

# Marine Biology

## What is Marine Biology?

It is the scientific study of organisms that live in saltwater environments. Marine biologists study various aspects of marine life, including marine organism behaviors, distribution, anatomy, physiology, and interactions with their environment. Marine biology plays a crucial role in understanding and protecting the health of ocean ecosystems, which are vital for sustaining life on Earth.

## Universities with a Marine Biology Program & Palo Alto College Course Credits to Consider

### Texas A&M Corpus Christi

<https://catalog.tamucc.edu/undergraduate/science/bachelors/biology-bs/#requirementstext>

#### Courses:

- Biology 1406, BIOL 1407, MATH 2413, CHEM 1411, CHEM 1412, BIOL 2416, and BIOL 2421. CHEM 2423, and CHEM 2425.

### Hawai'i Pacific University

[https://www.hpu.edu/registrar/files/sample-degree-plans/college-of-natural-and-computational-science/bs\\_mbio.pdf](https://www.hpu.edu/registrar/files/sample-degree-plans/college-of-natural-and-computational-science/bs_mbio.pdf)

#### Courses:

- MATH 2412, CHEM 1411, CHEM 1412, PHYS 1401, MATH 2413, and MATH 2414.

### University of Miami

<https://bulletin.miami.edu/undergraduate-academic-programs/marine-atmospheric-science/marine-biology/bsmas-marine-biology/#curriculumtext>

#### Courses:

- CHEM 1411, MATH 2413, and MATH 2414.

### University of California, San Diego

<https://scripps.ucsd.edu/undergrad/curriculum/marine-biology>

#### Courses:

- MATH 2413, MATH 2414, MATH 2415, CHEM 1411, CHEM 1412, PHYS 2425, and PHYS 2426.

### Florida International University

<https://case.fiu.edu/biology/bs-in-marine-biology/>

#### Courses:

- BIOL 1406, BIOL 1407, CHEM 1411, CHEM 1412, MATH 2413, AND MATH 2414.

\*\*\*Course equivalency is determined by the receiving university. While a course may not transfer, it may still be relevant to your field of study. It would be in your best interest to contact the marine biology programs directly.

This information is based on Spring 2024 course titles.\*\*\*

## Careers in Marine Biology

- Marine Biologist
- Environmental Conservationist
- Marine Data Scientist
- Marine Engineer
- Marine Biochemist
- Chemical Oceanographer
- Mammologist
- Marine Biotechnologist

