MAJOR Requirements
Associate in Arts Degree and Career Certificate Programs

All Associate in Arts Degree and Career Certificate programs offered at Santa Monica College are designed to provide students with the necessary skills to compete successfully in related job markets. Career Certificate 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 AA and the Career Certificate programs are available in the Transfer/Counseling Center and online (go to www.smc.edu/transfer/articulation). Completion of an AA or Career Certificate major coursework 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

Students may graduate under the general education and major requirements in effect at the time of their initial enrollment if continuous enrollment is maintained, or at the time their continuous enrollment commences, or under the requirements in effect at the time of graduation. Continuous enrollment is defined as enrollment in each Fall and Spring semester until graduation.

ASSOCIATE IN ARTS DEGREES

60 Units Unless Otherwise Noted

Academy of Entertainment & Technology
  – Animation
Accounting
Animation (Offered through the Academy of Entertainment and Technology)
Art
Art History
Broadcasting
  – Broadcast Programming and Production
  – Broadcast Sales and Management
Business
  – Business Administration
  – General Business
  – Entrepreneurship
  – International
  – Management Leadership
  – Marketing
  – Merchandising
Cinema (see Film Studies)
Computer Information Systems
  – Computer Business Applications
  – Website Software Specialist
Computer Science
  – Computer Science
  – Computer Programming
  – Database Applications Developer
  – Web Programmer
Cosmetology
Dance
Early Childhood Education (formerly Child Development)
  – Early Childhood Intervention Assistant
  – Early Childhood Intervention Teacher
Entrepreneurship
Fashion Design and Merchandising
  – Fashion Design
  – Fashion Merchandising
Film Studies (formerly Cinema)
General Science
Graphic Design
International Business
Interior Architectural Design
Journalism
Kinesiology Physical Education
Liberal Arts
Marketing
Merchandising
Music
  – General
  – Applied Music
Nursing – RN (71 units)
Office Technology (formerly Office Information Systems)
  – General Office
  – Photography
  – Respiratory Therapy
  – Speech
  – Theatre Arts
Transfer Studies AA
Women's Studies

CAREER CERTIFICATE PROGRAMS

Academy of Entertainment & Technology
  – Animation
Accounting
  – Accounting
  – Professional Accountant
Business
  – General Business
  – Entrepreneurship
  – International
  – Management/Leadership
  – Marketing
  – Merchandising
Computer Information Systems
  – Computer Business Applications
  – Website Software Specialist
Computer Science
  – Computer Programming
  – Computer Science
  – Database Applications Developer

Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements. For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.
Web Programmer
Cosmetology
Early Childhood Education (formerly Child Development)
- Early Childhood Intervention Assistant
- Early Childhood Intervention Teacher
- Early Childhood Intervention Assistant Teacher
Fashion Design and Merchandising
- Fashion Design
- Fashion Merchandising
Graphic Design
Interior Architectural Design
- Interior Architectural Design Level 1
- Interior Architectural Design Level 2
- CAD Production & Design
- Set Design & Art Direction for Film & TV
Office Technology (formerly Office Information Systems)
- General Office
Photography
Santa Monica College also offers short-term departmental certificates of completion.

DEPARTMENT CERTIFICATES OF COMPLETION
Academy of Entertainment & Technology
- Digital Foundations
Accounting
- Computer Accounting
Computer Information Systems
- Desktop Publishing
- Website Creator
- Website Development Management
- Word Processing
Computer Science
- Computer Programming
- Information Systems Management
- Networking
- Robotics and Artificial Intelligence
Cosmetology
- Salon Business
- Skin Care
- Nail Care
Office Technology (formerly Office Information Systems)
- Clerical/Data Entry
- Medical Billing/Coding
- Medical Transcription
- Word Processing

ADDITIONAL FIELDS OF STUDY
Anatomy
Anthropology
Astronomy
Biological Sciences
Botany
Chemistry
Chinese
Communications
Counseling (formerly Human Development)
Economics
Engineering
English
Environmental Studies
ESL – English as a Second Language
French
Geography
Geology
German
Health Education
Hebrew
Humanities
Italian
Japanese
Korean
Library Studies
Mathematics
Microbiology
Nutrition
Occupational Therapy
Persian
Physiology
Political Science
Psychology
Religious Studies
Russian
Sociology
Spanish
Urban Studies
Zoology

Pre-Professional Advising Sheets (Available in Transfer/Counseling Center or at www.smc.edu/transfer/articulation)
Chiropractic
Dental
Dental Hygiene
Law
Medical
Pharmacy
Veterinary
Teacher Preparation

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.

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.

Students planning to transfer to a four-year college/university should refer to the Business Administration major requirements.
ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment). Each course must be completed with a grade of C (2.0) or higher. These programs are not designed for transfer students.

Accounting

Total major units required: 28 units General Education units required: 18 units. Additional recommended courses/electives: 14 units. Total units required: 60 units.

The major consists of 28 units as follows:

Required Core Courses (12 Units)
Business 1, Introduction to Business (3)
Business 31, Business English (3) or English 1, Reading & Composition (3)
Business 32, Business Communication (3)
CIS 1, Introduction to Computers with Applications (3) or CIS 4, Introduction to Computer, Business Applications (3)

Required Concentration Courses (16 Units)
Accounting 1, Principles of Accounting 1 (5) and Accounting 2, Principles of Accounting 2 (5)
Accounting 31A, Excel for Accounting (3) or CIS 30, Microsoft EXCEL (3) or CIS 31, Accounting Spread Sheets (3)
Accounting 35, QuickBooks (3) or CIS 35, QuickBooks (3)

Additional Recommended Courses
Accounting 3, Intermediate Accounting 1 (5) and Accounting 4, Intermediate Accounting 2 (5) or Accounting 10A, Intermediate Accounting A (3) and Accounting 10B, Intermediate Accounting B (3) and Accounting 10C, Intermediate Accounting C (4) or Accounting 10A, Intermediate Accounting A (3) and Accounting 10B, Intermediate Accounting B (3) and Accounting 10C, Intermediate Accounting C (4) and Accounting 4, Intermediate Accounting II (5)
Accounting 5, Advanced Accounting (5) or Accounting 6, Accounting Consolidations (3) and Accounting 7, Accounting Special Topics (3)
Accounting 11, Cost Accounting (3)
Accounting 12, Auditing (3)
Accounting 15, Personal Income Tax (3)
Accounting 16, Corporate Income Tax (3)
Business 5, Business Law (3)

GE and graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

CAREER CERTIFICATES

Accounting

Each course listed below must be completed with a grade of C (2.0) or higher.

Option 1: (28 units)
Completion of required core courses and required concentration courses listed above in the AA degree program.

Option 2: (23-24 units)
Accounting 1, Principles of Accounting 1 (5) and Accounting 2, Principles of Accounting 2 (5)
Choose one series from:
A) Accounting 3, Intermediate Accounting 1 (5) and Accounting 4, Intermediate Accounting 2 (5)
B) Accounting 10A, Intermediate Accounting A (3) and Accounting 10B, Intermediate Accounting B (3) and Accounting 10C, Intermediate Accounting C (4)
C) Accounting 10A, Intermediate Accounting A (3) and Accounting 10B, Intermediate Accounting B (3) and Accounting 4, Intermediate Accounting II (5)

Option 3: (22-26 units)
Accounting 1, Principles of Accounting 1 (5) and Accounting 2, Principles of Accounting 2 (5) and Accounting 15, Personal Income Tax (3)
Choose one from:
Accounting 31A, EXCEL for Accounting (3) CIS 30, Microsoft EXCEL (3) CIS 31, Accounting Spread Sheets (3) Accounting 31B, Advanced EXCEL for Accounting (3) Accounting 35, QuickBooks (3) or CIS 35, QuickBooks (3)

Choose two from the following:

Professional Accountant

The following curriculum prepares holders of a Bachelor’s Degree to sit on the Certified Public Accounting (CPA) Board Exam.

Each course listed below must be completed with a grade of C (2.0) or higher.

Required Concentration Courses (37-38 Units)
Accounting 1, Principles of Accounting 1 (5) and Accounting 2, Principles of Accounting 2 (5) Accounting 6, Accounting Consolidations (3) Accounting 7, Accounting Special Topics (3) Accounting 11, Cost Accounting (3) Accounting 12, Auditing (3) Accounting 15, Personal Income Tax (3) Business 5, Business Law (3)

Choose A or B:
A) Accounting 3, Intermediate Accounting 1 (5) and Accounting 4, Intermediate Accounting 2 (5) B) Accounting 10A, Intermediate Accounting A (3) and
Accounting 10B, Intermediate Accounting B (3) and Accounting 10C, Intermediate Accounting C (4)

Choose A or B:
A) Accounting 5, Advanced Accounting (5)
B) Accounting 6, Accounting Consolidations (3) and Accounting 7, Accounting Special Topics (3)

Additional Recommended Courses
Accounting 16, Corporate Taxation (3)
Accounting 31A, Excel for Accounting (3)
Accounting 31B, Advanced Excel for Accounting (3)
Accounting 35, QuickBooks (3) or CIS 35, QuickBooks (3)
CIS 4, Introduction to Computers with Business Applications (3)

For information on the CPA exam, please see the California Board of Accountancy website (www.dca.ca.gov/cba/).

DEPARTMENT CERTIFICATE OF COMPLETION

Computer Accounting (14 units)

Each course listed below must be completed with a grade of C (2.0) or higher.

Accounting 1, Principles of Accounting (5)
CIS 4, Introduction to Computers Business Applications (3)
Accounting 31A, Excel for Accounting (3)
Accounting 35, QuickBooks (3) or CIS 35, QuickBooks (3)

Additional Recommended:
Accounting 31B, Advanced Excel for Accounting (3)

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.

This major may also lead to many other careers. For additional possibilities, visit the Career Services Center on SMC’s 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/transfer/articulation.

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

- **University of California, Davis**
  A.B. Anthropology
  B.S. Anthropology

- **University of California, Irvine**
  B.A. Anthropology
  B.S. Anthropology

- **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/transfer/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/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/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.

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, 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/transfer/articulation.

- University of California, Irvine
  B.A. Arts Interdisciplinary
- University of California, Los Angeles
  B.A. Art
  B.A. Design/Media Arts
- UCLA School of Art and Architecture, Department of Design
  B.A. Art
- University of California, Riverside
  B.A. Art
- University of California, Santa Barbara
  B.A. Art
- Cal Poly 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
  Design option
  Art Education option
  Art History option
  Fashion and Textiles option (specialization in Fashion
  Design or Fashion Merchandising)
  Studio Arts option

- California State University, Northridge
  B.A. Art

- California State University, Sacramento
  B.A. Art

- California State University, San Bernardino
  B.A. Plan I (Art Education)
  B.A. Plan II (Specializations)
  B.A. Plan IV (Graphic Design)
  B.A. Plan V (Graphic Design and Marketing)

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

- Academy of Art University San Francisco
  Please note that this institution is NOT regionally accredited. Please check with an SMC counselor for more specific information.
  B.F.A. Fine Arts and Art Studies

- Art Center College of Design
  B.F.A. Advertising
  B.S. Environmental Design
  B.F.A. Film
  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. Studio Arts, Fine Arts and Graphic Arts emphasis
  B.A. Studio Arts, Multimedia emphasis

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of 24 units.

CORE COURSES – 12 UNITS
Art 10A, Design I (3)
Art 20A, Drawing I (3)
Choose two from the following:
Art 1, Western Art History I (3)
Art 2, Western Art History II (3)
Art 3, Western Art History III (3)
Art 5, Arts of Asia (3)
Art 8, Western Art History IV, (3)
Art 9, Mexican Art (3)
Art 72, American Art History (3)
FOUNDATION CLASSES – (strongly recommended after completion of core classes):
Art 10B, Design II (3)
Art 20B, Drawing II (3)
Art 21A, Drawing III (3)
Choose one from the following:
Art 40A, Sculpture I (3)
Art 52A, Ceramics I (3)
Art 13, 3-D Design (3)

The above recommendations are the minimum requirements for an AA degree only.

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 that they apply to for admission.

It is possible to be admitted to a university based on academics, but not into their 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 Art Department, which is available in the Transfer/Counseling Center, the Art Department, and at www.smc.edu/transfer/articulation. This will help students to develop a successful portfolio for transfer.

In addition, students should make an appointment with the institution of their choice to inform themselves of specific classes and portfolio projects needed for transfer.

