required if 50B was completed Fall 2010 or later*), 50C (*only required if 50B was completed Fall 2010 or later*), Related Science courses

Cosmetology 11A, 21A, 31A, 41A, 42, Haircutting courses

Cosmetology 11B, 21B, 31B, 41B, Hairstyling courses

Cosmetology 11C, 21C, 31C, 41C, Hair Coloring courses

Cosmetology 11D, 21D, Permanent Wave courses

Cosmetology (14), 14A, 14B, 24, Curly Hair Techniques courses

Cosmetology 16, 26, 36, 46, Nail Care courses

Cosmetology 18, 28A, 28B, 38, 48, 48B, Skin Care courses

Cosmetology 64, Salon Management

In order to fulfill required hours, operations, and/or units, select one or more of the following salon courses:

Cosmetology 29, 39, 49, 59, 69, Salon courses

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 (37.5 units)

A Certificate of Achievement in Cosmetology is awarded to students who have completed 37-37.5 required units listed under Cosmetology 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 (16 units)

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

Required Courses:

Cosmetology 10, Introduction to Cosmetology and Related Science

Cosmetology 18, Skin Care 1

Cosmetology 20, 30, Related Science courses

Cosmetology 28A, 28B, 38, Skin Care courses

Cosmetology 48, 48B, Skin Care courses

Cosmetology 64, Salon Management

In order to fulfill required hours, operations, and/or units, select one or more of the following salon courses:

Cosmetology 29, 39, 49, 59, 69, Salon courses

Nail Care (14 units)

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

Required Courses:

Cosmetology 10, Introduction to Cosmetology and Related Science

Cosmetology 16, 26, 36, 46, Nail Care courses

Cosmetology 20, Related Science 2

Cosmetology 64, Salon Management

In order to fulfill required hours, operations, and/or units, select one or more of the following salon courses:

Cosmetology 29, 39, 49, 59, 69, Salon courses

Salon Business (11 units)

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

Dancers use their bodies in dance movements to create an art form that can interpret an idea or a story, or it may be purely physical expressions of rhythm and sound. Dancers often combine performing with teaching or turn to teaching after their career as professional dancers are over. Choreographers create and design original dance steps and moves for dancers. They may work in a variety of types of dance such as motion picture, television, stage performances, musical shows, and in the ballet. Dancers may also combine their interests in social service to become dance or movement therapists.

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**
B.A. Dance
B.F.A. Choreography Specialization
B.F.A. Choreography and Performance Specification
- **University of California, Riverside**
B.A. Dance
- **University of California, Santa Barbara**
B.A. Dance
B.F.A. Dance

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 in Dance involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 29 semester units in the Dance 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: Students develop an appreciation of the aesthetics inherent in dance and learn to respect dance in all 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 the 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, Ethnic Dance (2)
- Dance 21, Asian Pacific Dance Survey (2)
- Dance 22, Beginning 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)

Digital Media

See *Entertainment Technology* (offered through the *Academy of Entertainment and 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.

Program Learning Outcomes: Students completing a degree or certificate in Early Childhood Education will know the essential concepts, inquiry tools, and structure of the content areas in children's learning, and will identify appropriate resources. Students prepared in the education training programs will design developmentally effective approaches and design experiences that promote learning for children while integrating their understanding of relationships with children and families.

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**
B.S. Child Development
- **California State University, Dominguez Hills**
B.S. Child Development
- **California State University, Long Beach**
B.A. Family and Consumer Sciences with option in Child Development and Family Studies
- **California State University, Los Angeles**
B.A. Child Development General option
- **California State University, Northridge**
B.A. Child Development

- **San Francisco State University**

B.A. Child and Adolescent Development

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 in Early Childhood Education involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 30 semester units in the Early Childhood Education – Career, or 27 semester units in the Early Childhood Intervention Assistant, or 41 semester units in the Early Childhood Intervention Teacher 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 88.

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, 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*)

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, Supervision and Administration 2 (3)

Early Childhood Education 44, Introduction to Family Day Care (1)

Early Childhood Education 45, Children with Special Needs (3)

Early Childhood Education 46, Infant Through Toddler Studies (3)

Early Childhood Education 47, Developing Family Childcare (3)

Early Childhood Education 48, Adult Supervision and Mentoring, ECE/CD (2)

Early Childhood Education 49, Early Intervention Strategies (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 Childhood Intervention Assistant (27 units)

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 21, Observation and Assessment (4)
 Early Childhood Education 23, Fieldwork in Early Intervention (5)
 Early Childhood Education 45, Children with Special Needs (3)
 Early Childhood Education 46, Infant Through Toddler Studies (3)
 Early Childhood Education 49, Early Intervention Strategies (3)
 Early Childhood Education 64, Health, Safety and Nutrition for Young Children (3)
- or**
- First Aid/CPR Training (*certification should be obtained through the American Heart Association or American Red Cross; proof of certification must be provided with certificate applications*)
 Psychology 11, Child Growth and Development (3)

Early Childhood Intervention Teacher (41 units)

Required Courses: (21 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 45, Children with Special Needs (3)
 Early Childhood Education 46, Infant Through Toddler Studies (3)
 Early Childhood Education 49, Early Intervention Strategies (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 61, Teacher/Child Interactions (3)

Required Practicum Courses: (14 units)

- Early Childhood Education 21, Observation and Assessment (4)
 Early Childhood Education 22, Practicum in Early Childhood Education (5)
 Early Childhood Education 23, Fieldwork in Early Intervention (5)

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)

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, 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)

Early Childhood Intervention Assistant (27 units)

A Certificate of Achievement is granted upon completion of 27 required units listed under Early Childhood Intervention Assistant Associate degree.

Early Childhood Intervention Teacher (41 units)

A Certificate of Achievement is granted upon completion of 41 required units listed under Early Childhood Intervention Teacher 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.

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

EARLY CHILDHOOD EDUCATION/CHILD DEVELOPMENT PERMIT MATRIX

Please call the California Commission on Teacher Credentialing at (888) 921-2682 or go to www.ctc.ca.gov/credentials/leaflets.html for more information.

Assistant (optional)

Education Requirement: 6 units of Early Childhood Education (ECE) **or** Child Development (CD)
Experience Requirement: None
Alternative Qualifications: Accredited HERO Program (including ROP); **or** CTC approved training.
Authorization: Assist in the instruction of children under supervision of Associate Teacher **or** above.
Five Year Renewal: 105 hrs. of professional growth

Associate Teacher

Education Requirement: 12 units of ECE/CD including core courses**
Experience Requirement: 50 days of 3+ hours per day within 2 years
Alternative Qualifications: Child Development Associate (CDA) Credential; **or** CTC approved training
Authorization: May provide instruction and supervise Assistant.
Five Year Renewal: Must meet teacher requirements within 10 years.

