**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/LabOrUniversity Physics I/LabCollege Physics II/ Lab or | PHYSPHYSPHYS | 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** | BIOLBIOL  | 35032093 | \_\_\_\_\_\_\_\_\_\_ |  \_\_\_\_\_\_\_\_\_\_ |  |  | Organic Chemistry I/LabOrganic Chemistry II/Lab | CHEMCHEM | 3003/3001 3103/3101 | \_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_ |
|  | Marine Mammals\*  | BIOL  | 4703 | \_\_\_\_\_ |  \_\_\_\_\_  |  |  |
|  | Marine Vertebrate Zoology/Lab\* orMarine Invertebrate Zoology/Lab\*Marine Botany/Lab\*Marine Ecology/LabBiology of Fishes/LabOrMarine Ichthyology/Lab\***Electives if needed (1-5 hrs)**Internship at Field StationMarine Chemistry orMarine Geology\*Independent ResearchIndependent Research**\*These courses and others may be taken at an affiliate institution and transferred to SAU.** | BIOLBIOLBIOLBIOLBIOLBIOLBIOLCHEMGEOLBIOL BIOL | 3833/38313823/38213803/38013813/38113393/33914163/41613411-43803301348914991 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_  |  |  |  |  |   |  |  |
|  |  |  |  |  |  |  |  | ***Please turn over for required signatures*** 🡪 | BIOL | 3553 | \_\_\_\_\_ |  \_\_\_\_\_ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

**Required Signatures:**

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

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

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