

B.A. – MARINE SCIENCE

MARINE BIOLOGY CONCENTRATION

All Marine Science students must earn a **2.0 GPA** in all science and math courses

Core Course Requirements: 64 credits

- MARS 1200 Introduction to Marine Biology w/lab (4)
- MARS 2200 Marine Biology Methods & Analysis (4)
- MARS 1300 Introduction to Oceanography (4)
- CHEM 2110/15 Chemistry I w/lab (5)
- CHEM 2120/25 Chemistry II Organic w/lab (5)
- BIOL 1200/05 Cells & Molecules (5)
- BIOL 1400/05 Biodiversity & Evolution (5)
- PHYS 2110/15 Physics for Life Sciences I w/lab (6)
- Statistics 2000-4000 level (4)
- MARS 2600 Marine Science Seminar (1)

Choose ONE course

- MARS 3309 Coastal Oceanography w/lab (4)
- MARS 3361/65 Global Ocean Basins w/lab (4)
- GEOL 2210/2115 Marine Geology w/lab
- MARS 3420 Biological Oceanography (4)

Choose ONE of the following:

- MARS 3306 Aquaculture (4)
- MARS 3307 Fisheries Science and Management (4)
- MARS 3201 Marine Conservation Ecology (4)

Choose one course from THREE of FOUR Groups:

Group I: General Ecology

- BIOL 2100 Ecology (4) **OR**
- ENVL 2200/05 Ecological Principles (4)

Group II: Marine Plants

- MARS 3335 Marine Botany (4)

Group III: Invertebrate taxonomy

- MARS 3300 Invertebrate Zoology (4)

Group IV: Vertebrate taxonomy

- MARS 3340 Introduction to Ichthyology (4) **OR**
- MARS 3489 Marine Mammalogy (4)

MARS Cognates: BCMB, BIOL, CHEM, ENVL, GEOL, MATH, PHYS or SUST

General Studies Requirements: 64 credits Total

32 Credits in 'G' Category Courses

No more than 16 credits in any one "G" category may be applied towards the BA degree

- General Interdisciplinary (GEN) – up to 4 credits
- General Integration & Synthesis (GIS) – up to 4 credits*
- General Arts and Humanities (GAH) – up to 8 credits
- General Natural Science & Math (GNM) – up to 8 credits
- General Social Science (GSS) – up to 8 credits

*Must be taken junior or senior year



At Some Distance Electives: 32 credits

Courses unrelated to your major

General Studies Outcome Requirement

These courses are listed as attributes and should be completed within the 128 credits needs to graduate.

- Arts (A) Historical Consciousness (H)
- Values/Ethics (V) International/Multicultural (I)

Writing Requirement (4 courses)

Two W1 courses may be in transfer. W2 courses must be taken at Stockton

W1 _____ W1/W2 _____

W1/W2 _____

W1/W2–3000 level _____

Quantitative Reasoning Requirements (3 courses)

Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton

Q1 _____ Q2 _____ Q1 or Q2 _____