Teacher

Education Requirement: 24 units ECE/CD including core courses** + 16 GE units*
Experience Requirement: 175 days of 3+ hours per day within 4 years
Alternative Qualifications: AA **or** higher in ECE **or** related field w/ 3 semester units of supervised field exp. in ECE setting; **or** CTC-approved training

Authorization: May provide instruction and supervise all above (Include. Aide)

Five Year Renewal: 105 hrs. of professional growth

Master Teacher

Education Requirement: 24 units ECE/CD including core courses** +16 GE units* +6 specialization units; +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: B.A. **or** higher w/ 12 units of ECE, +3 semester units of supervised field exp. in ECE setting; **or** CTC approved training

Authorization: May provide instruction and supervise all above (Include. Aide). May also serve as coordinator of curriculum and staff development

Five Year Renewal: 105 hrs. of professional growth

Site Supervisor

Education Requirement: Associate degree (**or** 60 units) with 24 ECE/CD units (including core**); +6 units administration; +2 units adult supervision

Experience Requirement: 350 days of 3+ hours per day within 4 years, including at least 100 days of supervising adults

Alternative Qualifications: B.A. **or** higher with 12 units of ECE, +3 semester units of supervised field exp. in ECE setting, Teaching **or** Admin. Credential*** with 12 units of ECE, +3 units supervised field exp. in ECE setting, **or** CTC approved training

Authorization: May supervise single site program, provide instruction; and serve as coordinator of curriculum and staff development

Five Year Renewal: 105 hours of professional growth

Program Director

Education Requirement: B.A. with 24 ECE/CD units (Including core**) +6 units admin.; +2 units adult supervision

Experience Requirement: Site supervisor status **and** one program year of site supervisor experience

Alternative Qualifications: Teacher **or** Admin. Credential*** with 12 units of ECE +3 units supervised field exp. in ECE setting; **or** CTC approved training

Authorization: May supervise multiple site program; provide instruction; and serve as coordinator of curriculum and staff development

Five Year Renewal: 105 hours of professional growth

*One course in each of the following general education categories required: English, math and/or science, social science, humanities and/or fine arts.

**Core courses=Child Growth and Development, Child/Family/Community, and Programs/Curriculum.

***Holder of the Administrative Services Credential may serve as a site supervisor or Program Director.

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

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 State Polytechnic 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, 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
- **Sacramento State University**
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
- **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 Jose 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**
B.A. Economics

- **University of California, Davis**
B.A. Economics
- **University of California, Irvine**
B.A. Business Economics
B.A. Economics
- **University of California, Los Angeles**
B.A. Economics
B.A. Economics/Business
- **University of California, San Diego**
B.A. Economics
- **University of California, Santa Barbara**
B.A. Economics
B.A. Business Economics and Accounting
- **California Polytechnic State University, San Luis Obispo**
B.S. Economics
- **California State University, Los Angeles**
B.A. Economics
- **California State University, Northridge**
B.A. 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.

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**
 - B.S. Bioengineering/Materials Science and Engineering
 - B.S. Chemical Engineering & Nuclear Engineering
 - B.S. Chemical Engineering and Materials Science and Engineering
 - B.S. Computational Engineering Science
 - B.S. Electrical Engineering & Computer Science/Materials Science & Engineering
 - B.S. Electrical Engineering & Computer Science/Nuclear Engineering
 - B.S. Industrial Engineering and Operations Research
 - B.S. Manufacturing Engineering and Operations Research
 - B.S. Materials Science and Engineering
 - B.S. Materials Science and Engineering/Mechanical Engineering
 - B.S. Materials Science and Engineering/Nuclear Engineering
 - B.S. Mechanical Engineering/Nuclear Engineering
- **University California, Davis**
 - B.S. Aeronautical Science and Engineering
 - B.S. Biological Engineering
 - B.S. Biological Systems Engineering
 - B.S. Chemical Engineering
 - B.S. Chemical Engineering/Materials Science and Engineering
 - B.S. Civil Engineering
 - B.S. Computer Engineering
 - B.S. Computer Science and Engineering
 - B.S. Electrical Engineering
 - B.S. Electrical/Materials Engineering
- **University of California, Irvine**
 - B.S. Aerospace Engineering
 - B.S. Chemical Engineering
 - B.S. Computer Engineering
 - B.S. Electrical Engineering

B.S. Engineering (General)

- **University of California, Los Angeles**
 - B.S. Aerospace Engineering
 - B.S. Chemical Engineering
 - B.S. Civil Engineering
 - B.S. Computer Science & Engineering
 - B.S. Electrical Engineering
 - B.S. Mechanical Engineering
 - **University of California, Riverside**
 - B.S. Chemical Engineering
 - Bioengineering option
 - Chemical Engineering option
 - B.S. Electrical Engineering
 - B.S. Environmental Engineering
 - B.S. Mechanical Engineering
 - **University of California, San Diego**
 - B.S. Computer Engineering
 - B.S. Electrical Engineering
 - **California Polytechnic State University, San Luis Obispo**
 - B.S. Computer Engineering
 - B.S. Electrical Engineering
 - B.S. General Engineering
 - **California State University, Los Angeles**
 - B.S. Civil Engineering
 - B.S. Electrical Engineering
 - B.S. Mechanical Engineering
 - **California State University, Northridge**
 - B.S. Civil Engineering
 - B.S. Engineering
 - B.S. Manufacturing Systems Engineering
 - B.S. Mechanical Engineering
 - B.S. Electrical Engineering
 - B.S. Computer Engineering
- 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., 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**
B.S. English
- **University of California, Davis**
B.A. English
- **University of California, Irvine**
B.A. English
- **University of California, Los Angeles**
B.A. English
- **University of California, San Diego**
B.A. Literature in English
- **University of California, Santa Barbara**
B.A. English
- **University of California, Santa Cruz**
B.A. Literature

- **California State University, Fullerton**
B.A. English and Comparative Literature
- **California State University, Long Beach**
B.A. English
Creative Writing option
English Education option
World Literature option
- **California State University, Los Angeles**
B.A. English
Single Subject Teaching option
Creative Writing option
- **California State University, Northridge**
B.A. Creative Writing option
B.A. Literature; Single Subject Credential; Honors options

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

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 IN ARTS DEGREE – 60 UNITS

The Associate degree in Animation involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 49 semester units in the Animation 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.

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.

Required Foundation Courses:

Entertainment Technology 2, Storytelling (3)

Entertainment Technology 3, Principles of Project Management (3)

Entertainment Technology 18, Storyboarding (2)

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 in Animation will be granted upon completion of the major requirements listed above.

Digital Media (44 units)

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

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**
B.A. Environmental Economics and Policy

B.S. Environmental Economics and Policy
 B.S. Environmental Engineering Science
 Environmental Science, Policy, and Management (ESPM)
 B.S. Environmental Sciences. Students select an emphasis in one of three disciplinary fields: Biological Sciences, Physical Sciences **or** Social Sciences.

- **University of California, Davis**
 B.S. Environmental Science and Management
 B.S. Environmental Horticulture and Urban Forestry
 B.S. Environmental Policy Analysis & Planning
 B.S. Environmental Toxicology
- **University of California, Irvine**
 Environmental Analysis and Design
 Environmental Engineering
- **University of California, Los Angeles**
 B.A. Earth and Environmental Studies
 B.S. Earth & Environmental Science
 Environmental Engineering
- **University of California, Santa Barbara**
 B.A. Environmental Studies
 B.S. Environmental Studies
- **University of California, Santa Cruz**
 B.A. Environmental Studies
- **California State University, Long Beach**
 B.A. Environmental Science and Policy
 B.S. Environmental Science and Policy
- **San Francisco State University**
 B.A. Environmental Studies
 B.S. Environmental Studies
 Earth Environmental Science concentration
 Natural Resources Management and Conservation 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. Environmental Science
- **Mills College**
 B.A. Environmental Science

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Environmental Science involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 39 semester units in the Environmental Science 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)
or
 Geography 7, Introduction to Environmental Studies (3)

Select one course from the following:

Environmental Studies 14, US Environmental History (3)
or
 History 14, US Environmental History (3)
 Environmental Studies 20, Environmental Ethics (3)
or
 Philosophy 20, Environmental Ethics (3)
 Environmental Studies 22, Environmental Politics and Policies (3)
or
 Political Science 22, Environmental Politics and Policies (3)
 Environmental Studies 32, Global Environmental History (3)
or
 History 30, Global Environmental History (3)
 Environmental Studies 40, Environmental Psychology (3)
or
 Psychology 40, Environmental Psychology (3)

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) **or** CIS 20, Introduction to Geographic Information Systems (3) **or** GIS 20, Introduction to Geographic Information Systems (3)
 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 (4)
 Physics 8, General Physics with Calculus (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, Introduction to Physical Geology
 (No-Laboratory) (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)

or

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

or

Philosophy 20, Environmental Ethics (3)
 Environmental Studies 22, Environmental Politics and
 Policies (3)

or

Political Science 22, Environmental Politics and Policies
 (3)

Environmental Studies 32, Global Environmental History
 (3)

or

History 30, Global Environmental History (3)
 Environmental Studies 40, Environmental Psychology (3)

or

Psychology 40, Environmental Psychology – Service
 Learning (3)

Geography 2, Introduction to Human Geography (3)
 Geography 8, Introduction to Urban Studies (3)

or

Urban Studies 8, Introduction to Urban Studies (3)
 Geography 11, World Geography (3)

or

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

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)

or

Geography 7, Introduction to Environmental Studies (3)

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) **or** CIS 20, Introduction to Geographic
 Information Systems (3) **or** GIS 20, Introduction to
 Geographic Information Systems (3)

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 (4)

Physics 7, General Physics (4)

Physics 8, General Physics with Calculus (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, Introduction to Physical Geology
 (No-Laboratory) (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)

or

History 14, US Environmental History (3)

Environmental Studies 20, Environmental Ethics (3)

or

Philosophy 20, Environmental Ethics (3)

Environmental Studies 22, Environmental Politics and Policies (3)

or

Political Science 22, Environmental Politics and Policies (3)

Environmental Studies 40, Environmental Psychology (3)

or

Psychology 40, Environmental Psychology (3)

Geography 2, Introduction to Human Geography (3)

Geography 8, Introduction to Urban Studies (3)

or

Urban Studies 8, Introduction to Urban Studies (3)

Geography 11, World Geography (3)

or

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

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.

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.

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.

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 in Ethnic Studies involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 24 semester units in the Ethnic Studies 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)

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.

Fashion Design and 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**
B.S. Textile Clothing (Marketing)
B.S. Textile Clothing (Textile Science)
- **California State Polytechnic University, Pomona**
Apparel Merchandising and Management/Apparel Production
Fashion Design Management track
International Apparel Management track
- **California State University, Long Beach**
B.A. Fashion Merchandising
B.A. Textiles and Clothing
- **California State University, Los Angeles**
B.A. Art
Fashion and Textiles option
- **California State University, Northridge**
B.S. Family and Consumer Sciences
Apparel Design and Merchandising option

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

- **Mount Ida College**

B.S. Fashion Design

B.S. Fashion Merchandising – Merchandising and Marketing

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Fashion Design & Merchandising involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 40 semester units in the Fashion Design 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.

Fashion Design (40 units)

REQUIRED BASIC CORE COURSES: (9 units)

Fashion 1, Trends and Design (3)

Fashion 3, Apparel Construction (3)

Fashion 9A, Fashion Illustration & Merchandising (3)

SECOND LEVEL COURSES: (11-12 units)

Fashion 2, Color Analysis (3)

Fashion 5, Fashion Buying (3)

Fashion 10, Advanced Design & Construction (3)

Fashion 13, Draping I (3) or Fashion 6A, Pattern Analysis & Design (2)

THIRD LEVEL COURSES

Fashion 6B, Pattern Drafting and Design (Intermediate) (3)

Fashion 11, Tailoring (2)

Fashion 14, Draping II (3)

Elective

FOURTH LEVEL COURSES

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

Fashion 8, History of Fashion Design (3)

Fashion 12, Fashion Show Production (3)

Elective

Select additional elective courses to bring the total to 40 units from the following:

Art 10A, Design I (3)

Art 20B, Drawing II (3)

Business 63, Principles of entrepreneurship (3)

Fashion 9B, Advanced Fashion Illustration and Advertising (2)

Fashion 15, Ethnic Fashion (3)

Fashion 16, Pattern Grading (2)

Fashion 17, Apparel Production manufacturing Techniques (3)

Fashion 18, Computer Assisted Fashion Illustrator and Design (2)

Fashion 19, Fashion Marketing (3)

Fashion 20, Window Display for Fashion (3)

Fashion Merchandising (40 units)

REQUIRED BASIC CORE COURSES: (8-9 units)

Fashion 1, Fashion Trends and Design (3)

Fashion 3, Apparel Construction (3)

Fashion 9A, Fashion Illustration & Merchandising (3)

SECOND LEVEL COURSES:

Fashion 2, Color Analysis (3)

Fashion 5, Fashion Buying (3)

Fashion 6A, Pattern Analysis and Design (2)

THIRD LEVEL COURSES

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

Fashion 12, Fashion Show Production (3)

Fashion 19, Fashion Marketing (3)

FOURTH LEVEL COURSES

Fashion 8, History of Fashion Design (3)

Fashion 9B, Advanced Fashion Illustration and Advertising (2)

Fashion 15, Ethnic Fashion (3)

Select additional elective courses to bring the total to 40 units from the following:

Art 10A, Design I (3)

Art 20B, Drawing II (3)

Business 31, Business English Fundamentals (3)

Business 63, Principles of entrepreneurship (3)

CIS 1, Computer Concepts with Applications (3)

Fashion 6B, Pattern Drafting and Design (Intermediate) (3)

Fashion 11, Tailoring (2)

Fashion 14, Draping II (3)

Fashion 15, Ethnic Fashion (3)

Fashion 16, Pattern Grading (2)

Fashion 17, Apparel Production Manufacturing Techniques (3)

Fashion 18, Computer Assisted Fashion Illustrator and Design (2)

Fashion 20, Window Display for Fashion (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.

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.

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, Los Angeles**
B.A. Film and Television
- **University of California, Riverside**
B.A. Film and Visual Culture
- **University of California, Santa Barbara**
B.A. Media & Cultural Studies (formerly B.A. Film and Visual Culture)
- **University of California, Santa Cruz**
B.A. Film and Digital Media
Production concentration
- **California State University, Long Beach**
B.A. Film and Electronic Arts
- **California State University, Northridge**
Cinema and Television Arts
Film Production option
Multimedia Production option
Media Theory and Criticism option
Radio Production option
Screenwriting option
Television Production option
- **San Diego State University**
B.S. Television, Film and New Media Production

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
- **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

- **Loyola Marymount University**
B.A. Production, Film and Television
B.A. Recording Arts
B.A. Screenwriting
- **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.

- **Anglia Ruskin University, Cambridge, ENGLAND**
B.A. (Hon) Film Studies
- **California State University, Long Beach**
Film and Electronic Arts department website:
www.csulb.edu/depts/fea
- **Chapman University**
Film Production department website: ftv.chapman.edu/prospective/undergraduate/production.cfm
Transfer information:
www.chapman.edu/admission/transfer.asp
- **San Francisco State University**
B.A. Cinema department website: www.sfsu.edu/~bulletin/current/programs/cinema.htm#785

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Film Studies involves satisfactory completion of a minimum of 60 semester units 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)

Required Courses: (9-12 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)
- Please note: Film Studies 1 (formerly Cinema 9) is intended as a beginning course to introduce students to film studies.*

Additional courses to total 21 units must be selected from:

- 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 in General Science involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 20 semester units in the General Science area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE, or IGEC.

