



ENVIRONMENTAL SCIENCE AND STUDIES PROGRAM

PRE-HEALTH CAREERS TRACK - BS

(Medical school, Dentistry School, Physical Therapy School, Pharmacy, Nursing School,
Environmental Health Nursing School, Public Health and other related fields)

First Year			
Fall Semester		Spring Semester	
ES 211 Intro To Environmental Science & Lab	4	CHEM 111, 111L General Chemistry and Lab	4
Math 211 Applied Calculus or Math 231 – Calculus I	4	ES 200 Intro to Environmental Health	4
English 103 (First Year Composition)	4	BIO115 Organismal Form & Function	4
African Diaspora and the World III	4	African Diaspora and the World 112	4
First Year Experience	1	First Year Experience	1
TOTAL	17	TOTAL	17

Subtotal freshman year- 34

Sophomore Year			
Fall Semester		Spring Semester	
CHEM112, 112L General Chemistry and Lab	4	CHEM 231, 231L, 231R Organic Chemistry, Lab and Recitation	5
BIO 120 Cellular Biology	4	Math 212 Applied Calculus II or Math 232- Calculus II or Math 205 General Statistics or Math 355 Biostatistics	4
PHY 111, 111L General Physics and Lab	4	PHY 112, 112L General Physics II & lab	4
World Language 201	4	World Language 202	4
Health and Physical Education	1-2	Health and Physical Education	1-2
Sophomore Year Experience	0	Sophomore Year Experience	0
TOTAL	17-18	TOTAL	17-18

Subtotal sophomore year 34- 36

Junior Year			
Fall Semester		Spring Semester	
ES 252 – Introduction to Geosciences & Lab	4	ES 251 –Air and Atmospheric Sciences	4
CHEM232, 232L, 232R Organic Chemistry, Lab and Recitation	5	BIO 470 –Biomolecules or CHEM• 311: Biochemistry	4
CIS 111 Discovering Computer Science or CIS 121 Computer Science	4	PSY 201: General Psychology,	4
Humanities (second English)	4	Test Prep/MCAT 2015 Review Course	
TOTAL	17	TOTAL	17

Subtotal junior year: 34

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
ES 315 Sustainable Development	4	International or Women Studies	4
ES 312 – Water Resources and Management	4	ES/STEM Elective	4
TOTAL	18	TOTAL	18

Subtotal senior year: 36

Cumulative Total: 138-139

Total for Graduation: 120