

BACHELOR OF ARTS

Environmental Science integrates natural and social sciences to study the interrelationships between people and nature. Using an interdisciplinary approach that incorporates academic fields like ecology, hydrology, earth and soil sciences, natural resource management, ethics, as well as environmental policy and law, the Environmental Science program empowers students to analyze complex environmental issues across multiple perspectives. In doing so, Environmental Science students learn to assess causes of environmental problems and apply their knowledge to develop solutions to these problems.

About this Program

- **College:** Agricultural and Life Sciences (<http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/>)
- **School:** Natural Resources and Environment (<http://catalog.ufl.edu/UGRD/colleges-schools/UGNTR/>)
- **Degrees:** Bachelor of Arts (p. 1) | Bachelor of Science (http://catalog.ufl.edu/UGRD/colleges-schools/UGNTR/EVS_BA_BS/EVS_BS/)
- **Credits for Degree:** 120
- **More Info**

To graduate with this major, students must complete all university, college, and major requirements.

School Information

The School of Natural Resources and Environment (SNRE) offers campus-wide, interdisciplinary degree programs at both the undergraduate and graduate levels. SNRE is governed by the SNRE Advisory Board and advised by the SNRE Faculty Advisory Council.

Website (<http://snre.ifas.ufl.edu/>)

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Curriculum

- Combination Degrees
- Environmental Science
- Environmental Science Minor

The School of Natural Resources and Environment's environmental science degrees approach complex environmental issues with multidisciplinary academic knowledge and interdisciplinary perspectives to prepare graduates for jobs in environmental consulting companies, government environmental offices, land and water management agencies, or non-government organizations. SNRE's environmental science degrees are campus-wide programs, allowing students to learn from experts in multiple academic units at the University of Florida. Multiple course options are available to meet most degree requirements, giving students a large degree of flexibility in customizing their program of study to suit their individual interests with the assistance of the advising staff.

About half of Environmental Science students advance to graduate or professional degree programs. The combination of the school's broad undergraduate degree with a subsequent graduate or professional degree is highly marketable.

The school also offers a combination degree program that pairs a bachelor's degree in environmental science with a Master of Science in interdisciplinary ecology.

Requirements and Differences Between BA and BS Degrees

Both Bachelor of Science and Bachelor of Arts degrees prepare students for a wide range of careers in environmental science. The BS places greater emphasis on the natural sciences, whereas the BA is more focused on the social sciences and their application to economics, policy, and management.

The freshmen and sophomore years lay a foundation of coursework through critical-tracking courses for building later expertise. Students need to know the natural sciences of physics, chemistry, and biology. Study of microeconomics and macroeconomics is required to understand the human economy. Introductory statistics empowers students to independently evaluate quantitative data. College algebra (BA) and an introduction to calculus (BS) enable students to work with rates of change, the heart of ecological science.

Critical-Tracking Requirement	BA	BS
Biological Sciences	BSC 2010/L & BSC 2011/L (8 credits)	BSC 2010/L & BSC 2011/L (8 credits)
General Chemistry	CHM 2045/L (4 credits)	CHM 2045/L & CHM 2046/L (8 credits)

Economics	ECO 2013 & ECO 2023 (8 credits)	AEB 3103 (4 credits) or ECO 2013 & ECO 2023 (8 credits)
Mathematics	MAC 1147 (4 credits)	MAC 2311 (4 credits) or MAC 2233 (3 credits)
Physics	PHY 2004 (3 credits) or PHY 2020 (3 credits)	PHY 2004/L (4 credits) or PHY 2048/L (4 credits) or PHY 2053/L (5 credits)
Statistics	STA 2023 (3 credits)	STA 2023 (3 credits)
Public Speaking	AEC 3030C (3 credits) or SPC 2608 (3 credits)	N/A
Total	33 credits	30-36 credits

In addition to the critical tracking requirements, students admitted as freshmen are responsible for completing the university's General Education and Writing Requirements.

Certain critical tracking and core courses simultaneously fulfill General Education and Writing Requirements, and students should seek to maximize the number of overlapping courses for efficiency. For most students, all but 15 credits of the General Education requirement are met through the BA and BS curriculum.