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, 11, 13, 15, 18, 20, 21, (22), (23),
(24), 26, 28, 29, 32 (if completed Fall 2006 or later), 41,
52, 54

GROUP B – PHYSICAL SCIENCE (MINIMUM OF 3 UNITS)

At least one course required:

Astronomy – all courses
Chemistry – all courses
Geography – 1, 3, 5
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
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**
B.A. Geography
- **University of California, Los Angeles**
B.A. Geography
- **University of California, Santa Barbara**
B.A. Geography
B.A. Geography: Geographic Information Systems
emphasis
- **California State University, Northridge**
B.A. Geography
Other Specializations available: Cartography and GIS,
Environmental Studies, Regional and International
Studies, Urban Geography
- **California State University, San Bernardino**
B.A. Geography

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 [.smc.edu/articulation](http://www.smc.edu/articulation)).

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**
B.A. Earth and Planetary Science
- **University of California, Davis**
A.B. Geology
B.S. Geology
- **University of California, Riverside**
B.A. Geology
General Geology option
Global Climate Change option
Geobiology option
Geophysics option
- **University of California, Santa Barbara**
B.S. Earth Science
Other concentrations offered: B.S. Earth Science, Climate and Environment, Geohydrology, Paleobiology
- **California State University, Northridge**
B.S. Geological Sciences
Environmental Geology option
Geology option
Geophysics option
Secondary Teaching option
- **California Polytechnic State University, San Luis Obispo**
B.S. Geology
- **San Francisco State University**
B.A. Earth Science
B.S. Geology

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 communication and conflict resolution, and modern languages. The Global Studies program is designed to encourage students to become "global thinkers." They learn how to relate their knowledge of a particular part of the world to the larger trends and issues that affect all societies: the transnational interactions of peoples, cultures, economies, and politics; the globalizing processes of the communication media; technological and environmental changes; law and human rights; the sometimes violent political, ethnic and religious responses to what is perceived as cultural and economic homogenization on a global scale; and the search for a just, sustainable and peaceful world.

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

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Global Studies involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 23 semester units in the Global Studies 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 Political Science 5*)

Global Studies 10, Global Issues (3)

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

or

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

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)

or

Geography 7, Introduction to Environmental Studies (3)

Environmental Studies 20, Environmental Ethnics (3)

or

Philosophy 20, Environmental Ethnics (3)

Environmental Studies 22, Environmental Politics and Policies (3)

or

Political Science 22, Environmental Politics and Policies (3)

Environmental Studies 40, Environmental Psychology (3)

or

Psychology 40, Environmental Psychology (3)

Fashion Design 15, Ethnic Fashion (3)

Geography 2, Introduction to Human Geography (3)

Geography 8, Introduction to Urban Studies (3)

or

Urban Studies 8, Introduction to Urban Studies (3)

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)

or

Philosophy 48, Nonviolent Resistance (3)

Philosophy 51, Political Philosophy (3)

or

Political Science 51, Political Philosophy (3)

Philosophy 52, Modern Political Thought (3)

or

Political Science 52, Modern Political Thought (3)

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, Ethnic Dance (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)

or

History 30, History and Literature of Contemporary Africa (3)

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)

or

History 30, Global Environmental History (3)

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)

or

Religious Studies 22, Philosophy of Religion (3)

Political Science 14, Middle East Government and Politics (3)

or

Religious Studies 23, Middle East Government and Politics (3)

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 43.

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.

Graphic Design

Graphic designers design and produce artwork for a variety of printed material, including logotypes, stationery, brochures, advertising, packaging, book covers and many other types of projects. This field also includes computer-related imagery for print and web.

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, Los Angeles – School of the Arts and Architecture**
Art and Design/Media Arts
- **California State University, Long Beach**
B.A. Art
Graphic Design option (portfolio review required)

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, Los Angeles, San Diego, San Francisco, Orange County; The California Design College (AI)**
- **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

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Graphic Design involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 40 semester units in the Graphic Design 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)

(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 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) **or**
Entertainment Technology 37, Digital Imaging (3)
- Graphic Design 66, Web Design 2 (3) (same as
Entertainment Technology 14)
- 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 21, Electronic Prepress and Publishing (3)
- Graphic Design 35, Drawing for Graphic Design (2)
- 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 65, Web Design 1 (2)
- Graphic Design 67, Web Design 3 (3)
- Graphic Design 71, Motion Graphics 1 (3)
- Graphic Design 90 A, B, C, Internship (1,2,3)

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.

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.

Required Courses:

- CIS 54, Web Page Development and Scripting I (3) (same as Entertainment Technology 33)
- Entertainment Technology 34, Web Animation 1 (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) (same as Entertainment Technology 14)
- 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**
B.A. History
- **University of California, Davis**
B.A. History
- **University of California, Irvine**
B.A. History
- **University of California, Los Angeles**
B.A. History
- **University of California, San Diego**
B.A. History
- **University of California, Santa Barbara**
B.A. History
- **University of California, Santa Cruz**
B.A. History
- **California State University, Northridge**
B.A. History

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

History (18 units)

Required 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)

Required World History/Western Civilization Courses: (6 units)

History 1, History of Western Civilization I (3) **and**
History 2, History of Western Civilization II (3)

or

History 33, World Civilizations I (3) **and** History 34, World Civilizations II (3)

Select one course not already completed above: (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; Communication Studies 14 (formerly Speech 4), 37 (formerly Speech 7); Dance 2; Early Childhood Education 11, 18; Economics 5 (same as Global Studies 5 and Political Science 5); English 9, 10, 39, 40, 41, 45, 53, 54, 57, 58; Film Studies 6, 7; French 1, 2, 3, 4; Geography 14; German 1, 2, 3, 4; Hebrew 1, 2; History 5, 6, 10, 16, 19, 21, 22, 24, 25, 26, 29, 30, 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; Music 35, 37; Nutrition 7; Persian 1, 2; Philosophy 22 (same as Religions Studies 22), 23; Political Science 7, 8, 11, 14, 21; 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

Select one course not already completed above: (3 units)

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); Anthropology 2, 3, 7, 19; Economics 1, 2, 5; Environmental Studies 7 (same as Geography 7), 14 (same as History 32); Geography 2, 7 (same as Environmental Studies 7), 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, 16, 19, 20, 21, 22, 24, 25, 26, 29, 30, 32 (same as Environmental Studies 32), 33 (if not used above), 34 (if not used above), 38, 39, 41, 42, 43, 45, 46, 47, 48, 52, 53, 55, 62; Media Studies 1, 10; Music 33, 36; Nutrition 7; Political Science 1, 3; Psychology 1; Sociology 1, 1 S, 2, 2 S; Urban Studies 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 State Polytechnic University, Pomona**
B.A. History – General
- **California State Polytechnic University, San Luis Obispo**
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 – General
- **California State University, East Bay**
B.A. History – Asian History
B.A. History – European History
B.A. History – West
B.A. History – Latin American History
B.A. History – 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
- **California State University, Los Angeles**
B.A. History – General
- **California State University, Monterey Bay**
B.A. Human Communication – History, Oral History,
and New Media
B.A. Social and Behavioral Sciences – Social History
- **California State University, Northridge**
B.A. History – General
- **California State University, San Bernardino**
B.A. History – General
B.A. History – 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
- **Sacramento State University**
B.A. History – General
- **San Diego State University**
B.A. History – General
- **San Francisco State University**
B.A. History
B.A. History – Honors Program
- **San Jose State University**
B.A. History – General
- **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, located at SMC's Academy of Entertainment and Technology, 1660 Stewart St., Santa Monica. 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

International students should contact Carolyn Holmes in the International Counseling Center at (310) 434-4218. All other students should 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, Long Beach**
B.F.A. Art
Interior Design option
- **California State University, Northridge**
B.S. Family and Consumer Science
Interior Design option

- **San Francisco State University**

B.S. Interior 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. 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

- **Woodbury University**

Interior Architecture, B.F.A.

