



Department of Earth and Environmental Science
Bachelor of Science in Geoscience- Environmental Science

Freshman Year			
Semester 1	Credits	Semester 2	Credits
ENGL 101 English Composition I	4 cr	ENGL 102 English Composition II	4 cr
EESC 201 Environmental Science for All	3 cr	EESC 135 Our Planet Earth	3 cr
Gen Ed Tier 1 (EESC 121 Mapping the City)	3 cr	MATH 175 Enhanced Precalculus	4 cr
Gen Ed Tier 2 (EESC 226 Earth 360)	3 cr	Gen Ed Tier 1	3 cr
Gen Ed Tier 1	3 cr		
Total	16 cr	Total	14 cr
Optional (Summer 1 and/or Summer 2)			

Sophomore Year			
Semester 1	Credits	Semester 2	Credits
EESC 221 Essential Methods of Geology (or EESC 2xx Hands on Earth)	3 cr	EESC 252 GIS I	3 cr
BIOL 130 Principles of Biology I	4 cr	Gen Ed Tier 2 (EESC 235 Global Climate Change)	3 cr
CHEM 105/1105 General Chemistry I	5 cr	BIOL 130 Principles of Biology II	4 cr
Gen Ed Tier 1 (EESC 120 Water Explorer)	3 cr	CHEM 106/1106 General Chemistry II	5 cr
Total	15 cr	Total	15 cr
Optional (Summer 1 and/or Summer 2)			

Junior Year			
Semester 1	Credits	Semester 2	Credits
EESC 209 Urban Env. Issues & Policy	3 cr	EESC 340 Hydrology I	3 cr
Gen Ed Tier 2 (EESC 250 Plunder)	4 cr	Gen Ed Tier 2	3 cr
Gen Ed Tier 2	3 cr	Gen Ed Tier 2	3 cr
MATH 192 Calculus I	4 cr	PHYS 130/1130 College Physics/Physics I Recitation & Laboratory	4 cr
		Environ Science BS Elective 1	3 cr
Total	14 cr	Total	16 cr
Optional (Summer 1 and/or Summer 2)			

Senior Year			
Semester 1	Credits	Semester 2	Credits
EESC 410 Urban Soil Survey	4 cr	EESC 446 Intro to Geochemistry	3 cr
CHEM 205/2205 Analytical or CHEM 207/2207 Organic	4 or 5 cr	Environ Science BS Elective 2	3 or 4 cr
Gen Ed Tier 3 (EESC 3xx Energy, Society and Sustainability)	3 cr	Elective	3 cr
BIOL 332 Field Ecology or BIOL 232 Invertebrate Zoology	4 cr	Elective	3 cr
		Elective	2-3 cr
Total	15-16 cr	Total	14-15 cr
Optional (Summer 1 and/or Summer 2)			