

Recommended Marine Science (Marine Technology Focus) Four Year Course Plan

| Year 1 | | | |
|---|-----------|--|-----------|
| Fall | | Spring | |
| Calculus I w/Analytic Geometry (MAT167) | 3 | Calculus II w/Analytic Geometry (MAT168) | 3 |
| Dynamics of a Changing Earth (GHY101) | 3 | English Composition II (ENG102) | 3 |
| English Composition I (ENG101) | 3 | General Chemistry II w/Lab (CHE107/CHE107L) | 3/1 |
| General Chemistry I w/Lab (CHE106/CHE106L) | 3/1 | Humanities Elective | 3 |
| Humanities Elective | 3 | Physical Geology w/Lab (GLY101/GLY101L) | 4 |
| Total | 16 | Total | 17 |
| Year 2 | | | |
| Fall | | Spring | |
| Biological Science I w/Lab (BSC110/BSC110L) | 3/1 | Biological Science II w/Lab (BSC111/BSC111L) | 3/1 |
| Calculus III w/Analytic Geometry (MAT169) | 3 | General Physics II w/Calculus and Lab (PHY202/PHY202L) | 4/1 |
| General Physics I w/Calculus and Lab (PHY201/PHY201L) | 4/1 | The Oceans (MAR210) | 3 |
| Fine Arts Elective | 3 | World Literature (ENG203) | 3 |
| Total | 15 | Total | 15 |
| Year 3 | | | |
| Fall | | Spring | |
| Field Methods in Marine Science (MAR310) | 3 | Ocean Acoustics (MAR366/MAR366L) | 3/1 |
| Decision Making Elective | 3 | Geographic Information System w/Lab (GHY417/GHY417L) | 2/1 |
| Marine Science I w/Lab (MAR300/MAR300L) | 3/2 | Marine Science II w/Lab (MAR301/MAR301L) | 3/2 |
| Weather and Climate (GHY104/GHY104L) | 3/1 | Waves and Tides (MAR367) | 3 |
| Total | 15 | Total | 15 |
| Year 4 | | | |
| Fall | | Spring | |
| Introduction to Hydrography (MAR412) | 3 | Basic Marine Science Instrumentation (MAR431) | 3 |
| Marine Environmental Science (MAR402) | 3 | Management of Oceanographic Data (MAR413) | 3 |
| Marine Science Seminar (MAR489) | 1 | Marine GIS (MAR414) | 3 |
| Nautical Science (MAR416) | 2 | Marine Metadata (MAR415) | 2 |
| Ocean Policy and Management (MAR417) | 3 | Marine Science Seminar (MAR489) | 1 |
| Remote Sensing of the Ocean (MAR411) | 3 | Senior Capstone | 3 |
| Total | 15 | Total | 15 |