

Department Award Requirements

A student must complete each of the required courses (or use substitution options) with a grade of “C” or better.

Department Requirements (Total Department Units: 19.8)

| <i>Current Course No.</i> | <i>Previous Course No.</i> | <i>Title</i> | <i>Units</i> | <i>Institution & Course No.</i> | <i>Grade</i> | <i>Units (s/q)</i> | <i>Term</i> |
|---------------------------|----------------------------|--|--------------|-------------------------------------|--------------|--------------------|-------------|
| • BIOL 124♦ | (24) | Biological Oceanography | 4.0 | | | | |
| • BIOL 125* | (25) | Marine Biology | 4.0 | | | | |
| • EARTH 151 | (EARTH 151/2) | Introductory Physical Oceanography | 3.0 | | | | |
| • EARTH 151L | (EARTH 151L/2L) | Introductory Physical Oceanography Lab | 1.0 | | | | |
| • EARTH 152 | (EARTH 152/19) | Weather and Climate OR | 3.0 | | | | |
| GEOG 152 | (none) | Weather and Climate | 3.0 | | | | |
| • HE 103# | (3) | Responding to Medical Emergencies | 2.0 | | | | |
| • MDT 101 | (none) | Information and Introduction to MDT | 0.3 | | | | |
| • MDT 108 | (none) | Rigging | 1.0 | | | | |
| • MDT 109 | (none) | Seamanship and Small Boat Handling | 1.5 | | | | |

Plus completion of a Basic SCUBA Diving Certification. Students interested in a Marine Biology major should take the Biological Sciences majors sequence.

Substitutions:

♦ The completion of BIOL 142 can be substituted for BIOL 124.

* The combination of BIOL 101(10A) - Plant Biology, and BIOL 102(10B) - Animal Biology can be substituted for the required Biology 125 (25) course.

The completion of EMT 110 (AH 110/HT 110) - Emergency Medical Technician-Basic can be substituted for the required Health Education 103 (3) course.

Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Adam Green, Department Chair, 965-0581, Ext. 2394, or Michelle Paddack, 965-0581, Ext. 2328.

Associate Degrees and Certificates of Achievement (In alphabetical order) - For a complete list of programs of study (associate degrees, certificates, skills competency awards and department awards) and requirements, go to http://www.sbcc.edu/appl/degreess_certificates.php.

Accounting (AS)
 Accounting/Assistant Bookkeeper IV (C)
 Administration of Justice (AA/AS/C)-3 emph. avail (AS&C), 1(AA)
 Administration of Justice for Transfer (AS-T)
 Alcohol and Drug Counseling (AA/C)
 American Sign Language (AA)
 Animation and Gaming (AA/C)
 Anthropology (AA)
 Anthropology for Transfer (AA-T)
 Applied Photography (AA/C)
 Art (AA) - 2 emphases available
 Art History for Transfer (AA-T)
 Associate Child Care Teacher (C)
 Automotive Services & Technology (AS/C)

Biological Sciences (AA)
 Black Studies (AA)
 Business Administration (AA/C) – 3 emphases available for AA, 2 for C
 Business Administration for Transfer (AS-T)

Cancer Information Management (AS/C)
 Chemistry (AA)
 Chicano Studies (AA)
 Commercial Music (C)
 Communication (AA) - 2 emphases available
 Communication Studies for Transfer (AA-T)
 Computer App. & Office Mgmt (AS/C) - 2 emphases available
 Computer Information Systems (AS) – Emph. in System Admin. available
 Computer Network Engineering (AS/C)
 Computer Science (AS/C)
 Construction Technology (AS/C)
 Cosmetology (AS/C)
 Creative Writing (C) – 2 emphases available
 Culinary Arts (AS/C)

Database Programming and Applications Development (C)
 Diagnostic Medical Sonography (C)
 Diversity Issues in ECE (C)
 Drafting/CAD (AS/C)

Early Childhood Education (AS/C)
 Early Childhood Education for Transfer (AS-T)
 Economics (AA)
 Economics for Transfer (AA-T)
 Elementary Teacher Education (AA-T)
 Engineering (AA/AS)
 English (AA)
 English for Transfer (AA-T)
 Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C
 Environmental Studies (AA)
 Ethnic Studies (AA)

Film Production (AA)
 Film and Media Studies (AA)
 Finance (AA/C)
 French (AA)

Geography (AA)
 Geography for Transfer (AA-T)
 Geological Sciences (AS)
 Geology for Transfer (AS-T)
 Global Studies (AA)
 Graphic Design & Photography – Graphic Design Conc. (AA/C)

Health Information Technology (AS)
 Healthy Aging (AA)
 History (AA)
 History for Transfer (AA-T)
 Honors (C/C with highest honors) – 2 emphases available
 Hospitality (AS/C)
 Infant/Toddler Development (C)
 Interior Design (AA/C)
 International Business (AA/C)
 Introduction to Graphic Design (C)

Journalism (AA/C)
 Journalism for Transfer (AA-T)

Kinesiology for Transfer (AA-T)

Law & Society (AA) - Emphasis in Criminal Justice available
 Liberal Arts (AA) – Emphasis in Biomedical Sciences
 Liberal Arts & Sciences (AA) – 3 emphases available
 Liberal Studies (AA) – Emphasis in Education

Marine Diving Technician (AS/C)
 Marketing (AA/C)
 Mathematics (AA)
 Mathematics for Transfer (AS-T)
 Media Arts (AA/C)
 Medical Coding Specialist (C)
 Middle East Studies (AA)
 Music (AA)

Native American Studies (AA)
 Natural History (AA)
 Nursing - ADN (AS)

PC Support/Network Management (C)
 Philosophy (AA)
 Philosophy for Transfer (AA-T)
 Physical Education (AA) – Emphasis in Athletic/Personal Fitness avail.
 Physics (AA/AS)
 Physics for Transfer (AS-T)
 Political Science (AA)
 Political Science for Transfer (AA-T)
 Post-Professional Practice in ADC (C)
 Psychology (AA)
 Psychology for Transfer (AA-T)

Radiography (AS)
 Real Estate (AS/C)

School-Age Care (C)
 Sociology (AA)
 Sociology for Transfer (AA-T)
 Spanish (AA)
 Spanish for Transfer (AS-T)
 Studio Arts for Transfer (AA-T)

Theatre Arts (AA) - 3 emphases available
 Theatre Arts for Transfer (AA-T)
 Transfer – CSU General Education Breadth Pattern (C)
 Transfer – IGETC (C)

Vocational Nursing (AS/C)

Wastewater Technology Education (C)
 Water Technology Education (C)

Key: (AA)=Associate in Arts; (AA-T)=Associate in Arts for Transfer; (AS)=Associate in Science; (AS-T)= Associate in Science for Transfer; (C)=Certificate of Achievement



Santa Barbara City College

Marine Science

2017-18

Department Award in Marine Science

The Marine Science Department Award comprises 21 units and signifies that students have a broad background in the physical and biological processes of the world's oceans and the tools and techniques with which they are studied. The curriculum includes courses from Biology, Marine Technology and Earth & Planetary Sciences and is especially suited to students interested in the fields of mariculture, boating and recreation, skin and SCUBA diving, fishing, scientific research and marine science education. It is important that the student pursuing the Marine Science Award consult with the Faculty Adviser early to formulate a program of study and to ensure space in classes.

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