**COURSE OF STUDY FOR TRANSFER CONSIDERATION AND PORTFOLIO DEVELOPMENT**

**CORE CLASSES – 12 UNITS**
Art 10A, Design I (3)
Art 20A, Drawing I (3)

Choose two classes from the following:
Art 1, Western Art History I (3)
Art 2, Western Art History II (3)
Art 3, Western Art History III (3)
Art 5, Arts of Asia (3)
Art 8, Western Art History IV, (3)
Art 9, Mexican Art History (3)
Art 72, American Art History (3)

**FOUNDATION CLASSES – (strongly recommended after completion of core classes) 12 units:**
Art 10B, Design II (3)
Art 20B, Drawing II (3)
Art 21A, Drawing III (3)

Choose one from the following:
Art 40A, Sculpture I (3)
Art 52A, Ceramics I (3)
Art 13, 3-D Design (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)
Photo 1, Introduction to Photography (3)
Photo 2, Basic Photo Lab Techniques (3)

**Art History**

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

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, 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/transfer/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

- **Cal Poly Pomona**
  B.A. Art History

- **California State University, Los Angeles**
  B.A. Art

  Art History option:
ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

This major consists of 24 units.

CORE COURSES – 18 UNITS
Art 1, Western Art History I (3)
Art 2, Western Art History II (3)
Art 3, Western Art History III (3)
Art 4, Western Art History IV (3)
Art 10A, Design I (3)
Art 20A, Drawing I (3)

(Strongly recommended after completion of core classes) – 6 units
Art 5, Arts of Asia (3)
Art 6, Architectural History (3)
Art 7, History and Theory of Architecture (3)
Art 9, Mexican Art (3)
Art 21A, Drawing III (3)
Art 40A, Sculpture (3)
Art 52A, Ceramics (3)
Art 72, American Art (3)
Photo 52, History of Photography (3)

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, novas, 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.

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, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.smc.edu/transfer/articulation.

University of California, Berkeley
B.S. Astrophysics

California State University, Northridge
B.S. in Physics with an Astrophysics option

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should select either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

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.

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, and private institutions. Exact major requirements for these and other UC and CSU campuses can be found online at www.smc.edu/transfer/articulation.

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
**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.

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](http://www.assist.org). Articulation agreements with private institutions can be found online at [www.smc.edu/transfer/articulation](http://www.smc.edu/transfer/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/transfer/articulation](http://www.smc.edu/transfer/articulation) for exact requirements) with the following private and out-of-state institutions:

- **Mount Saint Mary’s College**
  Biological Sciences with emphasis in Pre-Physical Therapy

General education requirements are listed in the Academics section of this catalog, as well as online (go to [www.smc.edu/transfer/articulation](http://www.smc.edu/transfer/articulation)).

**ASSOCIATE IN ARTS DEGREE – 60 UNITS**

Transfer students in this major who wish to qualify for an Associate in Arts degree should select either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to [www.smc.edu/transfer/articulation](http://www.smc.edu/transfer/articulation)).

- **University of California, Berkeley**
  B.S. Genetics
  A.B. Microbiology
  B.S. Microbiology

- **University of California, Irvine**
  Biological Sciences
  Applied Ecology

- **University of California, Los Angeles**
  B.S. Biology

- **University of California, Riverside**
  B.S. General Biology

- **University of California, San Diego**
  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.
  Biology, 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
  WITH OPTIONS IN:
  Cellular-Molecular, Marine Biology, Microbiology, Environmental

- **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/transfer/articulation](http://www.smc.edu/transfer/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

General education requirements are listed in the Academics section of this catalog, as well as online (go to [www.smc.edu/transfer/articulation](http://www.smc.edu/transfer/articulation)).

- **Mills College**
  Biology

- **Mount Saint Mary’s College**
  Biological Sciences with emphasis in Pre-Physical Therapy

**Biochemistry/Molecular Biology**

**Biopsychology**

**Major Requirements**
ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

Transfer students may qualify for an Associate in Arts degree in this major or they may select the Liberal Arts major.

Option 1: Broadcast Programming and Production – 20 units

Required courses:
- Communication 1, Survey of Mass Media
  Communications (3)
- Broadcasting 1, Introduction to Broadcasting (3)
- Broadcasting 2, Broadcast Programming and Management (3)
- Broadcasting 3A, Broadcast Announcing & Production (3)
- Broadcasting 4A, Newswriting and Newscasting (3)

The following courses are highly recommended. Students must select at least three units from the following list:
- Broadcasting 4B, Advanced Broadcast Newswriting and Newscasting (3,3)
- Broadcasting 5A, Sportscasting Fall Sports (3)
- Broadcasting 5B, Sportscasting Spring Sports (3,3)
- Broadcasting 5C, Sportscasting Summer Sports (3,3)
- Broadcasting 8, Broadcast Advertising (3)
- Broadcasting 9, Broadcast Workshop (3,3)
- Broadcasting 46, Television Production (3)
- Broadcasting 48, Television Workshop (3)
- Broadcasting 90A, Internship (1)
- Broadcasting 90B, Internship (2)
- Broadcasting 90C, Internship (3)
- Communication 2, Reading Media: Acquiring Media Literacy Skills (3)

Option 2: Broadcast Sales and Management – 20 units

Required courses:
- Communication 1, Survey of Mass Media
  Communications (3)
- Broadcasting 1, Introduction to Broadcasting (3)
- Broadcasting 2, Broadcast Programming & Management (3)
- Broadcasting 3A, Broadcast Announcing & Production (3)
- Broadcasting 8, Broadcast Advertising (3)
- Business 23, Principles of Selling (3)

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)
- Business 63, Principles of Entrepreneurship (3)
- Broadcasting 90A, Internship (formerly BRDCST 10S) (1)
- Broadcasting 90B, Internship (formerly BRDCST 10) (2,2,2)
- Communication 2, Reading Media: Acquiring Media Literacy Skills (3)

Students completing the AA degree major requirements in either Option 1 or 2 may wish to elect additional courses from this recommended list:
- Broadcasting 46, Television Production (3)
- Communication 2, Reading Media: Acquiring Media Literacy Skills (3)
- Humanities 88, Independent Study and Projects (1-2)
- Journalism 1, The News (3)
- Journalism 2, Newswriting and Reporting (3)
- Journalism 43, Public Relations and Publicity (3)
- Speech 2, Persuasion (3)
- Theatre Arts 24, Stage Sound (1,1)
- Theatre Arts 41, Acting I (3,3,3,3)
- Theatre Arts 42, Acting II (3,3,3,3)

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.

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, 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/transfer/articulation.

- University of California, Berkeley
  B.A. Business Administration, Haas School of Business

- University of California, Riverside
  B.A. Business Administration

- University of California, Santa Cruz
  B.S. Information Systems Management

- California Polytechnic State University, San Luis Obispo
  B.S. Business Administration

- California State University, Bakersfield
  B.A. Business Administration

- California State University, Chico
  B.A. Business Administration

- California State University, Dominguez Hills
  B.A. Business Administration

- California State University, Long Beach
  B.A. Business Administration
ASSOCIATE IN ARTS DEGREE
IN BUSINESS ADMINISTRATION – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

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

Transfer students may qualify for an Associate in Arts degree in this major or they may select the Liberal Arts Major. The major consists of 25-27 units.

The following courses are required:
Accounting 1, Principles of Accounting (5) and
Accounting 2, Principles of Accounting 2 (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 23, Math for Business
and Social Science (5) or Math 7, Analytic Geometry
and Calculus (5) or Math 52, Elementary Statistics (3)

Recommended courses:
Business 20, Principles of Marketing (3)
Business 32, Business Communications (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, Introduction to Computers with Applications (3)
or CIS 4, Introduction to Computers, Business Applications (3)

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog. Information on Certificate Programs in Business Administration is listed below.

Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements.
For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.
CAREER CERTIFICATES

PLEASE NOTE: Career Certificates, but not Business Department Certificates of Completion, may be expanded into an Associate in Arts Degree by completing a total of 60 units that include general education requirements (requirement listed on separate sheet) and recommended courses from the certificate areas.

Each Career Certificate requires two types of courses: Core and Concentration

There are four core courses in all Business Career Certificate Programs. These courses are required for all students and they should be completed before taking concentration courses.

Each course listed below must be completed with a grade of C (2.0) or higher.

Core Courses: 12 units required
- Business 1, Introduction to Business (3)
- Business 31, Business English (3) or English 1, Reading and Composition (3)
- Business 32, Business Communications (3)
- CIS 1, Introduction to Computers (3) or CIS 4, Introduction to Computers with Business Applications (3)

General Business

Core Courses listed above: 12 units
Concentration Courses:
- Accounting 1, Principles of Accounting (5)
- Business 20, Principles of Marketing (3)
- Business 65, Management Principles (3) and choose one additional course, 3 or more units, from either Accounting or Business listings not included in the core or concentration above.

TOTAL UNITS REQUIRED: 26-28 UNITS

Entrepreneurship (Replaces Small Business Management)

Core Courses listed above: 12 units
Concentration Courses:
- Accounting 1, Principles of Accounting (5) or Accounting 21, Business Bookkeeping (3)
- Business 5, Business Law (3)
- Business 63, Principles of Entrepreneurship (3) and choose one from the following:
  - Business 20, Principles of Marketing (3)
  - Business 23, Principles of Selling (3)
  - Business 27, Introduction to e-Commerce (3)
  - Business 45, Individual Financial Planning (3)
  - Business 50, Introduction to International Business (3)
  - Business 53, Importing and Exporting (3)
  - Business 55, S. CA International Connections (3)
  - Business 62, Human Relations & Ethical Issues in Business (3)

TOTAL UNITS REQUIRED: 24-26 UNITS

International Business

Core Courses listed above: 12 units
Concentration Courses:
- Business 50, International Trade (3)
- Business 51, Intercultural Communication* (3)
- Business 52, International Marketing (3)

TOTAL UNITS REQUIRED: 24 UNITS

Management/Leadership

Core Courses listed above: 12 units
Concentration Courses:
- Business 51, Intercultural Communication* (3)
- Business 62, Human Relations & Ethical Issues in Business (3)
- Business 65, Management Principles (3) or Business 72, Organizational Management and Leadership (3)
- Business 79, Bargaining and Negotiations (3)

TOTAL UNITS REQUIRED: 24 UNITS

*May substitute Speech 5, Interpersonal Communication or Speech 7, Intercultural Communication

Additional Recommended Courses:
- Accounting 1, Principles of Accounting (3) or Accounting 21, Business Bookkeeping (3)
- Business 27, Introduction to e-Commerce (3)
- Business 54, International Management (3)
- Business 55, S. CA International Connections (3)
- Business 62, Human Relations & Ethical Issues in Business (3)
- Business 80, Principles of Logistics (3)

Marketing

Core Courses listed above: 12 units
Concentration Courses:
- Business 20, Principles of Marketing (3)
- Business 26, Marketing Research and Consumer Behavior (3)
- Business 28, Integrated Marketing Communication (3) and

Choose one from the following:
- Business 22, Introduction to Advertising (3)
- Business 23, Principles of Selling (3)
- Business 24, Creative Selling (3)
- Business 52, International Marketing (3)
- Business 62, Human Relations and Ethical Issues in Business (3)

TOTAL UNITS REQUIRED: 24 UNITS

Merchandising

Core Courses listed above: 12 units
Concentration Courses:
- Business 20, Principles of Marketing (3)
- Business 21, Merchandising Principles (3)
- Business 25, Principles of Merchandising Display (3) and

Choose one from the following:
- Business 22, Introduction to Advertising (3)
- Business 23, Principles of Selling (3)
- Business 24, Creative Selling (3)

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

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, 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/transfer/articulation.

- **University of California, Berkeley**
  - B.A./B.S. Chemistry
  - B.S. Chemistry

- **University of California, Davis**
  - A.B. Chemistry: Chemistry
  - B.S. Chemistry: Chemistry

- **University of California, Irvine**
  - B.S. Chemistry

- **University of California, Los Angeles**
  - B.S. Chemistry

- **University of California, Riverside**
  - B.S. Chemistry
  - B.A. 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
  - B.S. Environmental Chemistry option

Cinema

See Film Studies

Communication

Communication majors will learn the dynamics of communication between individuals, groups and cultures and their application to 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 the theory of communication 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.

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, 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/transfer/articulation.

- **University of California, Berkeley**
  - B.A. Mass Communication

- **University of California, Davis**
  - A.B. Communication

- **University of California, Los Angeles**
  - B.A. Communication Studies
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, as well as 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/transfer/articulation.

ASSOCIATE IN ARTS DEGREES – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

PLEASE NOTE: Career Certificates may be expanded into Associate in Arts degrees by completing a total of 60 units that include the general education requirements and recommended courses from the certificate areas. Additional GE requirements for AA degree can be found online at www.smc.edu/transfer/articulation or listed on a separate sheet available in the Transfer/Counseling Center.

Computer Business Applications (27 major units required)

The computer business application 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.

Each course listed below must be completed with a grade of C (2.0) or higher.

Required courses:

- Accounting 1, 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 with Business Applications (3)
- CIS 32, Microsoft Outlook (3)
- CIS 35, QuickBooks (3)
- CIS 30, Microsoft Excel (3)

Select 6 units from the following courses:

- CIS 30A, Building on the Keyboard (3)
- OFTECH 10, Skill Building on the Keyboard (3)
- OFTECH 5, English Skills for the Office (3)

Website Software Specialist (34 major units required)

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 various Internet technologies (HTML, CSS, JavaScript, and server-side scripting such as ASP or Perl), as well as Web authoring applications such as Dreamweaver, FrontPage, 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.

