Student: ID No.: Advisor:

I. GENERAL EDUCATION (min 40 cr)			III. PROFESSIONAL COURSES (min. 30 c.			
	Course Nc Grade C	<u>r.</u>	Course Description:	Course No. 0	Grade Cr	. Off:
Knowledge			Foundational Courses min of 6 cr, count as	supporting electives))	
A1. STEM	BIO 101		Shellfish Aquaculture	AFS201 (3,1)		F
A2. Social and Behavioral Sciences	EEC 105		Finfish Aquaculture	AFS202 (2,1)		S
A3. Humanities			Fisheries Science	AFS215 (2,1)		F
A4. Arts and Design						•
ū			Concentration Courses (choose any from list	t below,		
Competencies			min. 20 cr; at least 12 from AFS, rest from BIO,EEC			
B1. Write effectively			Suggested Courses in Aquaculture(ch			
B2. Communicate effectively			Crustacean Aquaculture	AFS 362 (3)		Alt.S(e)
B3. Mathematical, statistical, computation			Marine Finfish Aquaculture	AFS 432 (3)		Alt.S(o)
B4. Information literacy (e.g. BIO396)			Salmonid Aquaculture	AFS 483 (3)		F
			Topics in Molluscan Aquaculture	AFS 581 (3)		Alt.F(o)
Responsibilities			Advanced Aquaculture Systems	AFS 584 (3)		AltS(e)
C1. Civic knowledge & responsibility			Suggested Courses in Fisheries (choo	se from):		
(e.g. MAF100, MAF220)			World Fishing Methods and Lab (3,1)	AFS 321/322		F
C2. Global responsibilities (e.g. OCG123G)			Fisheries Ecology	AFS 415/416		Alt.F(e)
C3. Diversity and inclusion (e.g.MAF 370)			Fisheries Stock Management	AFS 531 (3)		Alt.S(e)
Integrate & Apply		_	Ecosystem Based Fisheries Sci. & Mngt	AFS 560 (3)		Alt.S(o)
D1. Ability to Synthesize (e.g. AFS300, 440)		_	Common courses (choose from):			_
			Diseases of Aquatic Organisms	AFS 300 (3,1)		S
Grand Challenge			Aquaculture and the Environment	AFS 425 (3)		F
G. Grand Challenge Course	AFS 105G		Aqua. Food Production, Philippines	AFS 440 (3)		J-term
			General Oceanography	OCG 301 (3)		F
Additional General Education			Marine Biology	BIO 360 (3,1)		F,S
Additional General Education			Fish Physiology	AFS 486 (3)		F
Additional General Education			Additional Concentration Course***			
Additional General Education			Additional Concentration Course***			
			Additional Concentration Course***			
			A d ditional Componentian Common***			
			Additional Concentration Course***			
II. PRE-PROFESSIONAL & BASIC SCIENC	ES	\exists	IV.INTERNSHIPS/INDEPENDENT PROJECT			
II. PRE-PROFESSIONAL & BASIC SCIENC			IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study	AFS391/2(1-3)		F,S,Sm
A. Introductory Professional Courses (10 credits)		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study Special Project/Independent Study	AFS391/2(1-3) AFS391/2(1-3)		F,S,Sm
A. Introductory Professional Courses (*) Foods from the Sea (3,1; F)	10 credits) AFS105G/106		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study	AFS391/2(1-3)		F,S,Sm F,S,Sm
A. Introductory Professional Courses (AF\$105G/106 EEC105		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study Special Project/Independent Study	AFS391/2(1-3) AFS391/2(1-3)		F,S,Sm
A. Introductory Professional Courses (*) Foods from the Sea (3,1; F)	10 credits) AFS105G/106		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3)		F,S,Sm F,S,Sm
A. Introductory Professional Courses (*Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S)	AF\$105G/106 EEC105		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3)		F,S,Sm F,S,Sm
A. Introductory Professional Courses (*) Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits)	AF\$105G/106 EEC105		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr)	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (*) Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr)	AFS105G/106 EEC105 NRS100		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3)		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S)	AF\$105G/106 EEC105 NR\$100		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3)		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S)	AF\$105G/106 EEC105 NR\$100		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3)		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S)	AF\$105G/106 EEC105 NR\$100		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3)		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S)	AF\$105G/106 EEC105 NR\$100		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3)		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (*Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S)	AF\$105G/106 EEC105 NR\$100		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3)		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr)	AF\$105G/106 EEC105 NR\$100		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) Ves		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (*Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S)	BIO 101 BIO 102 BIO 104 CHM		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study Special Project/Independent Study Special Project/Independent Study Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other elective	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) Ves URI101 (1)		F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr)	BIO 101 BIO 103 BIO 104 BIO 104		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other elective Independent Success * Some courses may count for more than one cat	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) Ves URI101 (1)	double	F,S,Sm F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (*Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S) CHM 102 or 105 (1; F,S)	BIO 101 BIO 102 BIO 104 CHM		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other electing Planning for Academic Success * Some courses may count for more than one cat count credits in the total count.	