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Interior Architectural Design involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 47 semester units under the Interior Architectural Design area of emphasis and at least 24 units under the Fundamentals of Interior Architectural Design 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 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.

Required Core Courses: (42 units)

INTARC 28, Visual Studies II (3)

INTARC 29, Computer Skills for Interior Architectural Design (3)

INTARC 30, Principles of Interior Architectural Design (3)

INTARC 31, Interior Architecture Design Studio I (3)

INTARC 32, Visual Studies I (3)

INTARC 33, Interior Architectural Design Career and Portfolio (3)

INTARC 34, Applied Color and 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: (6 units)

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 49, Trade Resources for Film and TV (3)

INTARC 50, Business and Specifications (3)

INTARC 52, Production Design for Film and TV (3)

INTARC 57, 3D Digital Drafting II (3)

INTARC 60, 20th Century Furniture and Interiors (3)

INTARC 62, Model Building (3)

INTARC 65, Digital Rendering for Interiors (3)

INTARC 66, Visual History of American Housing (3)

INTARC 70, 3D Digital Rendering and Animation (3)

INTARC 90A,B,C,D Internship (1,2,3,4)

- 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 units)

A Certificate of Achievement is granted upon completion of the 47 required units listed under the Interior Architectural Design 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 28, Visual Studies 2 (3)
 INTARC 32, Visual Studies 1 (3)
 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.

- **California State University, Fullerton**
 B.A. Communications/emphasis Print and Broadcast Journalism
 Visual Journalism emphasis
- **California State University, Long Beach**
 B.A. Journalism
- **California State University, Northridge**
 B.A. Journalism

- **San Diego State University**

B.A. Journalism

- **San Jose State University**

B.A. Journalism

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 Southern California (USC)**

B.A. Journalism

ASSOCIATE DEGREE – 60 UNITS

The Associate degree in Journalism involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 19 semester units in the Journalism 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)

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

Journalism 3, Editing (3)
 Journalism 8, Writing to Sell (3)
 Journalism 17, Editing the Campus Newspaper (2)
 Journalism 18, Opinion Writing (3)
 Journalism 19, Online Newspaper (3)
 Journalism 20, Producing Magazines for the Web (3)
 Journalism 43, Public Relations and Publicity (3) (*same as Business 29*)
 Journalism 90, Internship (2)
 Media Studies 14, Newscasting and Newswriting (3) (*formerly Broadcasting 4A*) (*same as Journalism 4A*)

GROUP B

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 21, News Photography (3) (*same as Photography 13*)
 Journalism 22, Photography for Publication (3) (*same as Photography 14*)

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 C

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*)

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**
 A.B. Exercise Science
 B.S. Exercise Science
- **California State University, Dominguez Hills**
 B.A. Physical Education
 Fitness Director option
 Pre-Physical Therapy option
 Teaching option
- **California State University, Long Beach**
 B.S. Athletic Training
 B.S. Kinesiology
 Exercise Science option
 Fitness option

B.S. Kinesiology Physical Education
 Sport Psychology and Leadership option

- **California State University, Los Angeles**
 B.S. Exercise Science
 Exercise and Nutrition option
 B.S. Kinesiology
 Dance concentration
- **California State University, Northridge**
 B.S. Athletic Training
 Applied Fitness and Active Lifestyle Development option
 B.S. Kinesiology
 Exercise Science option

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 in Kinesiology Physical Education and the Associate degree in Athletic Coaching involve satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 28 semester units in the Kinesiology Physical Education or 21 semester units in the Athletic Coaching 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:

Chemistry 10, Introductory General Chemistry (5)
 Physics 6, General Physics (4)
 Physics 8, General Physics with Calculus (4)
 Physics 14, Introductory Physics with Lab (4)

Select additional courses to total 28 units from the following:

- Dance 20, Ethnic Dance (2)
- Dance 22, 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 1 (3)
- 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 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 10, Fitness Lab (1)
- KIN PE 11C, Advanced Weight Training (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 43C, Advanced 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 21 required units listed under the Athletic Coaching Associate degree.

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 55 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 IN ARTS DEGREE

The Associate degree in Liberal Arts – Arts & Humanities involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 18 semester units in the Arts & Humanities 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 61 (same as Graphic Design 74); Graphic Design 64 (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 5); Theatre Arts 2, 5 (same as English 55), 7, 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, 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

The Associate degree in Liberal Arts – Social & Behavioral Science involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 18 semester units in the Social & Behavioral Science 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);
Geography 2, **7** (same as Environmental Studies 7), 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); 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, 26, (28), 29, 30, 32 (same as Environmental Studies 32), 33, 34, (35), (36), (37), 38, 39, 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); Environmental Studies **22** (same as Political Science 22); Global Studies **5** (same as Economics 5 and Political Science 5); Political Science 1, 2, 3, **5** (satisfies Global Citizenship requirement if completed Spring 2008 or later) (same as Economics 5 and Global Studies 5), 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); Philosophy 51 (same as Political Science 51), 52 (same as Political Science 52)

GROUP 5:

Sociology 1, **1S**, 2, **2S** 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), **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); Environmental Studies **40** (same as Psychology 40); 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**
B.A. Mathematics/Applied Mathematics
- **University of California, Davis**
A.B. Mathematics
B.S. Mathematics
A.B. Statistics
B.S. Statistics (General Option)
B.S. Statistics (Computer Science)
- **University of California, Irvine**
B.S. Mathematics
- **University of California, Los Angeles**
B.S. Mathematics
Other majors offered:
Mathematics of Computation
Mathematics/Economics
Mathematics/Applied Science
- **University of California, San Diego**
B.A. Mathematics
Other majors offered:
B.A. Applied Mathematics/B.S. Scientific Computation
B.A. Mathematics/Applied Science
B.A. Mathematics
B.A. Mathematics/Computer Science
- **University of California, Santa Barbara**
B.S. Mathematics/B.S. Mathematical Sciences
B.A. Mathematics
- **University of California, Santa Cruz**
B.A. Mathematics
- **California State University, Northridge**
B.A. Mathematics
B.S. Mathematics

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. 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.)
3. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

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

Mathematics (21 units)

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, General Physics with Calculus (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 State Polytechnic University, San Luis Obispo**
B.S. Mathematics – General
- **California State University, Bakersfield**
B.S. Mathematics – Applied Mathematics
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 Mathematics
B.S. Mathematics – General
B.S. Mathematics – 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 Mathematics
B.S. Mathematics Teaching
- **California State University, Fullerton**
B.A. Mathematics – Applied Mathematics
- **California State University, Long Beach**
B.S. Mathematics – Applied Mathematics
B.S. Mathematics – General
B.S. Mathematics – Mathematics Education
B.S. Mathematics – Statistics
- **California State University, Los Angeles**
B.A. Mathematics – General
- **California State University, Monterey Bay**
B.S. Mathematics – Preparation Program
B.S. Mathematics – Pure Math

- **California State University, Northridge**
B.S. Mathematics – Applied Mathematical Sciences option
- **California State University, San Bernardino**
B.A. Mathematics – Integrated Teaching Track
- **California State University, San Marcos**
B.S. Mathematics – General
- **California State University, Stanislaus**
B.A. Mathematics – General
B.S. Mathematics – General
- **Fresno State University**
B.A. Mathematics
- **Humboldt State University**
B.A. Mathematics – Applied Mathematics
B.A. Mathematics
- **Sacramento State University**
B.A. Mathematics – General
- **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 Jose State University**
B.A. Mathematics
B.S. Mathematics – Preparation for Teaching
- **Sonoma State University**
B.A. Mathematics – Applied Statistics – General
B.A. Mathematics – 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."