Each course listed below must be completed with a grade of C (2.0) or higher.

Required courses:

- CIS 1, Computer Concepts with Applications (3)
- CIS 50, Internet, HTML, and Web Design (3)
- CIS 51, Web Page Design Using XHTML and CSS (3)
- CIS 53, Microsoft Expression Web (3)
- CIS 54, Web Page Development and Scripting (3)
- CIS 55, Advanced Web Page Development & Scripting (3)
- CIS 56, Multimedia for the Web (3)
- CIS 57, Web Site Management (3)
- CIS 59A, Dreamweaver I (3)
- CIS 60A, Photoshop I (3)
- CIS 62A, Flash I (3)
- CIS 88A, Independent Study (1)

Additional recommended courses:

- CIS 58, Designing Accessible Websites (3)
- CIS 59B, Dreamweaver II (3)
- CIS 60B, Photoshop II (3)
- CIS 61, Fireworks (3)
- CIS 62B, Flash II (3)
CAREER CERTIFICATES

PLEASE NOTE: Career Certificates may be expanded into Associate in Arts 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 required)
A Career Certificate is granted in Computer Business Applications upon completion of the 27 required units listed under Computer Business Application AA. Each course must be completed with a grade of C (2.0) or higher.

Web Software Specialist (34 units required)
A Career Certificate is granted in Website Software Specialist upon completion of the 34 required units listed under Website Software Specialist AA. Each course must be completed with a grade of C (2.0) or higher.

DEPARTMENT CERTIFICATES OF COMPLETION

Desktop Publishing (17 units required)
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.

Each course listed below must be completed with a grade of C (2.0) or higher.

Required courses:
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) or
OFTECH 5A, Grammar and Punctuation (1) and
OFTECH 5B, Spelling and Vocabulary (1) and
OFTECH 5C, Proofreading (1)

Website Creator (15 units required)
This certificate provides students with the basic skills needed to create Web sites. Students will use Web authoring programs for Web page creation and site management. They will extend their skills of the development of Web sites 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 a professional Web site.

Each course listed below must be completed with a grade of C (2.0) or higher.

Required courses:
CIS 50, Internet, HTML, and Web Design (3)
CIS 51, Web Page Design Using XHTML and CSS (3)
CIS 53, Microsoft Expression Web (3) or CIS 59A, Dreamweaver I (3)
CIS 54, Web Page Development and Scripting (3)
CIS 60A, Photoshop I (3)

Recommended courses:
CIS 58, Designing Accessible Websites (3)
CIS 61, Fireworks (3)

Website Development Management (16 units required)
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.

Each course listed below must be completed with a grade of C (2.0) or higher.

Required courses:
CIS 9A/CS 9A, Technology Project Management I (3)
CIS 9B/CS 9B, Technology Project Management II (3)
CIS 56, Multimedia for the Web (3)
CIS 57, Web Site Management (3)
CIS 62A, Flash I (3)
CIS 88A, Independent Study (1)

Word Processing (15 units required)
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, and advanced word processing techniques. Additional courses include proofreading, basic computer concepts, Internet & e-mail skills, and electronic file management.

Each course listed below must be completed with a grade of C (2.0) or higher.

Required courses:
CIS 4, Introduction to Computers with Business Applications (3)
CIS 37A, Microsoft Word I (3)
CIS 37B, Microsoft Word II (3)
OFTECH 5, English Skills for the Office (3) or OFTECH 5A, Grammar (1) and OFTECH 5B, Spelling and Vocabulary (1) and OFTECH 5C, Proofreading (1)
Select 3 units from the following keyboarding courses:
OFTECH 1, Keyboarding I (3)
OFTECH 1A, Keyboarding I A (1)
OFTECH 1B, Keyboarding I B (1)
OFTECH 1C, Keyboarding I C (1)
OFTECH 9, Keyboarding Improvement (1,1,1)
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 classes 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.

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, 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/transfer/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, Santa Cruz**
  B.A. Computer Science
  B.S. Computer Science
  B.S. Information Systems Management (Baskin School of Engineering)
- **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
  Computational Biology emphasis
  Computational Geography emphasis
- **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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University, College of Science & Engineering**
  B.S. Computer Science
- **Regis University – Online Bachelors Degree Program**

ASSOCIATE IN ARTS DEGREES – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

PLEASE NOTE: Career Certificates may be expanded into Associate in Arts degrees by completing a total of 60 units that include the general education requirements and recommended courses from the certificate areas. Additional GE requirements for AA degree can be found on a separate sheet in the Transfer/Counseling Center or at www.smc.edu/transfer/articulation.

Computer Science (34 major coursework units required)

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.

Each course listed below must be completed with a grade of C (2.0) or higher.

**Required core courses:**
CS 3, 17, 40, 42, 50, 60; Math 7, 8

**Required concentration courses. Select one of the following groups:**

GROUP 1: CS 52 and CS 20A
GROUP 2: CS 55 and CS 20B

Computer Programming (27-29 major coursework units required)

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.

Each course listed below must be completed with a grade of C (2.0) or higher.

**Required core courses:**
CS 3; CS 40 or 80; CS 50; CS 60; Math 20 (or higher level courses)

**Required concentration courses. Select two of the following groups:**
Each course listed below must be completed with a grade of C (2.0) or higher.

**Required courses:**
- CS 3, Introduction to Computer Systems (3)
- 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)
- CS74A, Security in VB.NET Applications (3)

Select two of the following courses: (6 units)
- CS 66, Advanced Oracle (3)
- CS 68, Oracle Database Administrator (3)
- CS 85, PHP Programming (3)
- CS 84, Programming with XML (3)

**Web Programmer** (30 major coursework units required)

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 end-user applications and databases. Web programmers are instrumental in making electronic commerce on the Internet possible.

Each course listed below must be completed with a grade of C (2.0) or higher.

**Required courses:**
- 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)

Select one of the following two groups: (6 units)
- CS 15, Visual Basic Programming (3) and CS 19, Advanced Visual Basic Programming (3)
- CS 55, Java Programming (3) and CS 56, Advanced Java Programming (3)

Select one of the following courses: (3 units)
- CS 32, Database Programming in VB .NET (3) or CS 61, Microsoft SQL Server Database (3) or
- CS 65, Oracle Programming (3)

Select one of the following courses: (3 units)
- CS 37, Web Programming in VB .NET (3) or CS 82, Server-Side Web Programming (3) or
- CS 83, Server Side Java Web Programming (3) or CS 85, PHP Programming (3)

**CAREER CERTIFICATES**

**Computer Science** (34 units required)

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

**Computer Programming** (27-29 units required)

A Career Certificate is granted in Computer Programming upon completion of the 27-29 required units listed under the Computer Programming AA. Each course must be completed with a grade of C (2.0) or higher.

**Database Applications Developer** (33 units required)

A Career Certificate is granted in Database Applications Developer upon completion of the 33 required units listed under the Database Applications Developer AA. Each course must be completed with a grade of C (2.0) or higher.

**Web Programmer** (30 units required)

A Career Certificate is granted in Web Programmer upon completion of the 30 required units listed under the Web Programmer AA. Each course must be completed with a grade of C (2.0) or higher.

**CSIS DEPARTMENT CERTIFICATES OF COMPLETION**

**Computer Programming** (12 units required)

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.

Each course listed below must be completed with a grade of C (2.0) or higher.

**Required courses:**
- CS 3, Introduction to computer applications (3)
- CS 15, Visual Basic (3)
- CS 17, Assembly Language Programming (3)
- CS 52, C++ Programming (3)

**Information Systems Management** (13 units required)

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.

Each course listed below must be completed with a grade of C (2.0) or higher.

**Required courses:**
- CS 9A/9B, Technology Project Management I (3)
- CS 15, Visual Basic Programming (3)
- CS 88A, Independent Study (1)

**Select one of 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)

**Networking (17 units required)**

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.

Each course listed below must be completed with a grade of C (2.0) or higher.

**Required courses:**
- 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 required)**

A certificate in Robotics & 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 classes are very much "hands-on".

Each course listed below must be completed with a grade of C (2.0) or higher.

**Required courses:**
- CS 9A/9B, Technology Project Management I (3)
- 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)

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**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 classes 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 AA 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 IN ARTS DEGREE – 60 UNITS**

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of at least 37 units. Each of the following courses must be completed with a grade of C (2.0) or higher, to total 1600 hours:

- Cosmetology 10, 20, 30, 40, 50A, 50B, Related Science classes
- Cosmetology 11A, 21A, 31A, 42, Haircutting classes
- Cosmetology 11B, 21B, 31B, Hairstyling classes
- Cosmetology 11C, 21C, 31C, Hair coloring classes
- Cosmetology 11D, 21D, Permanent Wave classes
- Cosmetology 14, 24, Curly Hair Techniques classes
- Cosmetology 16, 26, 36, Nail Care classes
- Cosmetology 18, 28A, 28B, 38, 48, 48B, Skin Care classes
- Cosmetology 64, Salon Management

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

- COSM 39, 49, 59, 69, Salon classes

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

**CAREER CERTIFICATE**

A Career Certificate in Cosmetology is awarded to students that have completed 37 units.

Each course must be completed with a grade of C (2.0) or higher, to total 1600 hours.
Cosmetology 10, 20, 30, 40, 50A, 50B, Related Science classes
Cosmetology 11A, 21A, 31A, 42, Haircutting classes
Cosmetology 11B, 21B, 31B, Hairstyling classes
Cosmetology 11C, 21C, 31C, Hair Coloring classes
Cosmetology 11D, 21D, Permanent Wave classes
Cosmetology 14, 24, Curly Hair Techniques classes
Cosmetology 16, 26, 36, Nail Care classes
Cosmetology 18, 28A, 28B, 38, 48, 48B, Skin Care classes
Cosmetology 64, Salon Management

In order to fulfill required hours, operations, and/or units, choose one or more of the following salon classes:
COSM 39, 49, 59, 69, Salon classes

DEPARTMENT CERTIFICATES OF COMPLETION

Skin Care
A Department Certificate of Completion will be awarded in Skin Care to students that complete 600 hours of skin care courses, listed below, with a minimum grade of C (2.0) in each course and at least 14 units completed.

Cosmetology 18, Skin Care 1 (.5)
Cosmetology 20, 30, Related Science classes (3)
Cosmetology 28A, 28B, 38, Skin Care classes (1.5)

In order to fulfill required hours, operations, and/or units, choose one or more of the following salon classes:
COSM 39, 49, 59, 69, Salon Classes

Nail Care
A Department Certificate of Completion will be awarded in Nail Care to students that complete 400 hours of nail care courses, listed below, with a minimum grade of C (2.0) in each course and at least 14 units completed.

Cosmetology 10, Introduction to Cosmetology and Related Science (2 units)
Cosmetology 18, 20, 30, 40, Related Science classes (3)
Cosmetology 28A, 28B, 38, Skin Care classes (1.5)
Cosmetology 48, 48B, Skin Care classes (1)

In order to fulfill required hours, operations, and/or units, choose one or more of the following salon classes:
COSM 39, 49, 59, 69, Salon Classes

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

Required courses – 11 units
Accounting 21, Business Bookkeeping (3)
CIS 4, Business Applications (3)
Cosmetology 64, Salon Business (2)
Business 1, Introduction to Business (3) or Business 20, Principles of Marketing (3) or Business 65, Management Principles (3)

Major Requirements for Transfer

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.

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.

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of 22 units.

Required courses:
Dance 5, Dance History (3)
Dance 7, Music for Dance (3)
Dance 33, 34, 35, 36, Ballet* (2,2,2,2)
Dance 43, 44, 45, 46, Modern Dance* (2,2,2,2)

*If necessary, certification of exemption from Dance courses must be approved by Dance Department and filed with the petition for graduation.

SMC DANCE DEPARTMENT RECOMMENDED COURSES FOR TRANSFER

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

Dance 9 (Dance Production), Dance 20 (Ethnic Dance), Dance 37 (Pointe), Dance 55A and 55B and 55C (Modern), 57A and 57B (Ethnic), 59A, 60, 61, 62 and 63 (Choreography)

Recommended Electives: Dance 14, 15, 16 (Jazz), Dance 17, 18 (tap), Dance 19 (Ballroom), Dance 22, 23 (Mexican), Dance 25 (African); Dance 27 (Brazilian), Dance 31, 32 (Ballet), Dance 41, 42 (Modern Dance), Dance 51 (Introduction to Dance Therapy), Dance 79 (Dance in New York City)

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

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/transfer/articulation.
**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 in Arts degree in Early Childhood Education, AA in Early Childhood Intervention assistant, AA 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, Early Childhood Special Education Teacher, K through 12 teacher, K through 12 Special Education Teacher, Parent Educator, Early Childhood Education Instructor, Marriage Family and Child Counselor.

