

OCEANOGRAPHY ASSOCIATE IN SCIENCE DEGREE

Division: Science/Engineering/Mathematics

PROGRAM CODE: 1S46454

The **Oceanography Associate in Science Degree (AS in Oceanography)** is designed to provide students with a comprehensive introduction to the field. Students with a degree in Oceanography may pursue careers as a(n) aquarist, boat captain, chemical oceanographer, climatologist, environmental advocate, marine archaeologist, marine biologist, marine economist, marine geologist / geophysicist, marine lawyer, marine policy specialist, ocean engineer, ocean fisheries specialist, ocean resource management, ocean technician, physical oceanographer, or teacher. While at least a baccalaureate degree is recommended preparation for those considering professional careers, completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for further academic study through upper-division course work. Students should consult a counselor, the Transfer Center and the catalog of the transfer college or university to plan a specific program of study to meet the college or university's requirements. To earn an AS in Oceanography students must complete the following requirements: (1) a minimum of 36-38 semester units or 54-57 quarter units in the Oceanography major with a grade of C or better; AP(Pass) grade is an acceptable grade for a course in the major only if the P is defined to be equivalent to a C or better (2) Cypress College Local General Education requirements or the California General Education Transfer Curriculum (Cal-GETC) requirements; (3) any electives need to reach 60 semester or 90 quarter units of CSU transferable coursework; and (4) have an overall GPA of 2.0. This degree requires a total of 36-38 units in addition to other graduation requirements.

Code	Title	Units
Required Core: (21 units)		
CHEM 111AC	General Chemistry I	5
CHEM 111BC	General Chemistry II	5
GEOL 100 C	Physical Geology	3
MATH 150AC	Calculus I	4
GEOL 130 C	Introduction to Oceanography	3
GEOL 131 C	Introduction to Oceanography Lab	1
List A: (Select two courses for 8 units)		8
BIOL 122 C	Marine Biology	4
BIOL 101 C	General Biology	4
MATH 150BC	Calculus II	4
PHYS 221 C	General Physics I	4
PHYS 222 C	General Physics II	4
List B: (Select any three courses for 7-9 units)		7-9
GEOL 103 C	Our Evolving Earth	3
GEOL 120 C	Geology of California	3
GEOL 190 C	Environmental Geology	3
GEOL 192 C	Coastal Oceanography Field Studies	1
GEOG 102 C	Physical Geography	3
GEOG 140 C	Weather and Climate	3

GEOG 230 C Introduction to GIS 3

Total Units 36-38

Program Student Learning Outcomes:

OUTCOME 1: Students will find, use and evaluate resources for oceanographic information.

https://www.curricunet.com/Cypress/reports/program_report.cfm?programs_id=1810