**Major in Biological Sciences (B.S.): Marine Biology Option**

**120-124 Hours (no minor required)**

At least 40 Jr-Sr hours required for graduation (3000 and above)

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Degree Plan Started On: \_\_\_\_\_\_­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **-------- General Education Requirement (26 hours) --------** | | | | | | | | | | | | | | | | | |
| **University Requirement (2 hours)** | | | | Sem | Grade |  | **Social Science (9 hours)** | | | | | | | Sem | | Grade | |
|  | Freshman Seminar | GSTD | 1002 | \_\_\_\_\_ | \_\_\_\_\_ |  |  |  |  | | |  | |  | |  | |
| **English/Communication (6 hours)** | | | |  |  |  |  | ***World History – Select 3 hours from:*** | | | | | |  | |  | |
|  | Composition I | ENGL | 1113 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | World History I | HIST | | | 1003 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Composition II | ENGL | 1123 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | World History II | HIST | | | 1013 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
| **Fine Arts/Humanities (9 hours)\*** | | |  |  |  |  |  | ***U.S. History/Government – Select 3 hours from:*** | | | | | |  | |  | |
|  | **\*Note:** Must include 3 hours of World Literature | | |  |  |  |  | US History I | HIST | | | 2013 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  |  |  |  |  |  |  |  | US History II | HIST | | | 2023 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | World Literature I | ENGL | 2213 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | American Government National | PSCI | | | 2003 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | World Literature II | ENGL | 2223 | \_\_\_\_\_ | \_\_\_\_\_ |  | ***Social Sciences – Select 3 hours from:*** | | | | | | |  | |  | |
|  | Art Appreciation | ART | 2013 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | Principles of Microeconomics | ECON | | | 2103 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Film Appreciation | HUM | 2003 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | Personal Finance | FIN | | | 2003 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Music Appreciation | MUS | 2013 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | Introduction to Geography | GEOG | | | 2003 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Theatre Appreciation | THEA | 2003 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | American Government National | PSCI | | | 2003 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Introduction to Philosophy | PHIL | 2403 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | General Psychology | PSYC | | | 2003 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Foreign Language (3 hours) |  | XXX3 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | General Anthropology | SOC | | | 1003 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  |  | | | | |  |  | Intro to Sociology | SOC | | | 2003 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  |  |  |  |  |  |  |  |  |  | | |  | |  | |  | |
| **-------- Biology Core (32 hours) --------** | | | | | |  |  | **-------- Mathematics (13-14 hours) --------** | | | | | | | | | |
|  |  |  |  | Sem | Grade |  | ***Select either:*** | | | | | | | Sem | | Grade | |
| **Introductory Courses** | |  |  |  |  |  |  | [College Algebra ***and*** | MATH | | | 1023 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Introduction to Biology/Lab | BIOL | 1103/1101 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | Trigonometry] | MATH | | | 1033 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Vertebrate Zoology/Lab | BIOL | 2023/2021 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | **-or-** |  | | |  | |  | |  | |
|  | General Botany/Lab | BIOL | 2083/2081 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | Pre-Calculus Mathematics\* | MATH | | | 1045 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
| **Biology Core Courses** | |  |  |  |  |  |  | **\*Note:** Taking both MATH 1023 College Algebra and MATH 1033 Plane Trigonometry is equivalent to MATH 1045 Pre-Calculus Mathematics. | | | | | | | | | |
|  | General Microbiology/Lab | BIOL | 3032/3022 | \_\_\_\_\_ | \_\_\_\_\_ |  |  |  | | | | | | | | | |
| Genetics/Lab | BIOL | 3033/3031 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | Calculus I | MATH | | | 1545 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Vertebrate Physiology/Lab | BIOL | 3703/3701 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | Introduction to Applied Probability and Statistics | MATH | | | 3043 | | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Evolution | BIOL | 3763 | \_\_\_\_\_ | \_\_\_\_\_ |  |  |  | | | | | | | | | |
|  | Ecology/Lab | BIOL | 4013/4011 | \_\_\_\_\_ | \_\_\_\_\_ |  |  | **-------- Physics and Chemistry (24 hours) --------** | | | | | | | | | |
|  | Biology Colloquium | BIOL | 4101 | \_\_\_\_\_ | \_\_\_\_\_ |  |  |  |  | | |  | |  | |  | |
|  |  |  |  |  |  |  |  | ***Select either:*** |  | | |  | | Sem | | Grade | |
|  |  |  |  |  |  |  |  | College Physics I/Lab  Or  University Physics I/Lab  College Physics II/ Lab or | PHYS  PHYS  PHYS | | | 2003/2001  2203/2201  2103/2101 | | \_\_\_\_\_  \_\_\_\_\_ | | \_\_\_\_\_  \_\_\_\_\_ | |
| **-------- Marine Biology Option (25 hrs) --------** | | | | | |  |  | University Physics II/Lab | | PHYS | | |  | | \_\_\_\_\_ | | \_\_\_\_\_ |
|  | | | | | |  |  | University Chemistry I/Lab | | CHEM | | | 1023/1021 | | \_\_\_\_\_ | | \_\_\_\_\_ |
|  |  | | | Sem | Grade |  |  | University Chemistry II/Lab | | CHEM | | | 1123/1121 | \_\_\_\_\_ | | \_\_\_\_\_ | |
|  | Marine Biology  Oceanography  **Advanced Courses** | BIOL  BIOL | 3503  2093 | \_\_\_\_\_  \_\_\_\_\_ | \_\_\_\_\_  \_\_\_\_\_ |  |  | Organic Chemistry I/Lab  Organic Chemistry II/Lab | | CHEM  CHEM | | | 3003/3001  3103/3101 | \_\_\_\_\_  \_\_\_\_\_ | | \_\_\_\_\_  \_\_\_\_\_ | |
|  | Marine Mammals\* | BIOL | 4703 | \_\_\_\_\_ | \_\_\_\_\_ |  |  |
|  | Marine Vertebrate Zoology/Lab\* or  Marine Invertebrate Zoology/Lab\*  Marine Botany/Lab\*  Marine Ecology/Lab  Biology of Fishes/Lab  Or  Marine Ichthyology/Lab\*  **Electives if needed (1-5 hrs)**  Internship at Field Station  Marine Chemistry or  Marine Geology\*  Independent Research  Independent Research  **\*These courses and others may be taken at an affiliate institution and transferred to SAU.** | BIOL  BIOL  BIOL  BIOL  BIOL  BIOL  BIOL  CHEM  GEOL  BIOL  BIOL | 3833/3831  3823/3821  3803/3801  3813/3811  3393/3391  4163/4161  3411-4  3803  3013  4891  4991 | \_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_ | \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_    \_\_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_\_  \_\_\_\_ |  |  |  | | |  | |  |  | |  | |
|  |  |  |  |  |  |  |  | ***Please turn over for required signatures*** 🡪 | | | | | | | | | | BIOL | 3553 | \_\_\_\_\_ | \_\_\_\_\_ |
|  |  |  |  |  |  |  |  |  | | |  | |  |  | |  | |

**Required Signatures:**

Advisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dean: \_\_­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Social Security Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Registrar: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_