

Curriculum for Bachelor of Science Degree in Aquaculture and Fisheries Science General Track (120 hrs)

FALL SEMESTER				SPRING SEMESTER			
FRESHMAN YEAR							
English Composition I	ENGL	1311	3	English Composition II	ENGL	1321	3
Principles of Biology I	BIOL	1455	4	Principle of Biology II	BIOL	1456	4
College Algebra	MATH	1330	3	College Trigonometry	MATH	1340	3
Personal & Social Dev.	BAS	1210	2	Career & Life Planning	BAS	1120	1
Topics in Aqua. & Fish.	AQFI	1102	1	Swimming	HLPE	1112	1
Personal Health & Safety	HLPE	1310	<u>or</u>	Social Science elective*			3
Nutrition and Wellness	HUMN	1311	3				
			16				15
SOPHOMORE YEAR							
Oral Communication	MCOM	2390	3	Aquaculture	AQFI	2329	3
Music Appreciation	MUS	2330	<u>or</u>	Aquaculture Lab	AQFI	2129	1
Art Appreciation	ART	2340	3	Intro to Literature	ENGL	2300	3
Biology of Fishes	AQFI	2253	2	Intro to Humanities	HUMN	2301	3
Biology of Fishes Lab	AQFI	2153	1	General Chemistry II	CHEM	1440	4
General Chemistry I	CHEM	1430	4	US History to 1877/ US History since 1877	HIST	2315/ 2318	<u>or</u>
General Zoology	BIOL	1460	4	American Government	PSCI	2312	3
			17				17
JUNIOR YEAR							
Limnology	AQFI	3329	3	Fisheries Management	AQFI	3371	3
Social Science elective*			3	Ichthyology	AQFI	2462	4
Aquatic Animal Nutrition	AQFI	4336	3	Ecology	BIOL	2360	3
Fisheries Techniques	AQFI	2247	2	Free Electives**			6
Fisheries Techniques Lab	AQFI	2147	1				
Free Electives**			3				
			15				16
SENIOR YEAR							
Econ of Aqua & Nat Res	AQFI	4321	<u>or</u>	Fund. Organic Chemistry	CHEM	2412	4
Mktg & Publ Rel Aqua	AQFI	4322	3	Senior Seminar	AQFI	4201	2
Physics I	PHYS	2410	4	Hatchery Management	AQFI	3360	<u>or</u>
Free electives **			5	Fish Genetics	AQFI	4350	3
				Free electives**			3
			12				12

**Curriculum for Bachelor of Science Degree in Aquaculture and Fisheries Science
Fisheries Science Track (120 hrs)**

FALL SEMESTER				SPRING SEMESTER			
FRESHMAN YEAR							
English Composition I	ENGL	1311	3	English Composition II	ENGL	1321	3
Principles of Biology I	BIOL	1455	4	Principle of Biology II	BIOL	1456	4
College Algebra	MATH	1330	3	College Trigonometry	MATH	1340	3
Personal & Social Dev.	BAS	1210	2	Career & Life Planning	BAS	1120	1
Topics in Aqua. & Fish.	AQFI	1102	1	Swimming	HLPE	1112	1
Personal Health & Safety	HLPE	1310	or	Social Science elective*			3
Nutrition and Wellness	HUMN	1311	3				
			16				15
SOPHOMORE YEAR							
Oral Communication	MCOM	2390	3	Aquaculture	AQFI	2329	3
Music Appreciation	MUS	2330	or	Aquaculture Lab	AQFI	2129	1
Art Appreciation	ART	2340	3	Intro to Literature	ENGL	2300	3
Biology of Fishes	AQFI	2253	2	Intro to Humanities	HUMN	2301	3
Biology of Fishes Lab	AQFI	2153	1	General Chemistry II	CHEM	1440	4
General Chemistry I	CHEM	1430	4	US History to 1877/ US History since 1877	HIST	2315/ 2318	or
General Zoology	BIOL	1460	4	American Government	PSCI	2312	3
			17				17
JUNIOR YEAR							
Limnology	AQFI	3329	3	Fund. Organic Chemistry	CHEM	2412	4
Social Science elective*			3	Fisheries Management	AQFI	3371	3
Fisheries Techniques	AQFI	2247	2	Ichthyology	AQFI	2462	4
Fisheries Techniques Lab	AQFI	2147	1	Hatchery Management	AQFI	3360	or
Free Electives**			6	Fish Genetics	AQFI	4350	3
				Free Electives**			2
			15				16
SENIOR YEAR							
Marketing & Public Relations in Aquaculture	AQFI	4323	or	Senior Seminar	AQFI	4201	2
Economics of Aquaculture & Natural Resources	AQFI	4322	3	Hatchery Management	AQFI	3360	or
Physics I	PHYS	2410	4	Fish Genetics	AQFI	4350	3
Free electives **			5	Ecology	BIOL	2360	3
				Free electives**			4
			12				12