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, Davis**
Music A.B.
- **University of California, Irvine**
Music (B.A. *or* B.S. Music)
Bachelor of Music (Special String Performance)
- **University of California, Riverside**
Music B.A.
Music and Culture B.A.
- **University of California, San Diego**
Music/Humanities B.A.
Music: Interdisciplinary Computing in the Arts, B.A.
- **University of California, Santa Barbara**
B.A./B.M. Music
- **California State University, Monterey Bay**
B.A. Music
- **California State University, Northridge**
B.A. Music
B.F.A. Music
Breadth Studies option
Music Industry option
Music Education option
Music Therapy option
- **San Francisco State University**
B.A./B.M. Music

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. Music in the following concentrations:
Choral Conducting
Instrumental Conducting
Instrumental Studies
Music History/Literature
Theory/Composition
Vocal Studies
World Music/Ethnomusicology

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

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 Music (39 units)

The Associate degree in Music involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 39 semester units in the General Music 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.

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 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 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 79, Jazz Improvisation (3)
- Music 81, Introduction to Mariachi Performance (2)

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)

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 Theater 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 (3)
- 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)

Applied Music (39 units)

The Associate degree in Applied Music involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 39 semester units in the Applied Music 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.

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 requirement by audition. Certification of the exemption by the Music Department must be filed with the petition for graduation. Students exempted from this requirement receive course credit but do not receive unit credit.

All students must complete 4 semesters of performance ensemble selected from:

- Music 40, Opera Workshop (2)
- Music 42, Advanced Opera Production (5)
- Music 45, Musical Theatre Workshop (3) (*same as Theater Arts 45*)
- Music 52, Advanced Production – Musical Theatre (5)
- Music 53, Jazz Vocal Ensemble (2)
- Music 55, Concert Chorale (2)
- Music 59, Chamber Choir (2)
- Music 64, Piano Ensemble (2)
- Music 74, Orchestra (2)
- Music 76, Intermediate Brass, Woodwinds and Percussion (2)
- Music 77, Wind Ensemble (2)
- Music 78, Jazz Ensemble (2)

Music 79A, Jazz Improvisation (3)
 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 (3)

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 11*) OR Communication Studies 35 (*formerly Speech 5*), and Psychology 19 are considered requirements and must be completed. 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 2.5 for **all** college coursework;
- An overall grade point average of 2.5 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 of no less than C;
- Be in good standing at Santa Monica College (not on academic or progress probation);
- Meet the minimum physical qualifications & essential functions (more information at www.smc.edu/nursing/majorpreparation.htm);

- Must have negative criminal background check;
- Must take and achieve the required score on an Admissions Assessment; and
- Have a valid Social Security Number.

Application for admission to the nursing program is made through the Health Sciences counselor at the Bundy Campus. For more information, see www.smc.edu/nursing.

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**
 B.S. Nursing Science

- **University of California, Los Angeles**
 Nursing – Generic/Prelicensure/B.S.

The Generic/Prelicensure Bachelor of Science (B.S.) degree program at UCLA has been designed to prepare students for a career in nursing. This is a three-year program beginning in the freshman year.

In addition to the general UC application for admission, applicants to the nursing program must complete a supplementary application with the School of Nursing. The Nursing Generic/Prelicensure program is not open to second baccalaureate applicants. Students with a non-nursing baccalaureate degree should apply for the Masters Entry Clinical Nursing (MSN/MECN) program. Visit www.nursing.ucla.edu or www.nursing.ucla.edu for more information regarding this major and UCLA's transfer selection process.

- **California State University, Fullerton**
 B.S. Nursing

- **California State University, Los Angeles**
 B.S. Nursing

- **San Jose State University**
 B.S. Nursing

- **California State University, Northridge**
 B.S. Nursing

- **California State University, San Bernardino**
 B.S. Nursing

- **San Francisco State University**
 B.S. Nursing

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
- **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 in Nursing involves satisfactory completion of 71 semester units with a C average or higher in the Nursing 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 – 71 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*)

Once the above prerequisites are completed you may meet with the Health Sciences counselors to apply to the program. There is a 3 semester wait period from the date of application.

Nursing Theory courses have a corresponding Clinical (laboratory) component that must be taken concurrently.

Additional ADN Graduation Requirements: (19 units)*

Each course must be completed with a grade of C or higher, except for Social Science Group A, Global Citizenship/Humanities, and Math, which must be completed with a grade of D or higher.

- Communication Studies 35, Interpersonal Communications (3) (*formerly Speech 5*)
- Global Citizenship/Humanities (*select one course from the following*): Art (72), (79) (*satisfies Global Citizenship requirement if completed Fall 2008 or later*), Art History 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, 57A, English 9, 10, Film Studies 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
- Psychology 19, Lifespan Human Development (3)
- Social Science – Group A (3)/History 10, 11, 12, 15 (*same as Economics 15*), 45, 46, Political Science 1

- Sociology 1, Introduction (3) **or** Sociology 1 S, Introduction to Sociology – Service Learning (3)
- Speech (*see Communication Studies*) (4)
- Nursing 17, Pharmacology (3)
- Nursing 36, Calculations in Drugs and Solutions (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*), and Psychology 19 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: 8 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: 8 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*: (21 units)

Each course must be completed with a grade of C or higher, except for Social Science Group A, Global Citizenship/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*)
Global Citizenship/Humanities (*select one course from the*
following: Art (72), (79) (*satisfies Global Citizenship*
requirement if completed Fall 2008 or later), Art History
11 (*satisfies Global Citizenship requirement if completed*
Fall 2008 or later) (*formerly Art 79*), 72, Cinema (*see*
Film Studies) (7), Communication Studies 14 (*formerly*
Speech 4), Dance 2, 57A (*satisfies Global Citizenship*
requirement if completed Fall 2008 or later), English 9,
10, Film Studies 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; Speech (*see*
Communication Studies) (4)
Psychology 19, Lifespan Human Development (3)
Sociology 1, Introduction to Sociology (3) **or** Sociology 1
S, Introduction to Sociology – Service Learning (3)

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. 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 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.m.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**
B.S. Nutritional Science (The Department of Nutritional Science and Toxicology is located in the College of Natural Resources)
Students select between two specializations:
Physiology & Metabolism
Dietetics
- **University of California, Davis**
B.S. Clinical Nutrition
B.S. Nutritional Science
Nutrition option
Public Health option
- **California State Polytechnic University, Pomona**
Foods and Nutrition: Dietetics
Foods and Nutrition: Nutrition Science
- **California State Polytechnic University, San Luis Obispo**
B.S. Nutrition
Applied Nutrition Concentration
Nutrition and Food Industries Concentration
Nutrition Science Concentration
- **California State University, Long Beach**
B.S. Nutrition & Food Dietetics
- **California State University, Los Angeles**
B.S. Nutritional Science
- **California State University, Northridge**
B.S. Family and Consumer Sciences
Option in Nutrition, Dietetics and Food Dietetics
- **California State University, San Bernardino**
B.S. Nutrition and Food Sciences
- **San Diego State University**
Food and Nutrition
- **San Francisco State University**
B.S. Dietetics

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.