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) ves URI101 (1) egory. If so, do not compare the compared to the compar	double	F,S,Sm F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (*Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S) CHM 102 or 105 (1; F,S) Additional Basic Sciences** (min 12 cr)	BIO 101 BIO 102 BIO 104 CHM		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other electing Planning for Academic Success * Some courses may count for more than one cat count credits in the total count. ** Suggested Basic Science (check General Education)	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) ves URI101 (1) egory. If so, do not contain catalog)		F,S,Sm F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S) CHM 102 or 105 (1; F,S) Additional Basic Sciences** (min 12 cr) Mathematics (MTH103/111/131/141)	BIO 101 BIO 102 BIO 104 CHM		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other electing Planning for Academic Success * Some courses may count for more than one cat count credits in the total count. ** Suggested Basic Science (check General Educa Math: Calculus (MTH131) is required for a fisheries	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) ves URI101 (1) egory. If so, do not contain catalog) s focus; otherwise, eith	her	F,S,Sm F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S) CHM 102 or 105 (1; F,S) Additional Basic Sciences** (min 12 cr) Mathematics (MTH103/111/131/141) Additional Basic Sci (Physical Sciences)	BIO 101 BIO 102 BIO 104 CHM		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other electing Planning for Academic Success * Some courses may count for more than one cat count credits in the total count. *** Suggested Basic Science (check General Educa Math: Calculus (MTH131) is required for a fisheries MTH103 or MTH111 fulfill the requirement; Chem:	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) ves URI101 (1) egory. If so, do not contain contain catalog) s focus; otherwise, eith At least 2 sem. of Che	ner em are	F,S,Sm F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (*Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S) CHM 102 or 105 (1; F,S) Additional Basic Sciences** (min 12 cr) Mathematics (MTH103/111/131/141) Additional Basic Sci (Physical Sciences) Additional Basic Sci (Ecology/Ecosystem)	BIO 101 BIO 102 BIO 104 CHM		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other electing Planning for Academic Success * Some courses may count for more than one cat count credits in the total count. *** Suggested Basic Science (check General Educa Math: Calculus (MTH131) is required for a fisheries MTH103 or MTH111 fulfill the requirement; Chem: needed if you plan to go to grad school (e.g. add Cl	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) ves URI101 (1) egory. If so, do not contain the contai	ner em are	F,S,Sm F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (** Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S) CHM 102 or 105 (1; F,S) Additional Basic Sciences** (min 12 cr) Mathematics (MTH103/111/131/141) Additional Basic Sci (Physical Sciences)	BIO 101 BIO 102 BIO 104 CHM		V.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other elective Independent Success * Some courses may count for more than one cate count credits in the total count. *** Suggested Basic Science (check General Education Math: Calculus (MTH131) is required for a fisheries MTH103 or MTH111 fulfill the requirement; Chem: needed if you plan to go to grad school (e.g. add Clany basic course in Geology (GEO), Oceanography	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) Ves URI101 (1) egory. If so, do not contain a	ner em are <u>I Sci</u> :	F,S,Sm F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (*Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S) CHM 102 or 105 (1; F,S) Additional Basic Sciences** (min 12 cr) Mathematics (MTH103/111/131/141) Additional Basic Sci (Physical Sciences) Additional Basic Sci (Ecology/Ecosystem)	BIO 101 BIO 102 BIO 104 CHM		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other electing Planning for Academic Success * Some courses may count for more than one cat count credits in the total count. *** Suggested Basic Science (check General Educa Math: Calculus (MTH131) is required for a fisheries MTH103 or MTH111 fulfill the requirement; Chem: needed if you plan to go to grad school (e.g. add Cl	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) Ves URI101 (1) egory. If so, do not contain a	ner em are <u>I Sci</u> : 212,	F,S,Sm F,S,Sm F,S,Sm F,S,Sm
A. Introductory Professional Courses (*Foods from the Sea (3,1; F) Intro to Resource Econ (3; F,S) Natural Resource Conserv (3; F,S) B. Basic Sciences (24 credits) Biology (8 cr) Principles of Biology I (3; F,S) Principles of Biology I Lab (1; F,S) Principles of Biology II (3; F,S) Principles of Biology II (3; F,S) Principles of Biology II Lab (1; F,S) Chemistry (4 cr) CHM 101 or 103 (3, F,S) CHM 102 or 105 (1; F,S) Additional Basic Sciences** (min 12 cr) Mathematics (MTH103/111/131/141) Additional Basic Sci (Physical Sciences) Additional Basic Sci (Ecology/Ecosystem) Additional Basic Sci (Computational/Stats)	BIO 101 BIO 102 BIO 104 CHM CHM MTH		IV.INTERNSHIPS/INDEPENDENT PROJECT Special Project/Independent Study V. SUPPORTING***(min 15) AND OTHER Skills and Tools (up to 9 cr) Small Boats: Equipment & Operation Basic Scuba Diving Research Diving Methods Additional supporting and other elective Independent Success * Some courses may count for more than one cate count credits in the total count. *** Suggested Basic Science (check General Education Math: Calculus (MTH131) is required for a fisheries MTH103 or MTH111 fulfill the requirement; Chem: needed if you plan to go to grad school (e.g. add Clany basic course in Geology (GEO), Oceanography (OCG), Physics (PHY); Ecology/Ecosystem Science	AFS391/2(1-3) AFS391/2(1-3) AFS491/2(1-3) AFS491/2(1-3) AFS491/2(1-3) ELECTIVES AFS 290 (3) AFS 270 (3) AFS 433 (3) Ves URI101 (1) egory. If so, do not contain a	ner em are <u>I Sci</u> : 212,	F,S,Sm F,S,Sm F,S,Sm F,S,Sm
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B.S. Aquaculture and Fisheries Science- Effective Fall 2019 Sample 4 Year Plan