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.

**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](http://www.assist.org). Articulation agreements with private institutions can be found online at [www.smc.edu/transfer/articulation](http://www.smc.edu/transfer/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](#)
  - Child and Adolescent Development major
  - Child and Child Development major

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

- [Mount Saint Mary’s College](#)
  - B.A. Child Development

**ASSOCIATE IN ARTS DEGREE – 60 UNITS**

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

Transfer students may qualify for an Associate in Arts degree in this major or they may select the Liberal Arts Major.

A career certificate for Early Childhood Education Teacher is granted upon completion of 27 units with a grade of C (2.0) or higher in each course. Remaining units (to total 60) should include AA degree GE requirements and electives. The AA degree’s GE requirements sheet listing additional graduation requirements for the AA degree from Santa Monica College is available online at [www.smc.edu/transfer/articulation](http://www.smc.edu/transfer/articulation) or in the Transfer/Counseling Center.

**AA Early Childhood Education**

A career certificate for Early Childhood Education Teacher is granted upon completion of 27 units with a grade of C (2.0)
or higher in each course. Remaining units (to total 60) should include AA degree GE requirements and electives. The AA degree's GE requirements sheet listing additional graduation requirements for the Associate in Arts degree from Santa Monica College is available online at www.smc.edu/transfer/articulation and in the Transfer/Counseling Center.

The following major courses are required:

Early Childhood Education 2, Early Childhood Education Program (3)
Early Childhood Education 11, Home, School and Community (3)
Early Childhood Education 21, Early Childhood Practices (4)
Early Childhood Education 22, Early Childhood Laboratory (5)
Early Childhood Education 64, Child Health, Safety and Nutrition (3)
Psychology 11, Child Growth and Development (3)

Required Curriculum Courses (6 units, select 2 courses):

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)

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 (also Psychology 18) (3)
Early Childhood Education 23, Practicum in Early Intervention (5)
Early Childhood Education 30, Children with Challenging Behaviors (3)
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, Education of Exceptional Children (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, Exceptional Children in the Classroom (3)
Early Childhood Education 50, Parenting 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, Observation and Assessment (3)
Early Childhood Education 89 A, B, C, or D, Cooperative Work Experience (1, 2, 3 or 4)
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)

**AA Early Childhood Intervention Assistant**

A career certificate for Early Childhood Education Teacher is granted upon completion of 27 units with a grade of C (2.0) or higher in each course. Remaining units (to total 60) should include AA degree GE requirements and electives. The AA degree's GE requirements sheet listing additional graduation requirements for the AA degree from Santa Monica College is available online at www.smc.edu/transfer/articulation or in the Transfer/Counseling Center.

The following major courses are required:

Early Childhood Education 2, Early Childhood Education Program (3)
Early Childhood Education 11, Home, School and Community (3)
Early Childhood Education 21, Early Childhood Practices (4)
Early Childhood Education 23, Practicum in Early Intervention (5)
Early Childhood Education 45, Education of Exceptional Children (3)
Early Childhood Education 46, Infant Through Toddler Studies (3)
Early Childhood Education 49, Exceptional Children in the Classroom (3)
Psychology 11, Child, Growth & Development (3)
First Aid/CPR Training

**AA Early Childhood Intervention Teacher**

A career certificate for Early Childhood Intervention Teacher is granted upon completion of 41 units with a grade of C (2.0) or higher in each course. Remaining units (to total 60) should include AA degree GE requirements and electives. The AA degree’s GE requirements sheet listing additional graduation requirements for the AA degree from Santa Monica College is available online at www.smc.edu/transfer/articulation or in the Transfer/Counseling Center.

The following major courses are required (21 units):

Early Childhood Education 2, Early Childhood Education Program (3)
Early Childhood Education 11, Home, School and Community (3)
Early Childhood Education 45, Education of Exceptional Children (3)
Early Childhood Education 46, Infant Through Toddler Studies (3)
Early Childhood Education 49, Exceptional Children in the Classroom (3)
Major Requirements

Career Certificate in Early Childhood Intervention Assistant (27 units)

The following courses are required:
- Early Childhood Education 2, Early Childhood Education Program (3)
- Early Childhood Education 11, Home, School and Community (3)
- Early Childhood Education 21, Early Childhood Practices (4)
- Early Childhood Education 23, Practicum in Early Intervention (5)
- Early Childhood Education 45, Education of Exceptional Children (3)
- Early Childhood Education 46, Infant Through Toddler Studies (3)
- Early Childhood Education 49, Exceptional Children in the Classroom (3)
- Psychology 11, Child, Growth & Development (3)
- First Aid/ CPR Training

Career Certificate in Early Childhood Intervention Teacher (41 units)

A career certificate for Early Childhood Intervention Teacher is granted upon completion of 41 units with a grade of C (2.0) or higher in each course. Remaining units (to total 60) should include AA degree GE requirements and electives. The AA degree’s GE requirements sheet listing additional graduation requirements for the Associate in Arts degree from Santa Monica College is available online at www.smc.edu/transfer/articulation and in the Transfer/Counseling Center.

The following major courses are required (21 units):
- Early Childhood Education 2, Early Childhood Education Program (3)
- Early Childhood Education 11, Home, School and Community (3)
- Early Childhood Education 45, Education of Exceptional Children (3)
- Early Childhood Education 46, Infant Through Toddler Studies (3)
- Early Childhood Education 49, Exceptional Children in the Classroom (3)
- Early Childhood Education 64, Child Health, Safety and Nutrition (3)
- Psychology 11, Child Growth and Development (3)

Required Curriculum Courses (6 units, select 2 courses):
- 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, Art and Music Movement (3)
- Early Childhood Education 61, Teacher-Child Interactions (3)

Required Practicum Courses (14 units)
- Early Childhood Education 21, Early Childhood Practices (4)
- Early Childhood Education 22, Early Childhood Laboratory (5)
- Early Childhood Education 23, Practicum in Early Intervention (5)

The following courses are required:
- Early Childhood Education 2, Early Childhood Education Program (3)
- Early Childhood Education 11, Home, School and Community (3)
- Early Childhood Education 21, Early Childhood Practices (4)
- Early Childhood Education 23, Practicum in Early Intervention (5)
- Early Childhood Education 45, Education of Exceptional Children (3)
- Early Childhood Education 46, Infant Through Toddler Studies (3)
- Early Childhood Education 49, Exceptional Children in the Classroom (3)
- Psychology 11, Child, Growth & Development (3)
- First Aid/ CPR Training

Career Certificate in Early Childhood Intervention Teacher (41 units)

A career certificate for Early Childhood Intervention Teacher is granted upon completion of 41 units with a grade of C (2.0) or higher in each course. Remaining units (to total 60) should include AA degree GE requirements and electives. The AA degree’s GE requirements sheet listing additional graduation requirements for the Associate in Arts degree from Santa Monica College is available online at www.smc.edu/transfer/articulation and in the Transfer/Counseling Center.

The following major courses are required (21 units):
- Early Childhood Education 2, Early Childhood Education Program (3)
- Early Childhood Education 11, Home, School and Community (3)
- Early Childhood Education 45, Education of Exceptional Children (3)
- Early Childhood Education 46, Infant Through Toddler Studies (3)
- Early Childhood Education 49, Exceptional Children in the Classroom (3)
- Early Childhood Education 64, Child Health, Safety and Nutrition (3)
- Psychology 11, Child Growth and Development (3)

Required Curriculum Courses (6 units, select 2 courses):
- 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, Art and Music Movement (3)
- Early Childhood Education 61, Teacher-Child Interactions (3)

Required Practicum Courses (14 units)
- Early Childhood Education 21, Early Childhood Practices (4)
- Early Childhood Education 22, Early Childhood Laboratory (5)
- Early Childhood Education 23, Practicum in Early Intervention (5)

Major requirements for transfer change frequently. Please access ASSIST at www.asist.org for the most up-to-date requirements. For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.
### To Teach in a Licensed Early Childhood Center

- **The 4 required core courses are:**
  - Early Childhood Education 2, Early Childhood Education Program (3)
  - Early Childhood Education 11, Home, School and Community (3)
  - Early Childhood Education 5, Math and Science for the Young Child (3) or Early Childhood Education 8, Art and Music 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 attached to this sheet for state requirements. (Please consult with the 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 with 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

### 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,
governments, law, teaching and research.
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, 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/transfer/articulation.

- University of California, Berkeley
  B.A. Economics

- University of California, Davis
  B.A. Economics

- University of California, Irvine
  B.A. Economics

- University of California, Los Angeles
  B.A. Economics
  B.A. Economics/Business
  B.A. Economics/International Area Studies B.A.

- University of California, San Diego
  B.A. Economics

- University of California, Santa Barbara
  B.A. Economics
  B.A. Business Economics

- California Polytechnic State University, San Luis Obispo
  B.S. Economics

- California State University, Dominguez Hills
  B.A. Economics
  General Economics concentration
  Quantitative Economics concentration

- 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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- Loyola Marymount University
  B.A./B.S. Economics

- Mills College
  B.A. Economics
  B.S. Economics

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

ASSOCIATE IN ARTS DEGREE – 60 UNITS
Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

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.
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, 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/transfer/articulation.

- University of California, Berkeley
  B.S. Bioengineering
  B.S. Chemical Engineering
  B.S. Civil and Environmental Engineering
  B.S. Earth Resources Engineering
  B.S. Electrical Engineering and Computer Science
  B.S. Environmental Engineering
  B.S. Industrial Engineering
  B.S. Manufacturing Engineering
  B.S. Materials Science and Engineering
  B.S. Mechanical Engineering
  B.S. Nuclear Engineering

- University of California, Davis
  B.S. Aeronautical Science and Engineering
  B.S. Biological Systems Engineering
  B.S. Chemical Engineering; B.S. Chemical Engineering/Biochemical Engineering; B.S. Chemical Engineering/Materials Science and Engineering
  B.S. Civil Engineering
  B.S. Biochemical Engineering
  B.S. Computer Engineering
  B.S. Computer Science and Engineering
  B.S. Electrical Engineering
B.S. Electrical Engineering/Materials Science and Engineering
• University of California, Irvine
  B.S. Aerospace Engineering
  B.S. Chemical Engineering
  B.S. Civil Engineering
  B.S. Computer Engineering
  B.S. Electrical Engineering
  B.S. General Engineering
  B.S. Environmental Engineering
  B.S. Mechanical Engineering
• University of California, Los Angeles
  B.S. Aerospace Engineering
  B.S. Chemical Engineering
  B.S. Civil Engineering
  B.S. Computer Science
  B.S. Computer Science & Engineering
  B.S. Mechanical Engineering
  B.S. Electrical Engineering
  B.S. Materials Engineering
• University of California, Riverside
  B.S. Chemical Engineering
  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, Northridge
  B.S. Civil Engineering; B.S. Engineering; B.S. Manufacturing Systems Engineering; B.S. Mechanical Engineering

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

• Loyola Marymount University
  B.S. Civil Engineering; B.S. Electrical Engineering; B.S. Engineering Physics; B.S. Mechanical Engineering

• Polytechnic University, New York
  For all engineering programs

• University of Southern California
  B.S. Aerospace Engineering
  B.S. Astronautical/Engineering
  B.S. Biomedical/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

ASSOCIATE IN ARTS DEGREE – 60 UNITS
Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).
ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- **California State University, Long Beach**  
  B.A. English

- **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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- **California College of the Arts**  
  B.A. Creative Writing

- **Loyola Marymount University**  
  B.A. English

- **Mills College**  
  B.A. English

- **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, Visual Effects and Web Design. Students will develop professional portfolios, work in teams, and may participate in internships with industry partners when available.

While the Entertainment Technology certificate programs are designed as full-time programs, students may also attend part-time. Courses are available during the day and evenings Monday through Friday and during the day on Saturday. For additional information, please refer to academy.smc.edu.

**DEPARTMENT CERTIFICATE OF COMPLETION**

The Design Technology department offers a Digital Foundation Certificate of Completion upon completion of the required courses listed below. Students must receive a C (2.0) grade or higher in each course to receive the Certificate of Completion.

**Digital Foundation (16 Units)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entertainment Technology 2, Storytelling</td>
<td>(3)</td>
</tr>
<tr>
<td>Entertainment Technology 3, Principles of Project Management</td>
<td>(3)</td>
</tr>
<tr>
<td>Entertainment Technology 18, Storyboarding</td>
<td>(2)</td>
</tr>
<tr>
<td>Entertainment Technology 31A, Digital Video Fundamentals</td>
<td>(3)</td>
</tr>
<tr>
<td>Entertainment Technology 37, Digital Imaging I</td>
<td>(3)</td>
</tr>
<tr>
<td>Entertainment Technology 94, Color Theory</td>
<td>(2)</td>
</tr>
</tbody>
</table>

**CAREER CERTIFICATES**

The Entertainment Technology program currently offers a Career Certificate in Animation. This certificate requires that students first complete the required coursework for the Digital Foundation Certificate of Completion as listed above. Students must receive a grade of C (2.0) or higher in each course to successfully complete any of the Career Certificate programs. Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. See page 42 for definition of continuous enrollment.

