



ENVIRONMENTAL SCIENCE AND STUDIES PROGRAM

GRADUATE SCHOOL – BS

First Year			
Fall Semester		Spring Semester	
ES 211 Intro To Environmental Science	4	BIO115 Organismal Form & Functions or BIO 110 -Biological Communities, Evolution and Biodiversity	4
MATH 116 or MATH 120 – Pre-Calculus	4	Math 211 Applied Calculus or Math 231 – Calculus I	4
English 103 (First Year Composition)	4	International or Women Studies ES	4
ADW 111- African Diaspora and the World	4	ADW 112 - African Diaspora and the World 112	4
First Year Experience	1	First Year Experience	1
TOTAL	17	TOTAL	17

Subtotal freshman year: 33

Sophomore Year			
Fall Semester		Spring Semester	
CHEM 111, 111L General Chemistry and Lab	4	CHEM112, 112L General Chemistry and Lab	4
BIO 120 – Cellular Biology or BIO/ES 312 – Environmental Biology	4	Math 205 General Statistics or Math 355 Biostatistics or Math 212 Applied Calculus II or Math 232- Calculus II	4
World Language 201	4	World Language 202	4
PHY 111, 111L General Physics & Lab	4	PHY 112 General Physics II & Lab	4
Sophomore Year Experience		Sophomore Year Experience	0
TOTAL	16	TOTAL	16

Subtotal sophomore year: 32

Junior Year			
Fall Semester		Spring Semester	
ES 312 – Water Resources and Management & Lab	4	ES 315 Sustainable Development	4
ES 252 – Introduction to Geosciences & Lab	4	ES 251 – Air and Atmospheric Sciences & Lab	4
CIS 111 Discovering Computer Science or CIS 121 Computer Science	4	ES/STEM Elective	4
Social Science	4	Humanities	4
TOTAL	16	TOTAL	16

Subtotal junior year: 32

Senior Year			
Fall Semester		Spring Semester	
ES 435a – Environmental Science Research	2	ES 435b – Environmental Science Research	2
ES 452 - Applications to Environmental Science - a capstone experience	4	Elective	4
Fine Arts	4	ES 425 Global Environmental Change	4
Elective	4	ES/STEM Elective	4
Health and Physical Education	1-2	Health and Physical Education	1-2
TOTAL	15-16	TOTAL	15-16

Subtotal senior year: 30-32

Cumulative Total: 125 130
 Total for Graduation: 120