- Biological and Physical Science and Mathematics requirements are satisfied through critical tracking coursework
- The Social and Behavioral Science requirement is satisfied through critical tracking coursework and the Civic Literacy requirement. SNRE recommends POS 2041 to meet the Civic Literacy requirement.
- Humanities: choosing Humanities courses that simultaneously meet the International and Diversity General Education requirements is recommended. To meet the state core requirement, recommended options are ARH 2000, MUL 2010, and THE 2000. For Quest 1 courses that also include Gen Ed International or Diversity, see <http://undergrad.ua.ufl.edu/uf-quest/students/quest-courses/>.
- Additional Required: this requirement is met by critical tracking and Quest 2.
- Composition: one General Education Composition course is chosen according to placement. The required writing course ENC 3254 fulfills the remaining requirement.
- Writing Requirement: the General Education Composition course awards 6000 words, as does ENC 3254. The remaining 12000 words should be earned by a combination of eligible core courses and electives.

After General Education and most critical-tracking coursework is complete, students begin to take the degree's core courses (40-46 credits for the BA, 40-47 credits for the BS), providing a base of common knowledge and experience in subjects essential to Environmental Science. During the fourth year, students enroll in SNRE's capstone course that further develops and assesses critical thinking skills by confronting conflicts of ecological and economic paradigms, synthesizing across physical, biological, and social systems, and engaging diverse knowledge and views to help resolve key environmental problems.

Core Requirement	BA	BS
Foundation Courses	7 credits	7 credits
General Ecology	3-4 credits	3-4 credits
Ecology of Specific Systems	N/A	3 credits
Earth and Soil Science	3-4 credits	3-4 credits
Hydrologic Systems	3-4 credits	3-4 credits
Global Systems	3-4 credits	3-4 credits
Methods and Technology	N/A	3-4 credits
Organic Chemistry	N/A	3 credits
Natural Resource Management	3-4 credits	3-4 credits
Resource Economics	3-4 credits	N/A
Environmental Ethics	3 credits	3 credits
Environmental Policy and Law	6 credits	3-4 credits
Social Science Perspectives	3 credits	N/A
Capstone Course	3 credits	3 credits
Total	40-46 credits	40-47 credits

Beyond the core requirements, each student selects additional credits from a wide list of approved electives according to individual interest, allowing them to broaden their skillset or specialize in a particular aspect of environmental science.

Elective Requirement	BA	BS
Communication & Leadership	3-6 credits	N/A
Additional Skills and Concepts	6-15 credits	6-15 credits
Biological Sciences	3-12 credits	6-15 credits

Physical Sciences	N/A	3-15 credits
Human Dimensions	6-15 credits	3-9 credits
Total	29 credits	29 credits

Critical Tracking

Critical Tracking records each student's progress in courses that are required for progress toward each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites (<https://cpm.flvc.org/advance-search/>) may be used for transfer students.

Semester 1

- Complete 2 of 9 critical-tracking courses, excluding labs: AEC 3030C or SPC 2608, BSC 2010/BSC 2010L, BSC 2011/BSC 2011L, CHM 2045/CHM 2045L, ECO 2013, ECO 2023, MAC 1147, PHY 2020 or PHY 2004, STA 2023
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 2

- Complete 2 additional critical-tracking courses
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 3

- Complete 2 additional critical-tracking courses
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 4

- Complete 2 additional critical-tracking courses
- Complete at least 1 core course
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 5

- Complete all 9 critical-tracking courses
- Complete at least 1 core course
- 2.5 GPA required for all critical-tracking courses
- 2.0 upper division GPA required
- 2.0 UF GPA required

Semester 6

- Complete at least 2 core courses
- 2.0 upper division GPA required
- 2.0 UF GPA required

Semester 7

- Complete at least 1 core course
- 2.0 upper division GPA required
- 2.0 UF GPA required

Semester 8

- Complete EVS 4021 (capstone) and the remaining courses for the degree
- 2.0 upper division GPA required
- 2.0 UF GPA required

Model Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. These courses must be completed by the terms as listed above in the Critical Tracking criteria.