**Career Certificate in Animation (59 Units)**

**Required courses:**

- Digital Foundation Courses (see above)
- Entertainment Technology 19A, 2D Animation I (2)
- Entertainment Technology 19B, 2D Animation II (2)
- Entertainment Technology 20, Visual Development (3)
- Entertainment Technology 24, 3D Animation I (4)
- Entertainment Technology 24B, 3D Character Animation (3)
- Entertainment Technology 25, 3D Animation II: Character Rigging (4)
- Entertainment Technology 26, 3D Animation III: Rendering (4)
- Entertainment Technology 30A, Animation Project I (2)
- Entertainment Technology 30B, Animation Project II (3)
- Entertainment Technology 61, History of Animation (3)
- Entertainment Technology 40, Digital Audio Design (3)
- Entertainment Technology 72, Career Exploration (2)
- Entertainment Technology 91, Perspective Drawing (2)
- Entertainment Technology 92, Figure in Motion (3)
- Required electives (one of the following):
  - Entertainment Technology 23, 2D Character Animation (3)
  - Entertainment Technology 32, Digital Compositing (3)
  - Entertainment Technology 34, Web Animation I (3)
  - Entertainment Technology 38, Digital Imaging II (3)
  - Entertainment Technology 41, Advanced Digital Editing (3)
  - Entertainment Technology 63, Digital Tracking & Integration (3)
  - Entertainment Technology 64, Digital Effects I (3)
  - Entertainment Technology 75, Digital Production for 2D Animation (3)
  - Entertainment Technology 95, Animal Drawing (2)
  - Entertainment Technology 97, Advanced Figure in Motion (3)
ASSOCIATE IN ARTS DEGREE

Students who wish to receive an AA degree or to transfer to a four-year program must satisfy additional General Education requirements described in the Academics section of this catalog in addition to completing a certificate program. For more information, refer to the SMC Transfer/Counseling Center’s articulation webpage (www.smc.edu/transfer/articulation). Students who plan to transfer to a four-year college are strongly encouraged to speak with an academic counselor.

AA Animation

Required courses:
- Entertainment Technology 2, Storytelling (3)
- Entertainment Technology 3, Principles of Project Management (3)
- Entertainment Technology 18, Storyboarding (2)
- Entertainment Technology 19A, 2D Animation I (2)
- Entertainment Technology 19B, 2D Animation II (2)
- Entertainment Technology 20, Visual Development (2)
- Entertainment Technology 24, 3D Animation I (4)
- Entertainment Technology 24B, 3D Character Animation (3)
- Entertainment Technology 25, 3D Animation II: Character Rigging (4)
- Entertainment Technology 26, 3D Animation III: Rendering (4)
- Entertainment Technology 30A, Animation Project I (2)
- Entertainment Technology 30B, Animation Project II (3)
- Entertainment Technology 31A, Digital Video Fundamentals (3)
- Entertainment Technology 37, Digital Imaging I (3)
- Entertainment Technology 40, Digital Audio Design (3)
- Entertainment Technology 61, History of Animation (3)
- Entertainment Technology 72, Career Exploration (2)
- Entertainment Technology 91, Perspective Drawing (2)
- Entertainment Technology 92, Figure in Motion (3)
- Entertainment Technology 94, Color Theory (2)

Required electives (one of the following):
- Entertainment Technology 23, 2D Character Animation (3)
- Entertainment Technology 32, Digital Compositing (3)
- Entertainment Technology 34, Web Animation I (3)
- Entertainment Technology 41, Advanced Digital Editing (3)
- Entertainment Technology 63, Digital Tracking & Integration (3)
- Entertainment Technology 64, Digital Effects I (3)
- Entertainment Technology 75, Digital Production for 2D Animation (3)
- Entertainment Technology 95, Animal Drawing (2)
- Entertainment Technology 97, Advanced Figure in Motion (3)

Environmental Science/Studies

Programs in this field may be interdisciplinary in nature and are designed to prepare people to analyze, do research in and solve environmental or energy problems. The environmental sciences concentration meets the need for technical jobs—engineers, biologists, chemists, and geologists. An environmental/urban studies concentration may lead to employment opportunities in the public sector as ecological watchdogs—activists, lobbyists, environmental policy analysts, urban planners, and lawyers, as well as employment in a growing job market in the areas of education and communication. Entrepreneurs are creating environmentally friendly “green” products.

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, 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/transfer/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.A./B.S. Environmental Sciences. Students choose an emphasis in one of three disciplinary fields: Biological Sciences, Physical Sciences or Social Sciences.

- **University of California, Davis**
  - B.S. Environmental Biology and Management
  - B.S. Environmental Horticulture and Urban Forestry
  - B.S. Environmental Policy Analysis & Planning
  - B.S. Environmental and Resource Science
  - B.S. Environmental Toxicology

- **University of California, Irvine**
  - Environmental Analysis and Design
  - Environmental Engineering

- **University of California, Long Beach**
  - B.A. Environmental Science and Policy
  - B.S. Environmental Science and Policy

- **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

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

- **Loyola Marymount University**  
  B.S. Natural Science, Environmental Science Emphasis

- **Mills College**  
  B.A. Environmental Science

**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. Clothing 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.

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, 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/transfer/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  
  Apparel Merchandising and Management Fashion Retailing

- **California State University, Long Beach**  
  B.A. in Family and Consumer Sciences with Option in Fashion Merchandising  
  B.A. in Family and Consumer Sciences with Option in 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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- **Academy of Art University San Francisco**  
  Please note that this institution is NOT regionally accredited. See a counselor for details.  
  B.F.A. Fashion Design and Illustration

- **Mount Ida College**  
  B.S. Fashion Design  
  B.S. Fashion Merchandising

- **Woodbury University**  
  Fashion Design  
  Fashion Marketing

**FASHION DESIGN, ASSOCIATE IN ARTS DEGREE – 60 UNITS**

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of 40 units. The following courses totaling 40 units are required.

**BASIC CORE CLASSES**

Fashion 1, Trends and Design (3)  
Fashion 9A, Fashion Illustration & Merchandising (3)  
Fashion 3, Apparel Construction (3)  
Fashion 6A, Pattern Analysis & Design (2) or Fashion 13, Draping I (3)

**SECOND LEVEL CLASSES**

Fashion 13, Draping I (3) or Fashion 6A, Pattern Drafting and Design (Intermediate) (3)  
Fashion 2, Color Analysis (3)  
Fashion 10, Advanced Design & Construction (3)  
Fashion 5, Fashion Buying (3)

**THIRD LEVEL CLASSES**

Fashion 14, Draping II (3)  
Fashion 6B, Pattern Drafting and Design (Intermediate) (3)  
Fashion 11, Tailoring (2)  
Elective

**FOURTH LEVEL CLASSES**

Fashion 12, Fashion Show Production (3)  
Fashion 8, History of Fashion Design (3)  
Fashion 7, Fabrics for Fashion Design and Merchandising (3)  
Elective

Additional elective courses to bring the total to 40 units, selected from: Art 10A, 20B; Business 63; Fashion 9B, 15, 16, 17; Graphic Design 54

**FASHION MERCHANDISING, ASSOCIATE IN ARTS DEGREE – 60 UNITS**

The major consists of 40 units. The following courses totaling 38 units are required.

**BASIC CORE CLASSES**

Fashion 1, Fashion Trends & Designs (3)  
Fashion 3, Apparel Construction (3)
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 in Arts 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, 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/transfer/articulation.

- University of California, Los Angeles
  B.A. Film and Television
- University of California, Riverside
  B.A. Film and Digital Media
- University of California, Santa Barbara
  B.A. Film and Media Studies
- University of California, Santa Cruz
  B.A. Film and Digital Media
- California State University, Northridge
  Cinema and Television Arts

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

- Academy of Art University San Francisco
  Please note that this institution is NOT regionally accredited. See a counselor for details.
  B.F.A. Cinematography and Production
- Loyola Marymount University
  B.A. Film Production
  B.A. Recording Arts
  B.A. Screenwriting
  B.A. Television Production

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

Transfer students may qualify for an Associate in Arts degree in this major or they may select the Liberal Arts major. The major consists of 21 units. The following courses are required: Please note that Film Studies 1 (formerly Cinema 9) is intended as a beginning course to introduce students to film studies.

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

Additional courses to total 21 units must be selected from:

Entertainment Technology 61, History of Animation (3)
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 (3,3) (formerly Cinema 2)
Film Studies 9, The Great Film-Makers (3,3) (formerly Cinema 4)
Film Studies 10, Film Criticism and Interpretation (3)
ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of 20 units selected from the following three groups:

GROUP A – MATHEMATICS (MINIMUM OF 3 UNITS)
At least one course required:
- Math – 2, 7, 8, 10, 11, 13, 15, 20, 21, 22*, 26, 28 (formerly 23), 29 (formerly 24), 32 (if completed Fall 2006 or later), 41, 52

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
- Biology – all courses
- Botany – all courses
- Microbiology – all courses
- Nutrition 1, 4
- Physiology – all courses
- Psychology 2
- Zoology 5, 17

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

*Course no longer offered.

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

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/transfer/articulation.

- University of California, Berkeley
  B.A. Geography

- University of California, Riverside
  B.S. Geology

- University of California, Santa Barbara
  B.A. Geographical Sciences
  B.S. Geographical Sciences

- California State University, Northridge
  B.A. Geography

- California State University, San Bernardino
  B.A. Geography

- California Polytechnic State University, San Luis Obispo
  B.S. 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 www.smc.edu/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

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.

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, 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/transfer/articulation.

- University of California, Berkeley
  B.A. Geography

- University of California, Riverside
  B.S. Geology

- University of California, Santa Barbara
  B.A. Geographical Sciences
  B.S. Geographical Sciences

- California State University, Northridge
  B.A. Geography

- California State University, San Bernardino
  B.A. Geography

- California Polytechnic State University, San Luis Obispo
  B.S. 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 www.smc.edu/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

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.

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.
try, pollution remediation, public policy and environmental law. Career titles include meteorologist, oceanographer, seismologist, soil scientist, structural geologist and teacher.

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, 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/transfer/articulation.

- University of California, Berkeley
  B.A. Earth and Planetary Science

- University of California, Davis
  A.B. Geology
  B.S. Geology

- University of California, Santa Barbara
  B.A. Geological Sciences
  B.S. Geological Sciences

- California State University, Northridge
  B.S. Geology
  Geology option
  Environmental Geology option
  Secondary Teaching option

- California Polytechnic State University, San Luis Obispo
  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/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for the Liberal Arts major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students may qualify for an Associate in Arts degree in this major or they may select the Liberal Arts Major. The major consists of 40 units.

The following courses are required:
Graphic Design 18, Introduction to Graphic Design Applications (3)
Graphic Design 31, Graphic Design Studio 1 (2)
Graphic Design 33, Typography Design 1 (2)
Graphic Design 34, Publication and Page Design I (3)
Graphic Design 35, Drawing for Graphic Design (2)
Graphic Design 38, Digital Illustration I (4)
Graphic Design 41, Graphic Design Studio 2 (2)
Graphic Design 51, Graphic Design Studio 3 (2)
Graphic Design 64, Digital Imaging for Design (3)
Entertainment Technology 14, Web Design I (3)
Photo 1, Introduction to Photography (3)

Additional courses to total 40 units are to be selected from:
Graphic Design 21, Electronic Prepress and Publishing (3)
Graphic Design 32, Marker Techniques (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 71, Motion Graphics (3)
Graphic Design 90 A, B, C, Internship (1,2,3)
Entertainment Technology 34, Web Animation I (3)

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

CAREER CERTIFICATE
A Career Certificate in Graphic Design is granted upon completion of the 40-unit major with a grade of C (2.0) or higher in the major courses. Required courses are Graphic Design 18, 31, 33, 34, 35, 38, 41, 51, 64; Entertainment Technology 14 and Photo 1. The remaining Courses must be selected from those in group two of the major above.

Associate in Arts Degree / Department of Design Technology

BASIC CORE CLASSES
Graphic Design 18, Introduction to Graphic Design Applications (3)
Graphic Design 31, Graphic Design Studio 1 (2)
Photography 1, Introduction to Photography (3)
Graphic Design 35, Drawing for Graphic Design (2)

SECOND LEVEL CLASSES
Graphic Design 33, Typography Design 1 (2)
Graphic Design 34, Publication and Page Design 1 (3)
Graphic Design 41, Graphic Design Studio 2 (2)
Graphic Design 64, Digital Imaging for Design (3)

THIRD LEVEL CLASSES
Graphic Design 38, Digital Illustration 1 (4)
Graphic Design 51, Graphic Design Studio 3 (2)
Elective

FOURTH LEVEL CLASSES
Entertainment Technology 14, Web Design I (3)
Elective

ADDITIONAL ELECTIVES
Entertainment Technology 34, Web Animation I; Graphic Design 21, Electronic Pre-Press and Publishing; Graphic Design 32, Marker Techniques; Graphic Design 43, Typography Design 2; Graphic Design 44, Publication and Page Design 2; Graphic Design 50, Graphic Design Portfolio Preparation; Graphic Design 54, Digital Illustration 2; Graphic Design 71, Motion Graphics; Graphic Design 90, Internship

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.

