**UNIVERSITY STUDIES - BS, OCEANS AND ONE HEALTH CONCENTRATION**

**Program Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSCI 281</td>
<td>Oceans and One Health Sophomore Seminar</td>
<td>1</td>
</tr>
<tr>
<td>FSCI 334</td>
<td>One Health in Coastal Regions</td>
<td>3</td>
</tr>
<tr>
<td>FSCI 360</td>
<td>Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>FSCI 428</td>
<td>Coastal Development and Human Health</td>
<td>3</td>
</tr>
<tr>
<td>MARB 303</td>
<td>Biostatistics</td>
<td>3</td>
</tr>
<tr>
<td>or STAT 303 or Statistical Methods</td>
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<tr>
<td>OCNG 251 &amp; OCNG 252 &amp; The Blue Planet - Our Oceans Laboratory</td>
<td>4</td>
<td></td>
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</tbody>
</table>

Select 6 hours from the following:

- BIOL 351 Fundamentals of Microbiology
- CHEM 383 Chemistry of Environmental Pollution
- MARB 301 Genetics
- MARB 310 Introduction to Cell Biology
- MARB 401 Physiological Ecology of Marine Mammals
  or MARB or Comparative Animal Physiology
- MARB 414 Toxicology
- MARB 430 Coastal Plant Ecology
- MARS 325 Introduction to GIS for Marine Sciences
- OCNG 320 Biological Oceanography

**University and College Requirements**

- BIOL 111 Introductory Biology I 4
- CHEM 119 Fundamentals of Chemistry I 4
- CHEM 120 Fundamentals of Chemistry II 4
- ENGL 104 Composition and Rhetoric 3
- POLS 206 American National Government 3
- POLS 207 State and Local Government 3
- PBSI 107 Introduction to Psychology 3
  or MARS 21 or Marine Geography

American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) 6

Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication) 3

Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) 3

Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture) 3

Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics) 6

Minor 1 15-18
Minor 2 15-18
General electives 15-21

**Total Semester Credit Hours** 120

All University Studies degree plans require at least 120 hours for completion. A University Studies Degree consists of a concentration of 21-24 hours and two minors of 15-18 hours each. Specific courses may be required for the completion of the hours in the concentrations and minors. Some concentrations and minors contain required courses that have additional prerequisites. One of the two minors must be completed in a college outside of the college that provides the concentration for the student’s degree.