

**MARINE SCIENCE
Degree Plan**

<p>01. WRITTEN AND ORAL COMMUNICATION (GEC: 6 HRS. minimum, at least 4 courses)</p> <p>01 ENG 101 (Comp One) 02 ENG 102 (Comp Two) 03 Senior Capstone (See Major Requirements) 04 Upper Level Writing Intensive (WI) course (See Major Requirements)</p> <p>02. GLOBAL HISTORY AND CULTURE (12 HRS) SOCIAL SCIENCE: (Choose one course from) 01 ANT 101 OR GHY 101 OR SOC 101 HUMANITIES: 02 ENG 203 03 Choose 1 course from: HIS 101 OR HIS 102 04 Choose 1 course from: HIS 101 OR HIS 102 OR PHI 151 OR REL 131</p> <p>03. AESTHETIC VALUES (3 HRS) FINE ART APPRECIATION 01 ART 130 OR DAN 130 OR MUS 365 OR THE 100</p> <p>04. BASIC SCIENCE AND MATHEMATICS (9 HRS) 01 LABORATORY SCIENCES (See Major Requirements) 02 MAT 167, MAT 168, MAT 169</p> <p>05. DECISION MAKING AND RESPONSIBILITY (3 HRS) 01 ECO 101, PHI 171, PSY 110, PS 101, COH 100, COH 101</p>	<p>06. MAJOR/EMPHASIS REQUIREMENTS (39 HRS)</p> <p>01 MAR 210* (The Oceans) 02 MAR 300/L (Mar Sci I: Oceanography) 03 MAR 301/L (Mar Sci II: Marine Biology) 04 MAR 310* (Field Meth in Mar Sci) 05 MAR 367* ((Waves & Tides) 06 MAR 402 (Marine Environmental Sci) 07 MAR 413* (Mgt of Oceanographic Data) (Computer Competency) 08 MAR 414* (Marine GIS) 09 MAR 415* (Marine Metadata) 10 MAR 417* (Ocean Policy & Mgt) WI 11 MAR 489 (Mar Sci Seminar) 12 MAR 497* (Senior Practicum) (Senior Capstone; WI) CHOOSE AT LEAST 3 CREDITS FROM THE FOLLOWING: 13 MAR 366/L* (Ocean Acoustics) MAR 411* (Remote Sensing of the Ocean) MAR 412* (Intro to Hydrography) MAR 416* (Nautical Science) MAR 431 (Basic Mar Sci Instrumentation)</p> <p>07. OTHER REQUIRED COURSES (33 HRS)</p> <p>01 BSC 110/110L (Principles Bio Sci I) 02 BSC 111/111L (Principles Bio Sci II) 03 CHE 106/106L (Gen Chem I) 04 CHE 107/107L (Gen Chem II) 05 GHY 104/104L (Weather & Climate) 06 GHY 417/417L (Geographic Info Sys) 07 GLY 101/101L (Physical Geology) 08 PHY 201/201L (Gen Physics I w/Calculus) 09 PHY 202/202L (Gen Physics II w/Calculus)</p> <p>08. ELECTIVES (19 HRS)</p>
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A Minimum of 124 Hours in Program

A minimum of 62 hrs. required from four-yr. college, 45 hrs. 300- or 400-level courses, last 32 hrs. from Southern Miss.