B.A. – MARINE SCIENCE
OCEANOGRAPHY 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 1300 Intro to Oceanography (4)
- MARS 2300 Oceanographic Methods (2)
- CHEM 2110/15 Chemistry I w/lab (5)
- CHEM 2140 Chemistry IV w/lab (4)
- MATH 2215 Calculus (5)
- MATH 2216 Calculus II (4-5) OR any 2000 level Statistics
- PHYS 2220/25 Physics I w/lab (6)
- MARS 2600 Marine Science Seminar (1)

**Data Course:** ENVL 3302 Geographic Information Systems (4) OR MARS ____________ (4)

Choose **TWO** courses

- CHEM 2120/25 Chemistry II Organic w/lab (5)
- MARS 3305 Coastal Processes: Beaches (4)
- PHYS 2230/35 Physics II w/lab (6)

Choose **THREE** courses

- MARS 3309 Coastal Oceanography (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

### General Studies Outcome Requirement

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

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

### General Studies Requirements: 64 credits Total

32 Credits in ‘G’ Category Courses

- 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

### Writing Requirement (4 courses)

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

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W1/W2 – 3000 level

### Quantitative Reasoning Requirements (3 courses)

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

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At Some Distance Electives: 32 credits

Courses unrelated to your major

- ________
- ________
- ________
- ________
- ________
- ________

"The student is responsible for insuring that all graduation requirements are met" (Bulletin). Consult with your preceptor and/or the Center for Academic Advising on a regular basis. Prerequisites must be met; consult the Catalog of Courses for information.