**COLLEGE of SCIENCE AND TECHNOLOGY**

**ADVISEMENT SHEET FOR THE**

**MARINE SCIENCE MAJOR**

**Effective: August 2016**

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| **Name**: | | |  | | | | | | | |
| **Date of Entrance:** | | |  | | | | | | | |
| **Advisor**: | | |  | | | | | | | |
| **GENERAL EDUCATION - 65 Semester Hours** | | | | | | | | | | |
|  | | | | Sem | | Grade | | | Hrs | |
| **Area A Essential Skills** – 9 Hrs | | | | | | | | | | |
| ENGL 1101-Eng Composition I | | | |  | |  | | | 3\* | |
| ENGL 1102-Eng Composition II | | | |  | |  | | | 3\* | |
| MATH 1113-Pre-Calculus | | | |  | |  | | | 3\* | |
| **Area B Institutional Options**–5 Hrs | | | | | | | | | | |
| AFRS 1501-African Amer. History | | | | |  | | |  | | 2 |
| HUMN 1201 Critical Think & Comm. | | | | |  | | |  | | 3 |
| **Area C Humanities/Fine Arts –** 6 Hrs | | | | | | | | | | |
|  | | | |  | |  | | | 3 | |
| ***Choose one****:* ENGL 2110, 2121, 2122, 2131, 2132, 2222; or PHIL 2101, 2241 | | | | | | | | | | |
|  | | | |  | |  | | | 3 | |
| ***Choose one****:* HUMN 2011; ARTS 1101; MUSC 1101;  THEA 1101; or ENGL 2521 | | | | | | | | | | |
| **Area D Science, Mathematics and Technology** – 11 Hrs | | | | | | | | | | |
| CHEM 1211 Prin of Chemistry I | | | |  | | |  | | 3\* | |
| CHEM 1211L Prin of Chem I Lab | | | |  | | |  | | 1\* | |
| CHEM 1212 Prin of Chemistry II | | | |  | | |  | | 3\* | |
| CHEM 1212 Prin of Chemistry II L | | | |  | | |  | | 1\* | |
| BIOL 1107 Prin of Biology I | | | |  | | |  | | 3\* | |
| **Area E Social Sciences –** 12 Hrs | | | | | | | | | | |
| HIST 2111 or HIST 2112 US Hist. | | | |  | |  | | | 3 | |
| POLS 1101-American Government | | | |  | |  | | | 3 | |
| POLS 2401-Global Issues | | | |  | |  | | | 3 | |
|  | | | |  | |  | | | 3 | |
| ***Choose one****:* AFRS 2000; ANTH 1101; ECON 2105; GEOG 1101; HIST 1111, 1112; PSYC 1101, 2103; or SOCI 1101, 1160 | | | | | | | | | | |
| **Area F Related to Major** – 17 Hrs | | | | | | | | | | |
| BIOL 1107L Prin of Biology I Lab | | | |  | |  | | | 1\* | |
| MSCI 1810K Marine Biology | | | |  | |  | | | 4\* | |
| MSCI 2010K Intro. Oceanography | | | |  | |  | | | 4\* | |
| PHYS 1111K Introductory Physics | | | |  | |  | | | 4\* | |
| CHEM 2501 Organic Chemistry | | | |  | |  | | | 3\* | |
| CHEM 2501L Organic Chem I Lab | | | |  | |  | | | 1\* | |
| **ADDITIONAL REQUIREMENTS –** 5 Hrs | | | | | | | | | | |
| TIGR 1103 First Year Exp. | | | |  | |  | | | 2 | |
| **Health Education** (3 hrs) | | | | | | | | | | |
| HEDU | | | |  | |  | | | 2 | |
| ***Choose one****:* HEDU1101, 1111, 1201 or 1211 | | | | | | | | | | |
| HEDU | | | |  | |  | | | 1 | |
| ***Choose one****:* HEDU 1150, 1301, 1401, 1501, 1511, 1521,  1601,1611 or 1621 | | | | | | | | | | |
| **Student ID:** |  | | | | | | | | |
| **Catalog Date:** |  | | | | | | | | |
| **Graduation** |  | | | | | | | | |
| **MARINE SCIENCE REQUIREMENTS** **– 60 Sem. Hrs.** | | | | | | | | | |
|  | | | Sem | | Grade | | | Hrs | |
| **Major Requirements** – 26 Hrs | | | | | | | | | |
| MSCI 4350K Biological Ocean. | | |  | |  | | | 4\* | |
| MSCI 3301K Mar. Env. Chem. | | |  | |  | | | 4\* | |
| MSCI 4201K Marine Ecology | | |  | |  | | | 4\* | |
| MSCI 4901 Sr. Seminar | | |  | |  | | | 1\* | |
| MSCI 4902 Sr. Research/Internship | | |  | |  | | | 3\* | |
| MATH 2101 Calculus I | | |  | |  | | | 4\* | |
| MATH 2201 Intro Prob & Statistics | | |  | |  | | | 3\* | |
| MSCI 3901 Technical Writing | | |  | |  | | | 3\* | |
| **Area H Major Electives** – 10 Hrs. (extra hrs count as elec.) | | | | | | | | | |
| ***Choose three of the following***: | | | | | | | | | |
| MSCI 3401K Invertebrate Zoology | | |  | |  | | | 4\* | |
| MSCI 3501K Ichthyology | | |  | |  | | | 4\* | |
| MSCI 4447 Marine Mammalogy | | |  | |  | | | 3\* | |
| MSCI 4401K Marine Sediments | | |  | |  | | | 4\* | |
| MSCI 3702 Introduction to GIS | | |  | |  | | | 3\* | |
| **Area H Other Electives** – 8 Hrs | | | | | | | | | |
|  | | |  | |  | | | 4\* | |
|  | | |  | |  | | | 4\* | |
| ***Choose two of the following***: MATH 2111; CHEM 2511& 2511L; PHYS 1112K; BIOL 3301K; CHEM 3401 & 3401L | | | | | | | | | |
| **Electives** – 16 Hrs.: Courses\* within COST will be selected in consultation with advisor. Two electives should be MSCI courses. Extra hrs from area H count here. Major require-ments, major electives & other electives sum to 60 hrs. | | | | | | | | | |
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| **COLLEGE PREPARATORY COURSES (if required)** | | | | | | | | | |
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\* A minimum grade of “C” is required for this course

**Total Semester Hours Required for Graduation = 125**

Advisor signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_