

Freshwater Sciences Major - Aquatic Sciences Track

Sample Four Year Plan

YEAR 1				
Fall	cr	Spring	cr	
FRSHWTR 120 Preparing for a Career in Frshwtr Sciences	1	FRSHWTR 101 Elements of Water	3	
CHEM 100 Chemical Science	4	CHEM 102 General Chemistry	5	
MATH 105 Introduction to College Algebra (QLA)	3	MATH 115 Precalculus	4	
ENG 101 Introduction to College Writing	3	BIO SCI 150 Foundations of Biological Sciences I (NS+)	4	
Humanities GER	3			
Total	14		16	
YEAR 2				
Fall	cr	Spring	cr	
FRSHWTR 202 Life in Water	4	FRSHWTR 201 The Water Environment	3	
CHEM 104 General Chemistry & Qualitative Analysis	5	ENG 102 College Writing and Research (OWC-A)	3	
MATH 213 Calculus with Life Sciences Applications	4	MTHSTAT 215 Elementary Statistical Analysis (QLB)	3	
BIO SCI 152 Foundations in Biological Sciences II (NS+)	4	1 st semester World Language	4	
		Arts GER	3	
Total	17		16	
YEAR 3				
Fall	cr	Spring	cr	
ECON 103 Principles of Microeconomics (SS)	3	FRSHWTR 392 Water-Energy-Food-Climate	3	
COMPSI 202 Introductory Programming	3	FRSHWTR 391 Water and Natural Resource Economics	3	
FRSHWTR 361 Intro to Environmental Data Systems	4	PHYSICS 120 General Physics I	4	
2 nd semester World Language	3	FRSHWTR 464 Chemical Hydrogeology	4	
GER OWC-B	3			
Total	16		14	
YEAR 4				
Fall	cr	Spring	cr	
FRSHWTR 660 Professional and Capstone Planning	1	FRSHWTR 661 Undergraduate Capstone	3	
GEOG 215 Introduction to GIS	3	Social Science GER	3	
AS Elective	3	AS Elective	3	
AS Elective	3	Cultural Diversity GER	3	
Humanities GER	3			
Additional Elective	3			
Total	16		12	

KEY	
(A) Arts GER	(Int'l) International
(HU) Humanities	(CD) Cultural Diversity GER
(NS) Natural Science	(QL-A) Quantitative Literacy A
(SS) Social Science	(QL-B) Quantitative Literacy B
(OWC-A) Oral and Written Communication A	(OWC-B) Oral and Written Communication B
(AS) Aquatic Science Elective – 9 cr from the list	Additional Elective – any undergrad or U/G course