

ES MAJOR (Energy)

ES Core Requirements	When (to be) Completed?
ENVR 203	
ENVR 204	
ENVR 205	
Breadth course (need one) ES/RU 216, ENVR 227, EN/ES 237, AN/ES 242, ENVR 334, AN/ES 337, ENVR 340, ENVR 348, ENVR 350, ECON 222	
Internship	
ENVR 417	
ENVR 450 or ENVR 457/458	

Energy Requirements	When (to be) Completed?
MATH 105	
MATH 106	
MATH 206	
PHYS 107	
PHYS 108 or FYS 274	
PHYS 222	
PHYS 214 or PHYS 220	
(need one) PHYS 214, PHYS 220, ENVR 229, CHEM 302, PHYS 373	

If possible, students should take Physics 107-108 and Mathematics 105-106, in the first year. These courses serve as prerequisites for the 200 level courses. Chemistry 302 and Physics 361 are similar and are offered in alternate years, although Chemistry 302 requires a year of introductory chemistry as prerequisite. Students may choose either a one- or two-semester senior thesis. Those interested in graduate study in environmentally related fields should review admission requirements in the junior year, or as soon as interest in graduate school is recognized, as these vary widely depending on the program. Students interested in graduate study in engineering will require more background in mathematics and chemistry, and those interested in graduate study in physics generally need to complete the physics major, at a minimum.