

B.S. – MARINE SCIENCE

OCEANOGRAPHY CONCENTRATION

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

Core Course Requirements: 80 credits

- MARS 1200 Introduction to Marine Biology w/lab (4)
- MARS 1300 Intro to Oceanography (4)
- MARS 2300 Oceanographic Methods (2)
- CHEM 2110/15 Chemistry I w/lab (5)
- CHEM 2120/25 Chemistry II Organic w/lab (5)
- CHEM 2140 Chemistry IV w/lab (4)
- MARS 3305 Coastal Processes: Beaches (4) **OR**
- MATH 2215 Calculus (5)
- MATH 2216 Calculus II (4-5) **OR**
any 2000 level Statistics _____
- PHYS 2220/25 Physics I w/lab (6)
- PHYS 2230/35 Physics II w/lab (6)
- MARS 2600 Marine Science Seminar (1)
- Data Course:** ENVL 3302 Geographic Information Systems (4) **OR** MARS _____ (4)

Choose THREE

- MARS 3309 Coastal Oceanography w/lab (4)
- GEOL 2110/15 Marine Geology (5) **OR**
other suitable GEOL 2000-4000 _____
- MARS 3361/65 Global Ocean Basins w/lab (4)
- MARS 3420 Biological Oceanography (4)

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

MARS/Cognate as needed to get to 80 credits

- MARS/Cognate _____
- MARS/Cognate _____
- MARS/Cognate _____

General Studies Requirements: 48 credits Total

32 Credits in 'G' Category Courses

No more than 12 credits in any one "G" category may be applied towards the BS 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: 16 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) <input type="checkbox"/> | Historical Consciousness (H) <input type="checkbox"/> |
| Values/Ethics (V) <input type="checkbox"/> | International/Multicultural (I) <input type="checkbox"/> |

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 _____