**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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_