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 institution:

- **Arizona State University**
Dietetics
Food and Nutrition Management
Human Communication
Nutrition Communication

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/clerical.

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

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 in Office Technology involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 30-32 semester units in the General Office, 30 semester units in the Legal Administrative Assistant, or 33 semester units in the Medical Administrative Assistant, or 33-34 semester units in the Medical Coding and Billing Specialist 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.

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 requirements 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 agencies, and a variety of business and industries—such as banks, insurance companies, investment firms, and real estate companies. This program prepares students to pursue employment as a legal administrative assistant. Training is provided in legal terminology, law office procedures, legal research, computer technology, machine transcription and document preparation, keyboarding, and written and verbal communication.

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.

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 33 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: 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: (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 on a separate sheet in the Transfer/Counseling Center, 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.

Legal Administrative Assistant (30 units)

A Certificate of Achievement in Legal Administrative Assistant will be granted upon completion of the major requirements listed above.

Medical Administrative Assistant (36 units)

A Certificate of Achievement in Medical Administrative Assistant will be granted upon completion of the major requirements listed above.

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.

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: Using knowledge of record keeping 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, Davis**
B.A. Philosophy
- **University of California, Irvine**
B.A. Philosophy
- **University of California, Los Angeles**
B.A. Philosophy
- **University of California, Santa Barbara**
B.A. Philosophy
Concentration I (Core Philosophy)
Concentration II (Ethics and Public Policy)

- **California State University, Northridge**

B.A. Philosophy

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

Photographers record visual images on film or videotape to graphically illustrate or explain an idea, record an event or capture a mood. They generally specialize in a particular type of subject matter, such as portraits, landscape, nature or news pictures and in types of equipment such as 35 millimeter cameras, video, or movie cameras. Some related job titles include portrait photographers, commercial and industrial photographers, photojournalists, visual artists, and photo editors.

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

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. And graduates will have the knowledge and skills pertinent to the successful operation of a freelance photography business and sound business practices in the trade.

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.

- **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.

For requirements, see transfer agreement, available in the Transfer/Counseling Center or online (go to www.smc.edu/articulation).

Students must have an overall 3.0 GPA and present a portfolio at time of application.

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 in Photography involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 42 semester units in the Photography 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.

Photography (40 units)

Required Courses:

- Art 10C, Computer Design (3)
- Photography 1, Introduction to Photography (3)
- Photography 2, Basic Photography Lab Techniques (2)
- Photography 5, Digital Asset Management, Modification, & Output (3)
- Photography 30, Techniques of Lighting: Introduction (4)
- Photography 31, Introduction: Photography People (4)
- Photography 33, Techniques of Lighting: Production (4)
- Photography 39, Beginning Photoshop (3)
- Photography 43, Beginning Portfolio Development (3)
- Photography 52, History of Photography (3) **or** Art History 52, History of Photography (3) (*formerly Art 73*)
- Photography 60, Business Practices In Photography (3)

Restricted Electives (5 units); [Please 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]. Additional courses to total 40 units and recommended electives may be selected from the following:

- Photography 7, Advanced Portfolio Development (3)
- Photography 13, News Photography (3) **or** Journalism 21, News Photography (3)
- Photography 14, Photography for Publication (3) **or** Journalism 22, Photography for Publication (3)
- Photography 21, Alternative Photographic Process (3)
- Photography 29, Video Production for Still Photographers (3)
- Photography 32, Photographing People: Advanced (4)
- Photography 37, Advanced Black and White Printing (3)

- Photography 40, Digital Capture (3)
- Photography 42, Advanced Photoshop (3)
- Photography 44, Building Web Sites for Photographers (2)
- Photography 50, Basic Color Printing (3)
- Photography 88A, Independent Studies in Photography (1)
- Photography 88B, Independent Studies in Photography (2)
- Photography 90A, Internship in Photography (1)
- Photography 90B, Internship in Photography (2)
- Photography 90C, Internship in Photography (3)
- Photography 90D, Internship in Photography (4)

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.

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**
B.A. Physics
- **University of California, Davis**
A.B. Physics
B.S. Physics
Astrophysics emphasis

- **University of California, Irvine**
B.S. Math
- **University of California, Los Angeles**
B.A. Physics
B.S. Physics
- **University of California, Riverside**
B.A. Physics
B.S. Physics
Biophysics option
- **University of California, San Diego**
B.A./B.S. Physics
- **University of California, Santa Barbara**
B.S. Physics
- **California State University, Northridge**
B.A. Physics
B.S. Physics

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**
B.A. Political Science
- **University of California, Davis**
A.B. Political Science
A.B. Political Science (Public Service)
- **University of California, Irvine**
B.A. Political Science
- **University of California, Los Angeles**
B.A. Political Science
- **University of California, San Diego**
B.A. Political Science
- **University of California, Santa Barbara**
B.A. Political Science
- **University of California, Santa Cruz**
B.A. Politics
- **California State University, Northridge**
B.A. Political Science

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
Art History Visual Cultural Track
- **Arizona State University**
B.A./B.S. Political Science
- **City University of London, England**
International Politics
- **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

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**
B.A. Psychology
- **University of California, Davis**
Psychology A.B.
Psychology B.S. (Biology)
Psychology B.S. (Mathematics)
- **University of California, Irvine**
B.A. Psychology
B.A. Psychology and Social Behavior
B.A. Social Ecology
- **University of California, Los Angeles**
Psychology B.A.
Psychobiology B.S.
Cognitive Science B.S.
- **University of California, Riverside**
B.A. Psychology
- **University of California, Santa Barbara**
B.A. Psychology
- **University of California, Santa Cruz**
B.A. Psychology
- **University of California, San Diego**
B.A. Psychology
- **California Polytechnic State University, San Luis Obispo**
B.S. Psychology
- **California State University, Dominguez Hills**
B.A. Psychology
- **California State University, Long Beach**
B.A. Psychology
- **California State University, Los Angeles**
B.A. Psychology
- **California State University, Northridge**
B.A. Psychology

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./B.S. Psychology
- **Kaplan University**
B.A. Psychology/Applied Behavioral Analysis

- **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**

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 in Public Policy involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 20 semester units in the Public Policy/Political Science 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)

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 31, Music History 2 (3)
Music 33, Jazz in American Culture (3)
Music 36, History of Rock Music (3)
Music 27, Music in American Culture (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, 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)
or
Geography 7, Introduction to Environmental Studies (3)
Environmental Studies 14, US Environmental History (3)

or
History 14, US Environmental History (3)
Environmental Studies 20, Environmental Ethics (3)

or
Philosophy 20, Environmental Ethics (3)
Environmental Studies 22, Environmental Politics and Policies (3)

or
Political Science 22, Environmental Politics and Policies (3)
Environmental Studies 40, Environmental Psychology (3)

or
Psychology 40, Environmental Psychology (3)
Geography 14, Geography of California (3)

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)

or
Health 60, Multicultural Health and Healing Practices (3)
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)
or
Geography 8, Introduction to Urban Studies (3)

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.