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, 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/transfer/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, Santa Cruz
  B.A. History
- University of California, San Diego
  B.A. History
- University of California, Santa Barbara
  B.A. History
- California State University, Northridge
  B.A. History

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

- Loyola Marymount University
  B.A. History
- Woodbury University
  B.A. Politics and History

ASSOCIATE IN ARTS DEGREE – 60 UNITS
Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for the Liberal Arts major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are list-
ed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

**Interior Architectural Design**

Interior Architectural Design is a program in the applied visual arts that prepares individuals to apply artistic principles and techniques to the professional planning, designing, equipping, and furnishing of residential and commercial interior spaces. It also includes the processes and techniques of designing living, work and leisure indoor environments as integral components of a building system. It includes instruction in drafting and graphic techniques; principles of interior lighting, acoustics, color coordination, furniture, textiles, and applications to office, hotel, factory, restaurant and housing design. Careers include interior designer, architectural color designer, lighting designer and retail merchandiser.

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.

**ASSOCIATE IN ARTS DEGREE – 60 UNITS**

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

There are two levels to the Interior Architectural Design Program:

**LEVEL I** – Interior Architectural Design I: This program leads to multiple careers opportunities in retail and wholesale design. The focus is on design fundamentals, perspective sketching, color, computer-aided design, and materials and products. After the completion of the 24 units program, a Design Certificate is awarded in Interior Architectural Design I.

**LEVEL II** – Interior Architectural Design II: 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, architecture and furniture styles, lighting, advanced computer-aided design, the wholesale trade, and practical internship positions in the industry. A Design Certificate is awarded in Interior Architectural Design II. In addition, a student may also be eligible for the Associate in Arts degree upon completion of Level I, Level II, and specific degree requirements. See www.smc.edu/transfer/articulation for the AA degree's GE requirements.

There are also classes in a series of Recommended Electives for Professional Skills: set design, model building, marker techniques, commercial codes, custom residential design, and technical CAD courses in space planning, working drawings, commercial design, 3D CAD modeling and interior 3D computer rendering with interior architectural animation.

Additionally, there are two Professional Certificates under Interior Architectural Design:

1. Set Design and Art Direction for Film and TV
2. CAD Production and Design

**Level I**

<table>
<thead>
<tr>
<th>Course No./Course name (Prerequisites)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTDSN 30, Fundamentals of Interior Architectural Design: Theory</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 31, Fundamentals of Interior Architectural Design: Lab</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 32, Beginning Drafting for Interior Architectural Design (Manual Drafting)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 33, Interior Architectural Design Careers</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 34, Applied Color and Design Theory</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 35, Computer Aided Design/Drafting (Prerequisite: INTDSN 32 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 36, Interior Materials and Products</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 43, Interior Illustration</td>
<td>3</td>
</tr>
</tbody>
</table>

**Also see Recommended Electives:**

- Students must achieve a grade of C (2.0) or higher in each Interior Architectural Design Program Course to receive a certificate.
- Students can cross levels and take any class or Recommended Elective at any time in the two Levels if no prerequisite is required.
- Students must achieve a grade of C (2.0) or higher in each Interior Architectural Design Program Course to receive a certificate.

**TOTAL LEVEL I UNITS**

- If a student has previous skills, a waiver for the equivalent course is possible.
- Students can cross levels and take any class or Recommended Elective at any time in the two Levels if no prerequisite is required.
- Students must achieve a grade of C (2.0) or higher in each Interior Architectural Design Program Course to receive a certificate.

**Level II**

<table>
<thead>
<tr>
<th>Course No./Course name (Prerequisites)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTDSN 38, Advanced Computer Aided Design/ Drafting (formerly INTDSN 53) (Prerequisite: INTDSN 32, 35, or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 41, History of Interior Architecture and Furniture I or INTDSN 60, Contemporary Furniture or INTDSN 66, Visual History of American Housing</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 42, History of Interior Architecture and Furnishings II or INTDSN 60, Contemporary Furniture or INTDSN 66, Visual History of American Housing</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 44, Fundamentals of Lighting (Prerequisite: INTDSN 30 and 32 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 47, Business and Professional Practice (Prerequisite: INTDSN 33 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 51, Rapid Visualization (Prerequisite: INTDSN 43 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 90B, Internship (Prerequisite: Instructor’s approval of internship prior to enrollment)</td>
<td>2</td>
</tr>
</tbody>
</table>

**TOTAL LEVEL II UNITS** 20

**Recommended Electives for Professional Skills**

<table>
<thead>
<tr>
<th>Course No./Course name (Prerequisites)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTDSN 37, Set Design and Art Direction for Film and TV</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 49, Trade Resources for Film and TV</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 40, CAD Space Planning (Prerequisite: INTDSN 32)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 45, CAD Commercial Design (Prerequisite: INTDSN 34 and 40 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 46, CAD Working Drawings (Prerequisite: INTDSN 32, 35, 38, or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 50, Code and Specifications</td>
<td>3</td>
</tr>
<tr>
<td>INTDSN 52, Production Design for Film and TV (Prerequisite:</td>
<td></td>
</tr>
</tbody>
</table>

Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements.

For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.
### PROFESSIONAL CERTIFICATE PROGRAMS

#### Set Design and Art Direction for Film and TV

<table>
<thead>
<tr>
<th>Course No./Course name (Prerequisites)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTDNS 32, Beginning Drafting for Interior Architectural Design</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 37, Set Design and Art Direction for Film/TV</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 42, History of Interior Arch &amp; Furniture II</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 43, Interior illustration</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 49, Trade Resources for Film/TV</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 51, Rapid Visualization (Prerequisite: INTDNS 43 or Equivalent)</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS 18

#### Recommended Electives

<table>
<thead>
<tr>
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<tbody>
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<td>3</td>
</tr>
<tr>
<td>INTDNS 41, History of Interior Architecture and Furniture I</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 52, Production Design for Film/TV (Prerequisite: INTDNS 32 and 43 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 60, Contemporary Furniture</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 62, Model Building (Prerequisite: INTDNS 32 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 64, Interior Marker Techniques</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 66, Visual History of American Housing</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 70, Interior 3D Computer Rendering/Animation (Prerequisite: INTDNS 35 and 43 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 90C, Internship (Prerequisite: Instructor's approval of internship prior to enrollment)</td>
<td>3</td>
</tr>
</tbody>
</table>

• Students must achieve a grade of C (2.0) or higher in each Program Course to receive a Professional Certificate in Set Design and Art Direction for Film and TV.

#### Academy of Art University San Francisco

Please note that this institution is NOT regionally accredited. See a counselor for details.

B.F.A. Advertising

### CAD Production and Design

<table>
<thead>
<tr>
<th>Course No./Course name (Prerequisites)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTDNS 35, Computer Aided Design/Drafting (Prerequisite: INTDNS 32)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 38, Advanced Computer Aided Design/Drafting (formerly INTDNS 53) (Prerequisite: INTDNS 32, 35, or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 40, CAD Space Planning (Prerequisite: INTDNS 32, 35, or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 46, CAD Working Drawings (Prerequisite: INTDNS 32, 35, 38, or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 57, Interior 3D CAD Modeling (Prerequisite: INTDNS 38 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 70, Interior 3D Computer Rendering/Animation (Prerequisite: INTDNS 35 and 43 or Equivalent)</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS 18

### Electives

<table>
<thead>
<tr>
<th>Course No./Course name (Prerequisites)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTDNS 43, Interior Illustration</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 45, CAD Commercial Design (Prerequisite: INTDNS 34 and 40 or Equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 50, Codes and Specifications</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 51, Rapid Visualization (Prerequisite: INTDNS 43)</td>
<td>3</td>
</tr>
<tr>
<td>INTDNS 90B, Internship (Prerequisite: Instructor's approval of internship prior to enrollment)</td>
<td>2</td>
</tr>
</tbody>
</table>

NOTE: If you have previous skills (for example; Beginning Drafting) a waiver for the equivalent course is possible.

### 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/transfer/articulation.

#### California State University, Long Beach

B.F.A. in Arts (Design)

Interior Design Option:

#### California State University, Northridge

B.S. Family and Consumer Science

Interior Design option:

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

#### Academy of Art University San Francisco

Please note that this institution is NOT regionally accredited. See a counselor for details.

B.F.A. Interior Design

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

Journalism education emphasizes the training of writers, reporters, and editors for mass media. It also seeks to prepare and guide students interested in pursuing careers in a wide range of informational, interpretative, and promotional mass communication fields. Career opportunities for journalism graduates include advertising, book editing and publishing, freelance writing, industrial journalism, magazines, mass communication research, news agencies, newspapers, public relations, radio, television and teaching.

The 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, 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/transfer/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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- University of Southern California (USC)
  B.A. Print Journalism
  B.A. Broadcast Journalism
  B.A. Public Relations

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

Transfer students may qualify for an Associate in Arts degree in this major or they may select the Liberal Arts major.

The major consists of 20 units.

The following courses are required:

- Journalism 1, The News (3)
- Journalism 8, Writing to Sell (3,3)
- Journalism 16, Producing the Campus Newspaper (4,4)

Students choose at least one course that must be taken from each group:

GROUP A
- Journalism 3, Editing (3)
- Journalism 17, Editing the Campus Newspaper (2,2)
- Journalism 18, Opinion Writing (3)
- Journalism 19, Online Newspaper (3,3)
- Journalism 20, Producing Magazines for the Web (3,3)
- Journalism 43, Public Relations and Publicity (3)
- Journalism 90, Internship (2,2,2)

GROUP B
- CIS 59A, Dreamweaver I (3)
- CIS 60A, Photoshop I (3)
- Journalism 21, News Photography (3,3)
- Journalism 22, Photography for Publication (3,3)
- Graphic Design 21, Electronic Pre-Press and Publishing (3)
- Graphic Design 31, Graphic Design Studio (2, 2)
- Graphic Design 34, Publication and Page Design 1 (3)
- Graphic Design 54, Digital Illustration 2 (3)
- Graphic Design 64, Digital Imaging for Design (3)
- Photography 13 (same as Journalism 21), News Photography (3)
- Photography 14 (same as Journalism 22), Photography for Publication (3)

GROUP C
- Communication 1, Survey of Mass Media (3)
- Communication 2, Reading Media: Acquiring Media Literacy Skills (3)
- Communication 10, Journalism, Gender and Race (3)

Kinesiology

Physical Education

Physical Education prepares people to teach or coach sports for all age levels. Kinesiology or Physiological Science can lead to careers in physical therapy, athletic training, exercise physiology and sports medicine.

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, 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/transfer/articulation.
Major Requirements

- **University of California, Davis**
  A.B. Exercise Science
  B.S. Exercise Science

- **California State University, Dominguez Hills**
  B.A. Physical Education

- **California State University, Long Beach**
  B.S. Kinesiology
  Athletic Training option
  Exercise Science option
  Fitness option
  Kinesiotherapy option
  Physical Education option
  Sport Psychology and Coaching option

- **California State University, Los Angeles**
  B.S. Kinesiology
  Exercise and Nutrition option
  B.S. Kinesiology
  Dance concentration

- **California State University, Northridge**
  B.S. Kinesiology
  Athletic Training option
  Exercise Science option
  Physical Education option

Santa Monica College has articulation agreements for this major (see www.smc.edu/transfer/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, 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/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

Transfer students may qualify for an Associate in Arts degree in this major or they may select the Liberal Arts or General Science Major.

The major consists of 28 units.

The following courses are required:
- Anatomy 1, Human Anatomy (4)
- Physiology 3, Human Physiology (4)
- PRO CR 10, Introduction to Kinesiology (3)
- PRO CR 11, Introduction to Sports Injuries (3)
- Math 22, College Algebra (3) or Math 52, Elementary Statistics (3)
- Psychology 1, General Psychology (3)
- Sociology 1, Introduction to Sociology (3)
- Choose one from: Chemistry 10, Introduction General Chemistry (5); Physics 14, Introductory Physics with Lab (4); Physics 6, General Physics (4); Physics 8, General Physics with Calculus (4)

Additional courses to total 28 units must be selected from:
- Dance 20, Ethnic Dance (1,1)
- Dance 22, Mexican Dance (2,2)
- Dance, 27, Brazilian Dance (2,2)
- Dance 31, Ballet (1,1)
- Health 10, Fundamental of Healthful Living (3)
- Kinesiology PE 3, Introduction to Exercise Physiology (3)
- PRO CR 1, Basketball, Volleyball, Softball (2)
- 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 Instruction (3)
- PRO CR 15, Sports Management (3)
- PRO CR 29A, Officiating Fall Sports (3)
- PRO CR 29B, Officiating Spring Sports (3)

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

Liberal Arts

This major provides a broad education that can be used in many different careers and industries. Liberal arts studies include English, Speech, Arts and Humanities, Science, Social Science and Physical Education. Elementary school teachers often major in liberal arts. Some additional career options to consider exist in advertising, business, health administration, human resources management, politics, education, government, computers, writing and editing.