This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.

Course	Title	Credits
Semester One		
Quest 1 (Gen Ed Humanities with Diversity or International)		3
BSC 2010 & 2010L	Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory 1 (Critical Tracking ; State Core Gen Ed Biological and Physical Sciences)	4
MAC 1147	Precalculus Algebra and Trigonometry (Critical Tracking ; State Core Gen Ed Mathematics) ¹	4
Gen Ed Composition (according to placement)		3
	Credits	14
Semester Two		
BSC 2011 & 2011L	Integrated Principles of Biology 2 and Integrated Principles of Biology Laboratory 2 (Critical Tracking ; State Core Gen Ed Biological and Physical Sciences)	4
CHM 2045 & 2045L	General Chemistry 1 and General Chemistry 1 Laboratory (Critical Tracking ; State Core Gen Ed Biological and Physical Sciences)	4
Civic Literacy Requirement (recommended: POS 2041)		3
State Core Gen Ed Humanities with Diversity or International (http://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext)		3
	Credits	14
Semester Three		
Quest 2 (Gen Ed Social & Behavioral Sciences or Gen Ed Biological Sciences and Physical Sciences)		3
AEC 3030C or SPC 2608	Effective Oral Communication (Critical Tracking) or Introduction to Public Speaking	3
ECO 2013	Principles of Macroeconomics (Critical Tracking ; State Core Gen Ed Social and Behavioral Sciences)	4
STA 2023	Introduction to Statistics 1 (Critical Tracking ; Gen Ed Mathematics)	3
Earth and Soil Science Core course		3-4
	Credits	16-17
Semester Four		
ECO 2023	Principles of Microeconomics (Critical Tracking ; Gen Ed Social and Behavioral Sciences)	4
ENC 3254	Professional Writing in the Discipline (Writing in Environmental Science; Gen Ed Composition)	3
Select one:		3
PHY 2004	Applied Physics 1 (Critical Tracking ; Gen Ed Physical Sciences)	
PHY 2020	Introduction to Principles of Physics (Critical Tracking)	
General Ecology Core course		3-4
Environmental Policy & Law Core course		3
	Credits	16-17
Semester Five		
EVS 3000 & 3000L	Environmental Science 1 and Environmental Science Laboratory	4
Environmental Ethics Core course		3
Environmental Policy & Law Core course		3
Resource Economics Core course		3-4
Natural Resource Management Core course		3-4
	Credits	16-18
Semester Six		
Global Systems Core course		3-4
Hydrologic Systems Core course		3-4

Social Science Perspectives Core course		3
Electives for the major ¹		6
	Credits	15-17
Semester Seven		
Electives for the major ¹		12
Elective		3
	Credits	15
Semester Eight		
EVS 4021	Critical Thinking in Environmental Science (Critical Tracking)	3
Electives for the major (if needed) ¹		11
	Credits	14
	Total Credits	120

¹ From Approved Electives list.

Core Requirements

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The Bachelor of Arts degree in environmental science focuses on the social sciences that connect the natural sciences and engineering to society. Emphasis is placed in the areas of environmental policy & law and resource economics, making the B.A. the preferred degree for students interested in the policy aspects of environmental consulting and public agency work or advancing to law school.