**Curriculum for Bachelor of Science Degree in Aquaculture and Fisheries Science
Aquaculture Track (120 hrs)**

FALL SEMESTER				SPRING SEMESTER			
FRESHMAN YEAR							
English Composition I	ENGL	1311	3	English Composition II	ENGL	1321	3
Principles of Biology I	BIOL	1455	4	Principle of Biology II	BIOL	1456	4
College Algebra	MATH	1330	3	College Trigonometry	MATH	1340	3
Personal & Social Dev.	BAS	1210	2	Career & Life Planning	BAS	1120	1
Topics in Aqua. & Fish.	AQFI	1102	1	Swimming	HLPE	1112	1
Personal Health & Safety	HLPE	1310	<u>or</u>	Social Science elective*			3
Nutrition and Wellness	HUMN	1311	3				
			16				15
SOPHOMORE YEAR							
Oral Communication	MCOM	2390	3	Aquaculture	AQFI	2329	3
Music Appreciation	MUS	2330	<u>or</u>	Aquaculture Lab	AQFI	2129	1
Art Appreciation	ART	2340	3	Intro to Literature	ENGL	2300	3
Biology of Fishes	AQFI	2253	2	Intro to Humanities	HUMN	2301	3
Biology of Fishes Lab	AQFI	2153	1	General Chemistry II	CHEM	1440	4
General Chemistry I	CHEM	1430	4	US History to 1877/ US History since 1877	HIST	2315/ 2318	<u>or</u>
General Zoology	BIOL	1460	4	American Government	PSCI	2312	3
			17				17
JUNIOR YEAR							
Limnology	AQFI	3329	3	Fund. Organic Chemistry	CHEM	2412	4
Social Science elective*			3	Fisheries Management	AQFI	3371	3
Fisheries Techniques	AQFI	2247	2	Ichthyology	AQFI	2462	4
Fisheries Techniques Lab	AQFI	2147	1	Hatchery Management	AQFI	3360	<u>or</u>
Aquatic Animal Nutrition	AQFI	4336	3	Fish Genetics	AQFI	4350	3
Free Electives**			3	Free Electives**			2
			15				16
SENIOR YEAR							
Marketing & Public Relations in Aquaculture	AQFI	4323	<u>or</u>	Senior Seminar	AQFI	4201	2
Economics of Aquaculture & Natural Resources	AQFI	4322	3	Hatchery Management	AQFI	3360	<u>or</u>
Physics I	PHYS	2410	4	Fish Genetics	AQFI	4350	3
Free electives **			5	Free electives**			7
			12				12

**Curriculum for Bachelor of Science Degree in Aquaculture and Fisheries Science
Aquaculture & Seafood Business Track (120 hrs)**

FALL SEMESTER				SPRING SEMESTER			
FRESHMAN YEAR							
English Composition I	ENGL	1311	3	English Composition II	ENGL	1321	3
Principles of Biology I	BIOL	1455	4	College Trigonometry	MATH	1340	3
College Algebra	MATH	1330	3	Career & Life Planning	BAS	1120	1
Personal & Social Dev.	BAS	1210	2	Swimming	HLPE	1112	1
Topics in Aqua. & Fish.	AQFI	1102	1	Oral Communication	MCOM	2390	3
Personal Health & Safety	HLPE	1310	or	US History to 1877/ US History since 1877	HIST	2315/ 2318	or
Nutrition and Wellness	HUMN	1311	3	American Government	PSCI	2312	3
			16				14
SOPHOMORE YEAR							
Music Appreciation	MUS	2330	or	Aquaculture	AQFI	2329	3
Art Appreciation	ART	2340	3	Aquaculture Lab	AQFI	2129	1
General Chemistry I	CHEM	1430	4	Intro to Humanities	HUMN	2301	3
Biology of Fishes	AQFI	2253	2	Intro to Literature	ENGL	2300	3
Biology of Fishes Lab	AQFI	2153	1	Principles of Economics II	ECON	2320	3
Principles of Economics I	ECON	2310	3	Principles of Accounting II	ACCT	2323	3
Principles of Accounting I	ACCT	2311	3				
			16				16
JUNIOR YEAR							
Marketing & Public Relations in Aquaculture	AQFI	4323	or	Hatchery Management	AQFI	3360	or
Economics of Aquaculture & Natural Resources	AQFI	4322	3	Fish Genetics	AQFI	4350	3
Fisheries Techniques	AQFI	2247	2	Business Statistics I	ECON	3311	or
Fisheries Techniques Lab	AQFI	2147	1	Biostatistics	AGRI	3351	3
Calculus I	MATH	2510	5	Computer Science elective	CPSC	-	3
Principles of Management	MGMT	3300	3	Principles of Finance	FINA	3310	3
				Free Electives**			3
			14				15
SENIOR YEAR							
Marketing & Public Relations in Aquaculture	AQFI	4323	or	Senior Seminar	AQFI	4201	2
Economics of Aquaculture & Natural Resources	AQFI	4322	3	Fisheries Management	AQFI	3371	3
Aquatic Animal Nutrition	AQFI	4336	3	Free electives**			9
Limnology	AQFI	3329	3				
Free Electives**			6				
			15				14

Applies to all tracks:

Recommended General Electives:	Course No.		Credits	* Allowable Social Science electives:	Course No.		Credits
Hatchery Management	AQFI	3360	3	Principles of Economics I & II	ECON	2310/ 2320	3
Fish Genetics	AQFI	4350	3	General Psychology	PSYC	2300	3
Economics of Aqua & Natural Resources	AQFI	4322	3	Western Civilization I & II	HIST	1330/ 1340	3
Marketing & Public Relations in Aquaculture	AQFI	4323	3	US History	HIST	2315/ 2318	3
Introduction to Statistics	MATH	2370	3	Intro to Sociology	SOCI	2310	3
Business Statistics I	ECON	3311	3	American Government	PSCI	2312	3
Biostatistics	AGRI	3351	3	World Regional Geography	GEOG	2360	3
Calculus I	MATH	2510	5	Intro to Social Science	SOCI	1320	3

Aquaculture and Fisheries Internship: AQFI 2601, 2602, and 2603 6 credits each***
 Special Problems: AQFI 4V00 1-3 credits ****

- ** Students take all general electives with advisor's consent
- *** Only one 6-credit course can count towards the 120 credits of the B.S. degree.
- **** Variable credit course taken with consent of Department Chair and instructor.