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.

If you require any additional information on Teacher Preparation please see the Teacher Preparation section.

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/transfer/articulation.

- **University of California, Riverside**
  B.A. Liberal Studies

- **California State University, Dominguez Hills**
  B.A. Liberal Studies
  Art option
  Math option

- **California State University, Long Beach**
  B.A. Liberal Studies
Major Requirements

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of 20 units selected from the following three groups.

GROUP A, Mathematics-Science (at least two courses required)

- Anatomy – all courses; Anthropology 1, 5, 9; Astronomy – all courses; Biology – all courses; Botany – all courses; Chemistry – all courses; Geography 1, 3, 5; Geology – all; Math 2, 7, 8, 10, 11, 13, 15, 20, 21, 22, 26, 28 (formerly 23), 29 (formerly 24), 32 (if completed Fall 2006 or later), 41, 52; Microbiology – all courses; Nutrition 1, 4; Physics – all courses; Physiology – all courses; Psychology 2; Zoology – all courses

*Course no longer offered

GROUP B, Humanities (at least two courses required)

American Sign Language 1; Architecture 50 (same as Art 6), 51 (same as Art 7); Art 1, 2, 3, 4, 5, 6 (same as Architecture 50), 7 (same as Architecture 51), 8, 9, 10A, 10B, 13, 20A, 20B, 40A, 40B, 71, 72, 73 (same as Photography 52), 79; Cinema (see Film Studies); Dance 2, 5; English 2, 3, 4, 5, 6, 7, 8, 10, 11 (same as Film Studies 11), 12*, 14, 15, 17, 18, 25*, 26 (same as Humanities 26), 27A-Z*, 32 (same as History 30), 34, 38, 39, 40, 41, 45, 50, 51 (same as Religious Studies 51), 52, 53, 54, 55, 56, 57, 58, 59; Entertainment Technology 61 (same as Graphic Design 74); Film Studies 1 (formerly Cinema 9), 2 (formerly Cinema 1), 5 (formerly Cinema 5), 6 (formerly Cinema 8), 7 (formerly Cinema 7), 9 (formerly Cinema 4), 11 (same as English 11); Foreign Language 1, 2, 3, 4, 8; Graphic Design 74 (same as Entertainment Technology 61); History 48 (same as Philosophy 48); Humanities 26 (same as English 26); Interior Architectural Design 41; Music 1, 30, 31, 32, 33, 34, 35, 36, 37, 39, 60A*, 60B*; Philosophy 1, 2, 3, 4, 5, 6, 10, 11, 22 (same as Religious Studies 22), 23 (same as Religious Studies 23), 24, 41, 48 (same as History 48), 51 (same as Political Science 51), 52; Photo 52 (same as Art 73); Political Science 51 (same as Philosophy 51), 52 (same as Philosophy 52); Religious Studies 22 (same as Philosophy 22), 23 (same as Philosophy 23), 51 (same as English 51), 52 (same as English 52); Spanish 9, 11, 20; Speech 4; Theatre Arts 2, 5, 7, 41

*(2 units)

GROUP C, Social Science (at least two courses required)

Anthropology 2, 3, 4, 7, 22; Communication 10: Early Childhood Education 18 (same as Psychology 18); Economics – all courses; Geography 2, 7 (same as Environmental Studies 7), 8 (same as Urban Studies 8), 14; History – all courses except History 48 (same as Philosophy 48); Nutrition 2; Political Science 1, 2, 5, 7, 8, 11, 14, 21, 22, 23, 28, 47; Psychology 1, 3, 6, (formerly Home Economics 6), 11 (formerly cross-listed with Child Development 1), 13, 14, 18 (same as Early Childhood Education 18), 25; Sociology – all courses; Speech 7; Women’s Studies 10, 20

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are available online at www.smc.edu/transfer/articulation or in the SMC Transfer/ Counseling Center.

AMERICAN CULTURES*

Art 72; Business 51 (if completed Fall 2007 or later); Cinema 7 (see Film Studies); Communications 10; Dance 2; Early Childhood Education 18 (formerly Child Development 18) (same as Psychology 18), 60; English 10; Film Studies 7 (formerly Cinema 7); Geography 14; History 10; Music 33 (if completed Fall 2005 or later), 37; Nutrition 7; Political Science 21; Psychology 18 (same as ECE18); Sociology 34; Speech 4. (These courses will also satisfy GE areas IIB and/or III. These courses are marked in bold/underlined).

*Students who entered SMC 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).

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.

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, 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/transfer/articulation.

- University of California, Berkeley
  A.B. Mathematics
  A.B. Statistics

- 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
  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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- Loyola Marymount University
  B.A. Mathematics
  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/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

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.

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, 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/transfer/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
  B.A. Music

- University of California, San Diego
  Music/Humanities B.A.
  Music: Interdisciplinary Computing in the Arts, B.A.

- California State University, Monterey Bay
  B.A. Music

- California State University, Northridge
  B.A. Music
  B.F.A. Music

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

Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements.

For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.
ASSOCIATE IN ARTS DEGREE IN APPLIED MUSIC – 60 UNITS

The major consists of 39 units minimum:

The following courses are required:
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, 42, 45, 52, 53, 55, 59, 64, 74, 76, 77, 78

Select 4 units from:
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)

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, 42, 45, 52, 53, 55, 59, 64, 74, 76, 77, 78

12 units required:
Music 92, Applied Music (2)-four semesters
Music 94, Concert Music (1)-four semesters

Recommended courses:
Music 30, Music History I (3)
Music 31, Music History II (3)

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/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 in Arts degree in order to graduate from this program (exception: LVN 30 unit option). Upon completion, graduates are eligible to apply to take the National Council Licensing Examination to become a Registered Nurse. Students must achieve a minimum grade of C (2.0) in all prerequisite courses, as well as, each nursing course in order to remain enrolled and complete the program. A grade of C (2.0) or higher must also be maintained in all other required courses in the nursing curriculum.

Enrollment is open to both men and women who meet the following requirements: a 2.5 overall grade point average (GPA) or higher AND no more than ONE repeat in any of the prereq-
Major Requirements for Transfer Change Frequently. Please Access ASSIST at www.assist.org for the Most Up-to-Date Requirements.

For the Most Up-to-Date AA and Career Certificate Requirements, Visit www.smc.edu/transfer/articulation.
Nursing 25L, Advanced Medical/Surgical Nursing (2.5)
**Nursing 28, Nursing 16 and Nursing 25L must be taken concurrently with Nursing 25**

**Level 4: 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 taken Math to meet the Santa Monica College AA degree’s general education requirements must take the Math Proficiency Assessment prior to receiving the degree. Students may complete this assessment any time within one year of their anticipated graduation date.

**CURRICULUM 30-UNIT OPTION – NO ASSOCIATE IN ARTS 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 AA 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:
High School Chemistry or Chemistry 10

Prerequisites (with a grade of C or higher): 11 units
Physiology 3, Human Physiology (4)
Microbiology 1, Introduction (5)
Nursing 19, Orientation for Advanced Placement in ADN Program (2)

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

**Level 3: 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: 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)

**AMERICAN CULTURES REQUIREMENTS**
*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).*

**AA 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 in Arts 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 in Arts 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**
NLN Accrediting Commission
61 Broadway, 33rd Floor
New York, New York 10006
(212) 363-5555

California Board of Registered Nursing
400 R Street, Suite 4030
Sacramento, CA 95814
(916) 322-3350
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/transfer/articulation.

- **University of California, Los Angeles**
  B.S. Nursing
  The UCLA School of Nursing offers undergraduate study leading to the Bachelor of Science (B.S.) degree in Nursing for students who are already licensed as a Registered Nurse. The focus of the curriculum is on community-based nursing care and cultural and human diversity. The B.S. program provides a bridge for students who wish to prepare for advanced practice study at the graduate level. An associate degree or diploma in nursing, licensure as a registered nurse, and a maximum of 74 transferable prerequisite units from the community college are required for acceptance to the School of Nursing. Also required is successful completion of four standardized competency screening examinations (Fundamentals of Nursing, Adult Nursing, Maternal and Child Nursing-AD and Psychiatric/Mental Health Nursing) from Excelsior College for 30 transfer credits. The baccalaureate program in nursing extends over a period of four quarters of full time day study and two summers. A total of 180 units are required for the B.S. degree. A minimum of 76 units must be completed in residence at UCLA.

  Applicants to the UCLA School of Nursing do not need to complete the IGETC requirements.

  Please see www.nursing.ucla.edu for more information.

B.S. Nursing-Generic/Prelicensure

- **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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- **Mills College**
  Pre-Nursing Program

- **Mount St. Mary’s College**
  B.S. Nursing

- **National University**
  B.S. Nursing

**Nutrition and Dietetics**

The Nutrition and Wellness AA is designed for the student who is planning to transfer to a four-year baccalaureate degree program in Dietetics/health-related course of study or to satisfy the needs of other professionals requiring a college background in the nutritional sciences.

For those completing the program and opting not to transfer, there are job opportunities in hospitals, nursing homes, health spas, school lunch programs, food companies, regulatory agencies and educational programs.

The AA 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/transfer/articulation.

- **University of California, Berkeley**
  B.S. Nutritional Sciences and Toxicology: The Department of Nutritional Sciences is one of four departments in the College of Natural Sciences.

  The Division of Nutritional Sciences and Toxicology offers one undergraduate degree, Nutritional Sciences, with three tracks: Physiology and Metabolism (Track I), Dietetics (Track II), and Toxicology (Track III).

  **TRACK I:** Combines a strong foundation in the natural sciences with advanced course work in nutrition, the biochemical and physiological study of nutrient utilization, and food science, the properties of food materials.

  **TRACK II:** Approved by the American Dietetic Association as a Dietetic Program in Dietetics, emphasizes the application of the knowledge of nutrition through dietetic practice.

  **TRACK III:** Provides students with a strong background in the biological and chemical sciences with advanced course work focusing on nutrition and toxicology and the biochemical and physiological study of the adverse effects of nutrients and non-nutrients in the diet.

  **NOTE:** Transfer students must fulfill all lower-division major requirements before entering Berkeley. If course articulation is not established with your college, it is recommended that you contact a major adviser at Berkeley. IGETC IS NOT AN ACCEPTABLE ALTERNATIVE.

  For more information, please contact:

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Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements.

For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.
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.

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.

ASSOCIATE IN ARTS DEGREE IN GENERAL OFFICE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

Students may qualify for an Associate in Arts degree in this major. The suggested program assumes no previous instruction in Office Technology classes. Beginning classes may be waived if students have sufficient skills to make them eligible for the advanced courses.

Each course listed below must be completed with a grade of C (2.0) or higher.

Required courses:
- Accounting 1, 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 with Business Applications (3)
- OFTECH 5, English Skills for the Office (3) or OFTECH 5A, Grammar (1) and OFTECH 5B, Vocabulary (1) and OFTECH 5C, Proofreading (1)

Select 3 units from the following keyboarding courses:
- OFTECH 1, Keyboarding 1 (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1,1,1)
- OFTECH 10, Skill Building on the Keyboard (3)

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

CAREER CERTIFICATE

General Office (Required courses: 27-29 units)

The General Office Certificate 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, 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.

DEPARTMENT CERTIFICATE OF COMPLETION

Clerical/Data Entry (12 units required)

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.

Each course listed below must be completed with a grade of C (2.0) or higher.
- 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) or OFTECH 5A, Grammar (1) and OFTECH 5B, Vocabulary (1) and OFTECH 5C, Proofreading (1)
Major Requirements

**Medical Billing/Coding (15 units required)**

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.

Each course listed below must be completed with a grade of C (2.0) or higher.

- CIS 30, Microsoft Excel (3)
- OFTECH 20, Medical Vocabulary (3)
- OFTECH 23, MediSoft (3)
- OFTECH 24, Medical Coding/Billing (3)

Select 3 units from the following keyboarding courses:

- OFTECH 1, Keyboarding 1 (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1,1,1)
- OFTECH 10, Skills Building on the Keyboard (3)

**Medical Transcription (15 units required)**

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 particularly flexible career that lends itself easily to many different work styles. Medical transcriptionists work in hospitals, physician’s 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.

Each course listed below must be completed with a grade of C (2.0) or higher.