Core Requirements for the Bachelor of Arts

Code	Title	Credits
Required Foundation Courses		
ENC 3254	Professional Writing in the Discipline (Writing in Environmental Science; Gen Ed Composition)	3
EVS 3000 & 3000L	Environmental Science 1 and Environmental Science Laboratory	4
Environmental Ethics		
Select one:		3
AEB 4126	Agricultural and Natural Resource Ethics (Gen Ed Humanities or Social and Behavioral Sciences)	
AEC 3322	Moral Leadership in Agriculture and Natural Resources	
ANT 4403	Environment and Cultural Behavior	
EVR 3004	Eco-Civic Engagement	
PSY 3626	Psychology of Sustainability	
REL 2104	Environmental Ethics (Gen Ed Humanities)	
REL 3492	Religion Ethics and Nature (Gen Ed Humanities)	
General Ecology		3-4
PCB 4043C or WIS 3404	General Ecology (Gen Ed Biological Sciences) Natural Resource Ecology	
Earth and Soil Science		
Select one:		3-4
GEO 2200 & 2200L	Dynamic Planet Earth and Dynamic Planet Earth Laboratory (Gen Ed Physical Sciences)	
GLY 2010C	Physical Geology (Gen Ed Physical Sciences, BS only)	
GLY 2030C	Environmental and Engineering Geology (Gen Ed Physical Sciences)	
SWS 3022 & 3022L	Introduction to Soils in the Environment and Introduction to Soils in the Environment Laboratory (Gen Ed Physical Sciences)	
Global Systems		
Select one:		3-4
BSC 3307C	Climate Change Biology	
GEO 3250	Climatology	
GEO 3334	Managing for a Changing Climate	
GLY 3074	Oceans and Global Climate Change	
OCE 1001	Introduction to Oceanography	
Hydrologic Systems		
Select one:		3-4
AOM 4643	Environmental Hydrology: Principles and Issues	

FNR 4343C	Forest Water Resources	
GEO 3280	Principles of Geographic Hydrology (Gen Ed Physical Sciences)	
GLY 3882C	Hydrogeology and Human Affairs	
SWS 4244	Wetlands	
Environmental Policy and Law		
Select two:		6
AEB 4123	Agricultural and Natural Resource Law	
AEB 4282	International Humanitarian Assistance (Gen Ed Social and Behavioral Sciences and International)	
AEB 4283	International Development Policy (Gen Ed Social and Behavioral Sciences)	
FNR 4660	Natural Resource Policy and Economics	
INR 4035	Rich and Poor Nations in the International System	
INR 4350	International Environmental Relations (Gen Ed Social and Behavioral Sciences and International)	
Natural Resource Management		
Select one:		3-4
ALS 3133	Agricultural and Environmental Quality	
EVR 3323	Introduction to Ecosystem Restoration	
FAS 4305C	Introduction to Fishery Science	
FNR 4624C	Field Operations for Management of Ecosystems	
FOR 4090C	Urban Forestry	
FOR 4664	Sustainable Ecotourism Development	
GEO 3372	Conservation of Resources	
IPM 3022	Fundamentals of Pest Management	
SWS 4116	Environmental Nutrient Management (Gen Ed Physical Sciences)	
SWS 4233	Soil and Water Conservation	
SWS 4245	Water Resource Sustainability	
WIS 4523	Human Dimensions of Natural Resource Conservation	
Resource Economics		
AEB 3450	Introduction to Natural Resource and Environmental Economics (Gen Ed Social and Behavioral Sciences)	3-4
or ECP 3302	Environmental Economics and Resource Policy	
Social Science Perspectives		
Select one:		3
ANT 2402	Anthropology of Sustainability	
BCN 1582	International Sustainable Development	
IDS 2154	Facets of Sustainability	
SYD 4020	Population	
SYD 4021	US Population Issues	
WST 3610	Gender, Race and Science	
Required Capstone Course		
EVS 4021	Critical Thinking in Environmental Science	3
Total Credits		40-46

Approved Electives

Beyond the core requirements, each student selects additional credits from a wide list of approved electives according to individual interest, allowing students to broaden their skillset or specialize in a particular aspect of environmental science.

Elective Requirement

- Communication & Leadership 3-6 credits
- Additional Skills and Concepts 6-15 credits
- Biological Sciences 3-12 credits
- Human Dimensions 6-15 credits

Students interested in taking courses not on the master list, including requirements for pre-Veterinary and pre-Medical students, must contact the undergraduate coordinator for approval.

Students can substitute appropriate graduate courses for electives, with approval of the school and permission of the instructor. To substitute a 5000-level course or higher, the student must have senior standing and a minimum junior/senior-level GPA of 3.0.