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 in Recycling and Resource Management involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 18 semester units in the Recycling and Resource Management 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)

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 two 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 department chair)*
- Geography 7, Introduction to Environmental Geography (3) *(same as Environmental Studies 7)*
- Political Science 22, Environmental Politics (3)

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.

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.

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.

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:

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

Respiratory Therapy

The program is a partnership between Santa Monica College and East Los Angeles College (ELAC). Graduates earn a joint "certificate of completion" awarded by both colleges, as well as an Associate degree in Respiratory Therapy. The possession of the Associate degree and certificate of completion from the program allows the graduate to sit for the California licensure exam to become a licensed Respiratory Care Practitioner (RCP). Graduates are also eligible for the Advanced Practitioner exams offered by the National Board for Respiratory Care (NBRC), which leads to the awarding of the nationally recognized Registered Respiratory Therapist (RRT) credential.

All of the first-year courses are offered on the SMC campus (except Respiratory Therapy 2).

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). Physiology 3 and Microbiology 1 must be completed within 7 years of start of RES TH 1. **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 – 69-71 UNITS

The Associate degree in Respiratory Therapy involves satisfactory completion of a minimum of 60-71 semester units with a C average or higher, including at least 55 semester units in the Respiratory Therapy 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 (54 units)

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: 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 (27 units)

SUMMER SESSION (6 UNITS)

Two General Education Courses* (6)

Summer Session Unit Subtotal: 6

FIRST SEMESTER (13-15 UNITS)

MCRBIO 1, Fundamentals of Microbiology (5) **or** [ELAC]

MICRO 20, General Microbiology (4)

RESP TH 1, Introduction to Respiratory Therapy (2)

or [ELAC] RESP TH 1, Introduction to Respiratory Therapy (1)

RESP TH 29, Neonatal/Pediatric RT (4) **or** [ELAC] RESP

TH 29, Neonatal and Pediatric Respiratory Therapy (4)

RES TH 60, Respiratory Physiology (4) **or** [ELAC] RESP

TH 6, Respiratory Physiology (4)

First Semester Unit Subtotal: 13-15

SECOND SEMESTER (14 UNITS)

[ELAC] RESP TH 2, Fundamentals of Respiratory Therapy (4)

RESP TH 70, Pathophysiology (4) **or** [ELAC] RESP TH 7,

Applied Medicine and Pathology (3) **and** [ELAC] RESP

TH 23, Advanced Respiratory Pathophysiology (1)

RESP TH 30, Adult Critical Care Monitoring (3) **or**

[ELAC] RESP TH 30, Adult Critical Care Monitor and Diagnostics (3)

PHYSICS 12, Introductory Physics (3) **or** [ELAC] RESP TH

21, Physics of Respiratory Care (3)

Second Semester Unit Subtotal: 14

**General education requirements may vary according to math and English placement results. General education courses may be completed before, during, or after the Respiratory Therapy Program. Students should consult the appropriate college's catalog or college counselor for specific general education program planning.*

***RESP TH 2 offered only at ELAC (East Los Angeles College) campus*

Second Year (27 units)

All second year courses are East Los Angeles College courses and are offered only on the ELAC campus

SUMMER SESSION (4 UNITS)

RESP TH 15, Introduction to Clinical Experience (4)

Summer Session Unit Subtotal: 4

THIRD SEMESTER (17 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)
 Two General Education Courses* (6)
 Third Semester Unit Subtotal: 17

WINTER SESSION (1 UNIT)

- RESP TH 31, Neonatal Resuscitation (1)
 Winter Session Unit Subtotal: 1

FOURTH SEMESTER (14 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)
 General Education Course* (3)

Students should make an appointment with the RT Faculty Advisor in the SMC Health Science Department once they select RT as their major. Applications for the Respiratory Therapy Program can be obtained from the Health Science Department at SMC's Bundy Campus. Additional program information and/or an appointment may be made with the RT 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**
A.B. Sociology
A.B. Social Welfare
- **University of California, Davis**
A.B. Sociology
A.B. Sociology (Comparative Studies)
A.B. Sociology (Law and Society)
A.B. Sociology (Social Services)
A.B. Sociology (Organizational Studies)
- **University of California, Irvine**
B.A. Sociology
B.A. Social Ecology Majors
- **University of California, Los Angeles**
B.A. Sociology
- **University of California, San Diego**
B.A. Sociology
- **University of California, Santa Barbara**
B.A. Sociology
- **University of California, Santa Cruz**
B.A. Sociology
- **California State University, Dominguez Hills**
B.A. Sociology
- **California State University, Long Beach**
Sociology
Social Work
- **California State University, Los Angeles**
B.A. Sociology
- **California State University, Northridge**
B.A. Sociology
- **California Polytechnic State University, San Luis Obispo**
B.A. Social Sciences

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./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/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 AA/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 in Solar Photovoltaic Installation involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 19 semester units in the Solar Photovoltaic Installation 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)

Required courses:

- Energy 1, Energy Efficiency (3)
- Environmental Studies 7, Introduction to Environmental Studies (3) (*same as Geography 7*)
- INTARC 35, Computer Aided Design/Drafting (3) **or** GIS 20, Introduction to Geographic Information Systems (3) **or** CIS 20, Introduction to Geographic Information Systems (3) **or** Geography 20, Introduction to Geographic Information Systems (3)
- Photovoltaic 1, Introduction to Solar Energy Systems (3)
- Photovoltaic 2, Intermediate Solar Photovoltaic Systems Installation (3)
- Photovoltaic 3, Advanced Solar Photovoltaic Installation (4)

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.

Speech

See Communication Studies

Theatre Arts

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.

Program Learning Outcomes: Students who complete the Theatre Arts 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.

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, Los Angeles, School of Theater, Film & Television**
Theatre, B.A.
- **University of California, Riverside**
Theatre, B.A.

- **University of California, San Diego**
Theatre and Dance, B.A.
- **University of California, Santa Barbara**
B.A. Theatre
B.F.A. Theatre
Acting emphasis
- **California State University, Dominguez**
B.A. Theatre Arts
- **California State University, Long Beach**
B.A. Theatre Arts
- **California State University, Los Angeles**
B.A. Theatre Arts option
Dance option
- **California State University, Northridge**
B.A. Theatre

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 in Theatre Arts involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 20 semester units in the Theatre Arts 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 Arts (20 units)

Required Courses: (15 units)

- Theatre Arts 5, History of World Theatre (3)
- Theatre Arts 10A, Voice Development for the Stage (3)
- 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 41, Acting I (3)

Select one course from:

- Theatre Arts 22, Stage Lighting (3)
- Theatre Arts 24, Stage Sound (1)
- Theatre Arts 26, Introduction to Stage Costuming (3)
- Theatre Arts 28A, Beginning Stage Make-up (1)

Select one course from:

- 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)
- 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).

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 55 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.

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.

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**
A.B. Women's Studies
- **University of California, Irvine**
B.A. Women Studies
- **University of California, Los Angeles**
B.A. Gender Studies
- **University of California, Riverside**
B.A. Women Studies
- **University of California, San Diego**
B.A. Women's Studies
- **University of California, Santa Barbara**
B.A. Women Studies
- **California State University, Northridge**
B.A. Gender and Women's Studies
- **San Diego State University**
B.A. Women's Studies
- **San Francisco State University**
B.A. Women's Studies

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 in Women's Studies involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including at least 24 semester units in the Women's Studies 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)

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)

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 8, Women's Studies Leadership Practicum (3)

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.