- OFTECH 5, English Skills for the Office (3) or OFTECH 5A, Grammar and Punctuation (1) and OFTECH 5B, Spelling and Vocabulary (1) and OFTECH 5C, Proofreading (1)
- CIS 37A, Microsoft Word I (3)
- CIS 37B, Microsoft Word II (3)

Select 3 units from the following keyboarding courses:

- OFTECH 1, Keyboarding 1 (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1,1,1)
- OFTECH 10, Skill Building on the Keyboard (3)

**Word Processing (15 units required)**

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, and advanced word processing techniques. Additional courses include proofreading, basic computer concepts, Internet & e-mail skills, and electronic file management.

Each course listed below must be completed with a grade of C (2.0) or higher.

- CIS 4, Introduction to Computers with Business Applications (3)
- OFTECH 5, English Skills for the Office (3) or OFTECH 5A, Grammar and Punctuation (1) and OFTECH 5B, Spelling and Vocabulary (1) and OFTECH 5C, Proofreading (1)
- CIS 37A, Microsoft Word I (3)
- CIS 37B, Microsoft Word II (3)

Select 3 units from the following keyboarding courses:

- OFTECH 1, Keyboarding 1 (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1,1,1)
- OFTECH 10, Skill Building on the Keyboard (3)

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**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.

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, and private institutions. Exact major requirements for these and other UC and CSU majors can be found online at www.assist.org. Articulation agreements change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements.

For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.
ments with private institutions can be found online at

www.smc.edu/transfer/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

- California State University, Northridge
  B.A. Philosophy

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

- Loyola Marymount University
  B.A. History

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/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should select either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

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.

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

- Academy of Art University San Francisco
  Please note that this institution is NOT regionally accredited. See a counselor for details.
  B.F.A. Photography

- Brooks Institute of Photography
  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 at www.smc.edu/transfer/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, 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/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of 36 units.

The following courses are required:
Art 10A, Design I (3)
Photography 2, Basic Photography Lab Techniques (2)
Photography 3, Commercial Photography Techniques (6)
or Photography 3A, Commercial Photography Techniques 1 (3) and Photography 3B, Commercial Photography Techniques 2 (3)
Photography 4, Portrait Photography (3)
Photography 5, Advanced Commercial Photography (8)
Photography 39, Beginning Photoshop (3)
Photography 43, Beginning Portfolio Development (3)

Additional courses to total 36 units and recommended electives may be selected from:
Photography 1, Introduction to Photography (3)
Photography 2, Basic Photography Lab Techniques (2)
Photography 7, Advanced Portfolio Development (3)
Photography 9, Advanced Photography of People (3)
Photography 11, Color Transparency Photography (2)
Photography 13, News Photography (3)
Photography 14, Photography for Publication (3)
Photography 24, Photo-Graphics (2)
Photography 37, Advanced Black and White Printing (3)
Photography 40, Digital Capture (3)
Photography 42, Advanced Photoshop (3)
Photography 50, Basic Color Printing
Photography 51, Printing from Positive Materials (3)
Photography 52, History of Photography (3)
Photography 90A, B, C, Internship (1, 2, 3)

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

CAREER CERTIFICATE

A Career Certificate in Photography is granted upon completion of 42 units with a grade of C or higher in each course. Required courses are Photography 3, 4, 6, 39, 40, 42, 43 and Art 10A. The remaining courses must be selected from those in group two of the major 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.

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, 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/transfer/articulation.

- **University of California, Berkeley**
  - B.A. Physics
- **University of California, Davis**
  - B.S. Applied Physics
  - A.B. Physics
  - B.S. Physics
- **University of California, Irvine**
  - B.S. Math
- **University of California, Los Angeles**
  - B.S. Physics
  - A.B. General Physics
- **University of California, Riverside**
  - B.A. Physics
  - B.S. Physics
- **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 with the following private and out-of-state institutions:

- **Loyola Marymount University**
  - B.S. Physics

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/transfer/articulation).

**ASSOCIATE IN ARTS DEGREE – 60 UNITS**

Transfer students in this major who wish to qualify for an Associate in Arts degree should complete the requirements for the Liberal Arts major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

**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寻求. Some career titles include lawyer, politician or director of polling and survey projects.

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, 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/transfer/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
  - B.A. Political Science-International Relations
  - B.A. Political Science-Public Service
- **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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- **Loyola Marymount University**
  B.A. Political Science

- **Mills College**
  B.A. Political, Legal & Economic Analysis

General education requirements for the University of California, California State Universities and other local universities are listed in the Academics section of this catalog.

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Political Science transfer students who wish to qualify for an Associate in Arts degree may refer to the Liberal Arts Associate in Arts advisement section.

**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.

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, 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/transfer/articulation.

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

- **University of California, Davis**
  Psychology B.A.
  Psychology B.S. (Biology)
  Psychology B.S. (Mathematics)

- **University of California, Irvine**
  B.A. Psychology
  B.A. Psychology and Social Behavior

- **University of California, Los Angeles**
  Psychology B.A.
  Psychobiology B.S.
  Cognitive Science B.S.

- **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/transfer/articulation for exact requirements) with the following private and out-of-state institutions:

- **Alliant International University**
  B.A. Psychology

- **Loyola Marymount University**
  B.A. Biology

  General education requirements are available online at www.smc.edu/transfer/articulation or in the Transfer/ Counseling Center.

- **Mills College**
  Biopsychology
  Psychology

- **National University**
  B.A. Psychology

- **Woodbury University**
  B.A. Psychology

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/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should select either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

**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 classes are offered on the SMC campus (except Respiratory Therapy 2). Students must have taken one year of HS algebra and chemistry or they must take the college equivalent courses (Math 31 and Chemistry 10). Physiology 3 and Microbiology 1 must be completed within 7 years of start of RES TH 1. Students accepted into the clinical phase of the program, starting with the second-year summer session (RT 15) enroll in a combination of lecture, laboratory, and clinical courses offered on the ELAC campus, and taught by a combination of ELAC and SMC faculty. 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). A typical sequence of courses is demonstrated below:

**ASSOCIATE IN ARTS DEGREE – 60 UNITS**

**First Year**

**SUMMER SESSION**
- Two General Education Courses* (6)
- Summer Session Unit Subtotal: 6

**FIRST SEMESTER**
- RES TH 1, Introduction to Respiratory Therapy (2)
- RES TH 29, Neonatal/Pediatric RT (4)
- RES TH 60, Respiratory Physiology (4)
- MCRBIO 1, Fundamentals of Microbiology (5)
- First Semester Unit Subtotal: 15

**SECOND SEMESTER**
- RES TH 2, Fundamentals** (4)
- RES TH 70, Pathophysiology (4)
- RES TH 30, Adult Critical Care Monitoring (3)
- PHYSCS 12, Introductory Physics (3)
- Second Semester Unit Subtotal: 14

**TOTAL UNITS – FIRST YEAR: 35**

* General Education requirements may vary according to math and English placement results. GE 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 GE program planning.

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

**Second Year**

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

**SUMMER SESSION**
- RES TH 15, Introduction to Clinical Experience (4)
- Summer Session Unit Subtotal: 4

**THIRD SEMESTER**
- RES TH 3, Application of Respiratory Therapy and Clinical Experience I (5)
- RES TH 4, Application of Respiratory Therapy and Clinical Experience II (5)
- Two General Education Courses* (6)
- Third Semester Unit Subtotal: 17

**FOURTH SEMESTER**
- RES TH 5, Application of Respiratory Therapy and Clinical Experience III (5)
- RES TH 11, Application of Respiratory Therapy and Clinical Experience IV (5)
- RES TH 28, Physician Clinical Rounds, Critical Thinking Lab 2 (1)
- General Education Course* (3)
- Fourth Semester Unit Subtotal: 18

**TOTAL UNITS – SECOND YEAR: 35**

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.

**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.

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, 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/transfer/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, Long Beach
  B.A. Sociology
  B.A. Social Work

• 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, Northridge
  B.A. Sociology

• California Polytechnic State University, San Luis Obispo
  B.A. Sociology

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

• Loyola Marymount University
  B.A. Sociology

• 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/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Transfer students in this major who wish to qualify for an Associate in Arts degree should select either the Liberal Arts major or the General Science major. Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

ASSOCIATE IN ARTS DEGREE – 60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of 20 units.

The following courses are required:

Communication 1, Survey of Mass Media (3)
Speech 1, Elements of Public Speaking (3)
Speech 3, Voice and Diction (3)
Speech 5, Interpersonal Communication (3)
Speech 11, Argumentation (3)

Additional courses to total 20 units must be selected from:

Broadcasting 3A, Broadcast Announcing and Production (3)
Broadcasting 4A, Broadcast Newswriting/Newscasting (3)
Broadcasting 4B, Advanced Broadcast Newswriting/Newscasting (3)
Broadcasting 5A, Sportscasting Fall Sports (3)
Broadcasting 5B, Sportscasting Spring Sports (3)
Broadcasting 5C, Sportscasting Summer Sports (3)
Communication 2, Reading Media: Acquiring Media Literacy Skills (3)
Humanities 88, Independent Studies for Speech (1-2)
Speech 2, Persuasion (3)
Speech 4, Oral Interpretation: Performing Literature Across Cultures (3)

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, 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/transfer/articulation.

• California State University, Long Beach
  B.A. Speech

• California State University, Northridge
  B.A. Communication Studies

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

• Loyola Marymount University
  B.A. Communication Studies

• Woodbury University
  B.A. Communications

Speech

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 public relations specialist, news producer, speech/language pathologist, speechwriter, advertising account executive, media manager, human resources manager, mediator, special events coordinator and development officer/fund raiser.

Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements.

For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.
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.

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, 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/transfer/articulation.

- **University of California, Los Angeles, School of Theater, Film & Television**
- **University of California, Riverside**
- **University of California, San Diego**
- **University of California, Santa Barbara**
  B.A. Theatre
- **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 Arts

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

- **Loyola Marymount University**
  B.A. Theatre Arts

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/transfer/articulation).

**ASSOCIATE IN ARTS DEGREE – 60 UNITS**

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment.)

The major consists of 20 units.

- **The following courses are required:**
  - Theatre Arts 5, History of World Theatre (3)
  - Theatre Arts 10A, Voice Development for the Stage (3,3)
  - 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 (3,3,3)
  - Theatre Arts 41, Acting 1 (3,3,3,3)

One course must be selected from:

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

One course must be selected from:

- Theatre Arts 15, Stage Movement for the Performer (1)
- Theatre Arts 42, Acting II (3,3,3,3)
- Theatre Arts 43, Acting, Historical Styles-Early (3,3,3)
- Theatre Arts 44, Acting, Historical Styles-Late (3,3)
- Theatre Arts 45, Musical Theatre Workshop (3,3,3,3)
- Theatre Arts 50, Advanced Production: Full Length Play (3,3,3,3)
- Theatre Arts 52, Advanced Production: Musical Theatre (5,5,5,5)
- Theatre Arts 54, Advanced Production: Summer Theatre (6,6)

**Recommended electives:**

- Theatre Arts 10B, 15B, 34, 38A, 53, 55

Additional graduation requirements for the Associate in Arts degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to www.smc.edu/transfer/articulation).

**Women’s Studies**

The Women’s Studies major studies the history, sociology and politics of women in society. The major 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 major can lead to a variety of careers including a community organizer, political lobbyist and political strategist.

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.
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/transfer/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. Women Studies

- University of California, Riverside
  B.A. Women Studies

- University of California, San Diego
  B.A. Women Studies

- University of California, Santa Barbara
  B.A. Women Studies

- California State University, Northridge
  B.A. Women's Studies

- San Diego State University
  B.A. Women's Studies

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

- Loyola Marymount University
  B.A. Women's Studies

ASSOCIATE IN ARTS DEGREE–60 UNITS

Students must complete major requirements in effect at the time enrollment begins or major requirements in effect at graduation as long as continuous enrollment is maintained. (See page 42 for definition of continuous enrollment).

The major consists of 22.5 units.

CATEGORY 1: AREA OF CONCENTRATION
Students must take all four of the following courses for a total of twelve (12) units:
- Anthropology 14, Sex, Gender and Culture (3)
- History 52, Women and American Culture (3)
- Sociology 33, Sociology of Sex and Gender (3)
- Women's Studies 10, Introduction to Women's Studies (3)

CATEGORY 2: RELATED DISCIPLINES
Additional 9 units, one from each of the following areas:

Area 1:
- Communications 10, Journalism, Gender and Race (3)
- English 39, Images of Women in Literature (3)
- Speech 7, Inter-Cultural Communications (3)

Area 2:
- Anthropology 2, Cultural Anthropology (3)
- Psychology 25, Human Sexuality (3)
- Sociology 1, Introduction to Sociology (3)
- Sociology 12, Sociology of the Family (3)

Major requirements for transfer change frequently. Please access ASSIST at www.assist.org for the most up-to-date requirements.

For the most up-to-date AA and Career Certificate requirements, visit www.smc.edu/transfer/articulation.