

In Effect 2013  
 Fisheries and Allied Aquacultures (FISH)  
 Pre-Professional Emphasis

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Freshman Year

Fall	Spring	Summer
ENGL 1100 English Comp I	3 ENGL 1120 English Comp II	3
CHEM 1030 Fund. Of Chem. I	3 CHEM 1040 Fund. Of Chem. II	3
CHEM 1031 Chem. Lab I	1 CHEM 1041 Chem II Lab	1
<b>BIOL 1020 Princ. Of Biology*</b>	<b>4 BIOL 1030 Organismal Biology*</b>	<b>4</b>
<b>BIOL 1021 Princ. Of Biology Lab</b>	<b>0 BIOL 1031 Organismal Biology Lab</b>	<b>0</b>
MATH 1610 Calculus	4 Core Humanities (PHIL)	3
<b>FISH 1100 Fish Orientation*</b>	1	
	16	14

Sophomore Year

Fall	Spring	Summer
ENGL Core Literature	3 Core Social Science	3 <b>FISH 2100 Intro to Fish Science</b>
ECON 2020 Princ. Of Microecon	3 <b>BIOL 3060 Princ. Of Ecol. *</b>	<b>4</b>
CHEM 2070 Organic Chem I	3 CHEM 2080 Organic Chem II	3
CHEM 2071 Organic Chem I Lab	3 CHEM 2081 Organic Chem II Lab	1
PHYS 1500 Intro. Physics	3 PHYS 1510 Intro. Physics II	3
PHYS 1501 Intro Physics I Lab	1 PHYS 1511 Intro. Physics II Lab	1
	14	15

Junior Year

Fall	Spring	Summer
<b>FISH 5220 Water Science*</b>	3 Science Elective	4
HIST Core I	3 HIST Core II	3
Core Humanities (Fine Arts)	3 STAT 2510 Stat. Biol & Health	3
COMM 1000 Public Speaking	3 Social Science**	3
<b>BCHE 3200 Princ. Biochemistry</b>	3 Elective	2
	15	15

Senior Year

Fall	Spring	Summer
<b>FISH 5380 Gen. Ichthyology*</b>	<b>4 FISH 5320 Limnology*</b>	<b>4</b>
<b>FISH 5410 Fish Health*</b>	3 Emphasis	3
<b>FISH 3950 Seminar*</b>	1 Science Elective	4
<b>FISH 5510 Fish. Bio. &amp; Mgt.*</b>	4 Free Elective	2
<b>Emphasis</b>	3	
	15	13

**Total Hours: 120**

\*Required Courses in Fisheries Major

Students in the Pre-Veterinary Medicine emphasis must satisfactorily complete 6 semester hours of 5000 level **FISH Emphasis** courses (approved by advisor) **plus** 8 semester hours of **Science Electives listed below**

**Science Electives**

ANSC 3400 Animal Nutrition	4 BIOL 3000 Genetics	4
BIOL 3010 Comparative Anatomy	4 BIOL 3200 Microbiology	4
BIOL 4000 Histology	4	

\*\*Students will chose from the following: ANTH 1000, GEOG 1010/1017, PSYC 2010, SOCY 1000/1007, or UNIV 2720/2727