

CUGS in Marine Science

The Certificate of Undergraduate Study (CUGS) in Marine Science introduces students to the interdisciplinary study of the ocean. Marine science integrates the physical, chemical, geological, and biological features and processes of oceans. Students completing this program will gain a foundational understanding of ocean systems and the tools used to collect samples and data in oceans. The CUGS in Marine Sciences ties together and builds upon existing course offerings across the departments of Biology, Environmental Science, and Geology to create a comprehensive program of study that introduces undergraduate students to the study of marine science. The CUGS in marine sciences is intended to serve undergraduate students in STEM disciplines from both academic units including, for example, environmental science, geology, and biological sciences.

Certificate of Undergraduate Study in Marine Science 14-15 s.h.

The requirements include the following 3 required courses and 1 elective course:

Required Courses (11 s.h.)

- EVSC 01.120 Oceans in Crisis (3 s.h.)
- BIOL 18.360 Marine Biology (4 s.h.)
- EVSC 01.385 Oceans (4 s.h.)

One Elective Course (3 - 4 s.h.)

- EVSC 01.386 Estuaries (3 s.h.)
- GEOL 01.250 Ocean-Atmosphere Interactions (4 s.h.)
- GEOL 01.136 Water Planet: Exploring the Hydrosphere (3 s.h.)
- BIOL 20.474 Tidal Marsh Ecology (3 s.h.)
- BIOL 19.425 Coastal Marine Geology (4 s.h.)

To be awarded the CUGS in Marine Science, students must complete all courses required for the CUGS in Marine Science with at least a 2.0 average. Students must ensure that they have the appropriate prerequisites for any of the classes. Prerequisites for each class can be found in the Banner Course Catalog.