

Course number	Course Title	Credit hours	Prerequisite
---------------	--------------	--------------	--------------

**Required:**

ENR 2100	Introduction to Environmental Science	3	
----------	---------------------------------------	---	--

**Choose 2: Introductory Coursework**  
**(must total between 4-7 units)**

ENR/EARTHSC 2155	Energy and Environment	3	
ENR 3000	Soil Science ( <b>REQUIRED FOR SOIL RESOURCES FOCUS AREA</b> )	3	
ENR 3280	Water Quality Management	2	
ENR 3285	Watershed Hydrology	3	
ENR 3321	Biology and Identification of Woody Forest Plants	3	
ENR 3700	Introduction to Spatial Information for Environment and Natural Resources	2	
ENR 5797.06	Study Abroad (Iceland)	3	ENR 5790.06 and Instructor permission
ENR 5797.01	Study Abroad (Australia)	3	Instructor permission
ENR 5797.02	Study Abroad (Australia)	3	Instructor permission

**Controlled Electives:**

**(add courses from one of the following 3 focus areas to meet the 15 unit minimum requirement; must not overlap with Introductory Coursework)**

*Ecosystem Restoration*

ENR 3322	Forest Ecosystems	3	ENR 2100, ENR 2300, & ENR 3321
ENR 4260	Soil Resource Management	3	ENR 3000
ENR 5250.01	Wetland Ecology and Restoration	3	ENR 5280
ENR 5273	Environmental Fate and Impact of Contaminants in Soil and Water	3	2 semesters of CHEM
ENR 5279	Soil & Ecosystem Services: Assessment & Restoration	3	
ENR 5280	Stream Ecology	4	ENR 3300
ENR 5560	Rehabilitation/Restoration of Ecosystems	2	ENR 2100, ENR 2300, & addit'l 12 cr hrs in ENR; or Senior standing
EEOB 3410	Ecology	4	Biology 1114
FABE/ENVENG 5310	Ecological Engineering and Ecosystem Restoration	4	Junior standing
GEOG 2960	Introduction to Physical Geography	4	
GEOG 3980	Biogeography: An Introduction to Life on Earth	3	
GEOG 3900	Global Climate Change: Causes and Consequences	3	

*Soil Resources and Environmental Sustainability*

ENR 3001	Soil Science Laboratory	1	ENR 3000
ENR 4260	Soil Resource Management	3	
ENR 5260	Soil Landscapes: Morphology, Genesis & Classification	3	ENR 3000
ENR 5261	Environmental Soil Physics	3	
ENR 5262	Soil Chemical Processes & Environmental Quality	3	
ENR 5263	Biology of Soil Ecosystems	3	ENR 3000
ENR 5268	Soils and Climate Change	2	
ENR 5273	Environmental Fate and Impact of Contaminants in Soil and Water	3	
ENR 5279	Soil & Ecosystem Services: Assessment & Restoration	3	
EARTHSC 2203	Environmental Geoscience	3	
EARTHSC 5550	Geomorphology	4	EARTHSC 1121 & EARTHSC 1122
GEOG 3900	Global Climate Change: Causes and Consequences	3	

Course number	Course Title	Credit hours	Prerequisite
<i>Water Science</i>			
ENR 5250.01	Wetland Ecology and Restoration	3	ENR 5280
ENR 5273	Environmental Fate and Impact of Contaminants in Soil and Water	3	
ENR 5280	Stream Ecology	4	ENR 3300
ENR 5345	Methods in Aquatic Ecology	4	ENR 2100
EARTHSC 2204	Exploring Water Issues	3	
EARTHSC 2206	Principles of Oceanography	3	
EARTHSC 4450	Water, Ice, and Energy in the Earth System	3	EARTHSC 1121& CHEM 1210; or PHYSICS 1250

### **Restrictions and General Information**

1. The minor is not available to students majoring in Environmental Science, Natural Resource Management or Forestry, Fisheries and Wildlife. Students majoring in Environmental Policy & Decision Making or Environment, Economy, Development and Sustainability should take an additional course from the list of introductory coursework in place of ENR 2100 (unless using the 3 hour allowable overlap for ENR 2100).
2. A maximum of 6 approved study abroad credits (ENR 5797 or a related study abroad experience as approved by an ENR advisor) may be used toward the minor unless specified otherwise.
3. A minimum 2.00 cumulative point-hour ratio is required in the minor course work; and a minimum grade of a C- is required for each course used to complete the minor.
4. A minor should be declared at the time a student accumulates 60 hours.
5. A student is permitted to overlap up to 6 credit hours between the GE and the minor.
6. The minor must contain a minimum of 12 credit hours distinct from the major and/or additional minors (i.e. if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with a major or with another minor).
7. The minor must include at least 6 hours of upper-level or upper-division course work (3000 or above).
8. Course work graded Pass/Non-Pass cannot count in the minor, and no more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.
9. A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.
10. No more than 3 credit hours of xx93 may count toward the minor.