College of the Environment and Life Sciences

Freshman Year Fall Semester

Course Code	Description	Cr		
AFS 105G/106	Food from the Sea Lec/ Lab	4		
BIO 101/103	Principles of Biology I/ Lab	4		
EEC 105	Introduction to Resource Economics	3		
	*General Education (e,g. AFS132)	3		
	*General Education (WRT or COM)			
URI 101	Planning for Academic Success	1	·	
* Counting for General Education				

Freshman Year Spring Semester

Course Code	Description	Cr	
AFS 202	Finfish Aquaculture	3	
BIO 102/104	Principles of Biology II/ Lab	4	
OCG/GEO	Basic Science (Physical Sci)	3	
MTH	Precalculus or Applied Calculus I	3	
	*General Education	3	
* From General Education Course Offerings		16	

Year 1 Milestones: Earn at least 30 credits and a GPA of 2.0 or higher. Meet with your Advisor for AFTC option discussion.

Sophomore Year Fall Semester

Course Code	Description	Cr		
AFS 201	Shellfish Aquaculture	3		
NRS 100	Natural Resource Conservation	3		
CHM 103/105	Introduction Chemistry Lecture/Lab	4		
	Supporting Elective (e.g. skills)	3		
	*General Education	3		
		16		

Sophomore Year Spring Semester

Course Code	Description	Cr	
	Concentration Course	3	
	Concentration Course	3	
e.g. BIO 262	Basic Science (Ecology/Ecosystem)	4	
	Supporting Elective (skills)	3	
	*General Education	3	
		16	

Year 2 Milestones: Earn at least 64 credits and a GPA of 2.0 or higher. Meet with your Advisor to dicuss major, internships and research opprtunities.

Junior Year Fall Semester

Course Code	Description	Cr	
	Concentration Course	3	
	Concentration Course	3	
	Supporting Elective	3	
	Basic Science (Computer Sci/Stats)	3	
	*General Education	3	
•	·	15	

Junior Year Spring Semester

Course Code	Description	Cr	
	Concentration Course	3	
	Concentration Course	3	
	Supporting Elective	3	
	**Special Projects or Internship	3	
	*General Education or Elective	3	
** could be done in the Summer			

Year 3 Milestones: Earn at least 85 credits and a GPA of 2.0 or higher. Meet with your Advisor to prepare intent to graduate application for fall submission.

Senior Year Fall Semester

Course Code	Description	Cr	
	Concentration Course	3	
	Concentration Course	3	
	Supporting Elective	3	
	Basic Science	3	
	*General Education or Elective	3	
		15	

Senior Year Spring Semester

Course Code	Description	Cr	
	Concentration Course	3	
	Supporting Elective	3	
	Supporting Elective	3	
	*General Education	3	
	Elective	3	
		15	

Year 4 Milestones: Earn 120 credits and a GPA of 2.0 or higher in CUM and CON. Complete all remaining required courses.

120

Total Credits to Graduate =

Effective Fall 2019