

# OCEAN STUDIES - BA

## Program Requirements

### First Year

Fall		Semester Credit Hours
CHEM 119	Fundamentals of Chemistry I	4
ENGL 104	Composition and Rhetoric	3
MATH 140	Mathematics for Business and Social Sciences	3
OCNG 251	The Blue Planet - Our Oceans	3
OCNG 252	The Blue Planet - Our Oceans Laboratory	1
OCNG 101	Succeeding in Oceanography	1
<b>Semester Credit Hours</b>		<b>15</b>

### Spring

CHEM 120	Fundamentals of Chemistry II	4
MATH 142	Business Calculus	3-4
or MATH 151	or Engineering Mathematics I	
PHYS 201	College Physics	4
American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
<b>Semester Credit Hours</b>		<b>14</b>

### Second Year

#### Fall

OCNG 203	Communicating Oceanography	1
PHYS 202	College Physics	4
STAT 303	Statistical Methods	3
Minor <sup>2</sup>		3
General elective <sup>1</sup>		2-3
<b>Semester Credit Hours</b>		<b>14</b>

#### Spring

COMM 203	Public Speaking	3
or COMM 205	or Communication for Technical Professions	
OCNG 330	Geological Oceanography	3
OCNG 340	Chemical Oceanography	3
American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
Minor <sup>2</sup>		3
<b>Semester Credit Hours</b>		<b>15</b>

### Third Year

#### Fall

OCNG 320	Biological Oceanography	3
OCNG 411	Global Oceanography	3
Creative arts ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a> )		3
Minor <sup>2</sup>		3
Oceanography elective <sup>3</sup>		3
<b>Semester Credit Hours</b>		<b>15</b>

### Spring

OCNG 303	Professional Communication in Oceanography	3
OCNG 443	Oceanographic Field and Laboratory Methods	3
Government/Political science ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a> )		3
Minor <sup>2</sup>		3
Technical elective <sup>4</sup>		4
<b>Semester Credit Hours</b>		<b>16</b>

### Fourth Year

#### Fall

Social and behavioral sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences</a> )		3
Minor <sup>2</sup>		3
Oceanography elective <sup>3</sup>		6
General elective <sup>1</sup>		3
<b>Semester Credit Hours</b>		<b>15</b>

#### Spring

GEOS 405	Environmental Geosciences	3
Government/Political science ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a> )		3
Language, philosophy and culture ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a> )		3
Oceanography elective <sup>3</sup>		3
Technical elective <sup>4</sup>		4
<b>Semester Credit Hours</b>		<b>16</b>
<b>Total Semester Credit Hours</b>		<b>120</b>

<sup>1</sup> Select any courses from 100-499 not used elsewhere. (Except AERS 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/aers/>); ASCC 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/ascc/>); ENGL 103; KINE 198, KINE 199; MATH 102, MATH 142, MATH 150, MATH 151, MATH 171; MLSC 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/mlsc/>); NVSC 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/nvsc/>); SOMS 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/soms/>); STAT 211, STAT 302, STAT 303).

<sup>2</sup> All students must complete a university approved minor for this degree

<sup>3</sup> Select from any OCNG 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/ocng/>) class not required for the degree, GEOS 442/GEOG 442, GEOS 443.

<sup>4</sup> Select from ATMO 201, ATMO 203, ATMO 210, ATMO 251, ATMO 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/atmo/>); BESC 314, BESC 320, BESC 357, BESC 367, BESC 401, BESC 402, BESC 403, BESC 431; BIOL 111, BIOL 112, BIOL 206, BIOL 213, BIOL 214, BIOL 300-399 (<http://catalog.tamu.edu/undergraduate/course-descriptions/biol/>); CHEM 200-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/chem/>); ECCB 300/ENTO 300, ECCB 304, ECCB 403, ECCB 448; GEOG 312, GEOG 330, GEOG 352/GEOL 352, GEOG 361, GEOG 390, GEOG 392; STAT 300-399 (<http://catalog.tamu.edu/undergraduate/course-descriptions/stat/>); OCNG 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/ocng/>); RWF 306, RWF 309/

VTPB 301, RWF 404, RWF 405, RWF 408, RWF 443, RWF 447;  
WFSC 425.