



Department of Earth and Environmental Science
Bachelor of Arts in Geoscience- Earth Science with or w/o Education co-major

Freshman Year			
Semester 1	Credits	Semester 2	Credits
ENGL 101 English Composition I	4 cr	ENGL 102 English Composition II	4 cr
MATH 175 Enhanced Pre-Calculus (4) or MATH 140 Statistics(3)	3 or 4 cr	PHYS 101 Basic Concepts of Physics	3 cr
BIOL 224 The Human Body (3) (Tier 2) or BIOL 225 Human Sexual Biology (3) (Tier 2) or BIOL 130 Principles Biology(4)	3 or 4 cr	CHEM 100 Prep for Chem	3 cr
EESC 135 Our Planet Earth	3 cr	EESC 201 Environmental Science for All	3 cr
		Gen Ed Tier 1	3 cr
Total	13-15 cr	Total	16 cr
Optional (Summer 1 and/or Summer 2)			

Sophomore Year			
Semester 1	Credits	Semester 2	Credits
EESC 114 Intro to Meteorology (or EESC 2xx Wonders of Weather)	3 cr	Phys 113 Intro to Astronomy	3 cr
EESC 115 Intro to Oceanography (or EESC 2xx The Blue Planet)	3 cr	EESC 246 Earth Materials	4 cr
EESC 221 Essential Methods of Geology (or EESC 2xx Hands on Earth)	3 cr	Gen Ed Tier 1	3 cr
Gen Ed Tier 1	3 cr	Gen Ed Tier 2	3 cr
Gen Ed Tier 1	3 cr	Gen Ed Tier 2	3 cr
Total	15 cr	Total	16 cr
Optional (Summer 1 and/or Summer 2) EESC 540 Geology of New Jersey (3 cr)			

Junior Year			
Semester 1	Credits	Semester 2	Credits
EESC 334 Stratigraphy	3 cr	Earth Science Elective 3	3 cr
Earth Science Elective 1	3 cr	Earth Science Elective 4	3 cr
Earth Science Elective 2	3 cr	Gen Ed Tier 2	3 cr
Gen Ed Tier 2	3 cr	Gen Ed Tier 2	3 cr
Gen Ed Tier 2	3 cr	Elective	3 cr
Total	15 cr	Total	15 cr
Optional (Summer 1 and/or Summer 2)			

Senior Year			
Semester 1	Credits	Semester 2	Credits
Gen Ed Tier 3 (EESC 3xx Energy, Society and Sustainability)	3 cr	Earth Science Elective 5	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	1-3 cr
Total	15 cr	Total	13-15 cr
Optional (Summer 1 and/or Summer 2)			