



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 109 Principles of Environmental Science	3 cr	ENGL 130 Reading the Environment (Tier 1)	3 cr
PHIL 113 Environmental Ethics (Tier 1)	3 cr	EESC 112 Intro to Geology	3 cr
EESC 121 Mapping the City (Tier 1)	3 cr	EESC 231, 235 (Tier 2)	3 cr
MATH 140 Statistics	3 cr	ART 145 or POLI 120 or ECON 115(Tier 1) (recommended)	3 cr
Total	16 cr	Total	16 cr
Optional (Summer 1 and/or Summer 2)			

Sophomore Year			
Semester 1	Credits	Semester 2	Credits
EESC 221 Essential Methods	3 cr	PHIL 246 or PHIL 245 (Tier 2) (Required)	3 cr
BIOL 240 Scientific Communication (Tier 2) (recommended)	3 cr	EESC 348 Environmental Geology or EESC 446 Intro Geochemistry	3 cr
BIOL 130 Principles of Biology I	4 cr	BIOL 130 Principles of Biology II	4 cr
CHEM 105/1105 General Chemistry I	5 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	3 cr
EESC 410 Urban Soil Survey or EESC 434 Earth Surface Processes	4 cr	SOCI 230 or SOCI 237 (Tier 2) (Recommended)	3 cr
EESC 220, 226 (Tier 2)	3 cr	ART 286 or another CPP Tier 2	3 cr
PHYS 130 College Physics	4 cr	BIOL 332 Field Ecology	4 cr
Total	14 cr	Total	13 cr
Optional (Summer 1 and/or Summer 2)			

Senior Year			
Semester 1	Credits	Semester 2	Credits
EESC Elective	3 or 4cr	EESC 349 Intro to Hazmat Field Tech	4cr
CHEM 205/2205 Analytical or CHEM 207/2207 Organic	4 or 5 cr	EESC Elective	3 or 4cr
GenEd Tier 3 (See Recommended class list)	3 cr	General Elective	3 cr
MATH 192 Calculus I	4 cr	General Elective	3 cr
Total	14, 15, or 16cr	Total	13 or 14cr
Optional (Summer 1 and/or Summer 2)			