Transfer and HSAA students may enroll in ALS 4932 (Connecting with CALS; 3 credits) and count the class towards their Environmental Science major as a Human Dimensions elective.

Master List

Code	Title	Credits
Communication & Leadership		
Select 3-6 credits		
AEC 3043	Communication and Leadership for Agricultural and Life Sciences Policy Issues	3
AEC 3071	Social Media Strategy and Leadership for Agricultural and Life Sciences	3
AEC 3073	Intercultural Communication	3
AEC 3209	Instructional and Event Planning in Agricultural and Life Sciences	3
AEC 3413	Working with People: Interpersonal Leadership Skills	3
AEC 3414	Leadership Development	3
AEC 4434	Communication and Leadership in Groups and Teams	3
AEC 4465	Global Leadership	3
ALS 3415	Challenge 2050: Developing Tools for Changing the World	3
Biological Sciences		
Select 3-12 credits		
AGR 3303	Genetics	3
ALS 3153	Agricultural Ecology	3
ALS 4162	Consequences of Biological Invasions	3
ANT 3514C	Introduction to Biological Anthropology	4
BOT 2011C	Plant Diversity	4
BOT 2710C	Practical Plant Taxonomy	3
BOT 3151C	Local Flora of North Florida	3
ENY 3005 & 3005L	Principles of Entomology and Principles of Entomology Laboratory	4
ENY 4201	Insect Ecology	3
ENY 4202	Ecology of Vector-Borne Disease	2
ENY 4208	Ecology and Conservation of Pollinators	3
ENY 4161	Insect Classification	3
ENY 4210	Insects and Wildlife	3
ENY 4455C	Social Insects	3
ENY 4571	Honey Bee Biology	3
FAS 4105C	Field Ecology of Aquatic Organisms	3
FAS 4175	Algae Biology and Ecology	3
FAS 4270	Marine Ecological Processes	3
FAS 4271C	Invasion Ecology of Aquatic Animals	3
FAS 4274	Freshwater Ecology	3
FAS 4364	Marine Adaptations: Environmental Physiology	3
FNR 3131C	Dendrology/Forest Plants	3
FOR 3153C	Forest Ecology	3
FOR 3214 & 3214L	Fire Ecology and Management and Fire Ecology and Management Laboratory	3
FOR 4110	Ecology and Restoration of Longleaf Pine Ecosystems	3
FOR 4934	Topics in Natural Resources	1-4
GEO 4300	Environmental Biogeography	3
PCB 2441	Biological Invaders	3
PCB 3063	Genetics	4
PCB 4674	Evolution	4
PCB 3601C	Plant Ecology	3
PLP 4653C	Basic Fungal Biology	4
PLS 3004C	Principles of Plant Science	3
VME 4013	Aquatic Wildlife Health Issues	3
VME 4016	Manatee Health and Conservation	3
WIS 3402 & 3402L	Wildlife of Florida and Wildlife of Florida Laboratory	4
WIS 3410	The Ecology of Climate Change	3
WIS 3553C	Introduction to Conservation Genetics	4
WIS 4203C	Landscape Ecology and Conservation	3
WIS 4454	Ecology of Bird Introductions and Invasions	3

WIS 4501	Introduction to Wildlife Population Ecology	3
ZOO 4050	Animal Behavior	3
ZOO 4205C	Invertebrate Biodiversity	4
ZOO 4307C	Vertebrate Biodiversity	4
ZOO 4403C	Marine Biology	4
ZOO 4405	Sea Turtle Biology and Conservation	3
ZOO 4472C	Avian Biology	4

Human Dimensions

Select 6-15 credits

Any courses listed under Natural Resource Management, Environmental Ethics Core, Environmental Policy & Law Core, and Social Science Perspectives not counted towards the core requirement, as well as:

AEB 4085	Agricultural Risk Management and the Law	3
ALS 3940	Challenge 2050: the Experience	3
CLA 2521	Classical Antiquity and Sustainability	3
DCP 3210	Sustainable Solutions for the Built Environment	3
DCP 3220	Social and Cultural Sustainability and the Built Environment	3
FOR 3202	Society and Natural Resources	3
FYC 3401	Introduction to Social and Economic Perspectives on the Community	3
FYC 3521	Community Food Systems	3
GEA 2270	Geography of Florida	3
GEA 3500	Geography of Europe	3
GEA 3600	Geography of Africa	3
GEA 4465	Amazonia	3
GEO 2006	Natural Hazards Geography	3
GEO 2500	Global and Regional Economies	3
GEO 3315	Hungry Planet: Global Geographies of Food	3
GEO 3352	The Human Footprint on Landscape	3
GEO 3427	Plants, Health and Spirituality	3
GEO 3430	Population Geography	3
GEO 3502	Economic Geography	3
HIS 3465	The Scientific Revolution	3
PHC 4320	Environmental Concepts in Public Health	3
POS 2112	American State and Local Government	3
REL 3160	Religion and Science	3
SWS 4231C	Soil, Water and Land Use	3
SWS 4550	Soils, Water and Public Health	3
SWS 4932	Special Topics in Soil and Water Science	1-3
SYD 3395	Sociology of Globalization	3
SYO 4530	Social Inequality	3
SYA 4930	Special Study (Climate Change & Society)	3
SYA 4930	Special Study (Introduction to Conservation Criminology)	3
WOH 3404	Global History of Energy	3

Additional Skills and Concepts

Select 6-15 credits

Business Management & Finance

ACG 2021	Introduction to Financial Accounting	
AEB 3133	Principles of Agribusiness Management	
AEC 4500	Program Development and Evaluation	
BUL 4310	The Legal Environment of Business	
FIN 3403	Business Finance	
MAN 3025	Principles of Management	

Economics

ECO 3101	Intermediate Microeconomics	
ECO 3203	Intermediate Macroeconomics	
ECO 3704	International Trade	
FAS 4363	Marine Protected Areas	

Introductory GIS¹

FOR 3434C	Forest Resources Information Systems	
GIS 3043	Foundations of Geographic Information Systems	
GIS 3072C	Geographic Information Systems	
SWS 4720C	GIS in Soil and Water Science	
URP 4273	Survey of Planning Information Systems	

Environmental Technology

AOM 4521	Introduction to Biofuels
HOS 3281C	Organic and Sustainable Crop Production

Additional Math and Statistics

FOR 4934	Topics in Natural Resources
MAC 2233	Survey of Calculus 1
MAC 2311	Analytic Geometry and Calculus 1
STA 3024	Introduction to Statistics 2
STA 3100	Programming With Data in R

Methods

FNR 3410C	Natural Resource Sampling
GIS 4021C	Aerial Photo Interpretation
SWS 4800	Environmental Soil and Water Monitoring Techniques
SYA 4300	Methods of Social Research

Additional Concepts

CHM 2046 & 2046L	General Chemistry 2 and General Chemistry 2 Laboratory
EES 3008	Energy and Environment
EVS 4949	Environmental Science Internship
FNR 4070C	Environmental Education Program Development
URP 4000	Preview of Urban and Regional Planning
GEO 2242	Extreme Weather

¹ Students should not enroll in more than one of the following courses: FOR 3434C, GIS 3043, GIS 3072C, URP 4273, SWS 4720C.

Academic Learning Compact

Environmental Science is the science of humanity's role in natural systems, the basis of our economy. This program accesses courses university-wide and provides numerous opportunities for international study. Students will acquire reliable knowledge and interdisciplinary perspectives of complex environmental issues, gaining the full range of knowledge relevant to a professional understanding of complex environmental problems in the biological and physical sciences, ethics, economics, policy, and law.

Before Graduating Students Must

- Complete at least one course in each of the foundation areas.
- Complete requirements for the baccalaureate degree, as determined by faculty.

Students in the Major will Learn To

Student Learning Outcomes | SLOs

Content

1. Apply acquired knowledge of basic terminology, concepts, methodologies, and theories in the physical and biological sciences that describe environmental systems.
2. Apply acquired knowledge of essential concepts in the social sciences that describe human activity in the environment.

Critical Thinking

3. Develop reasoned solutions to environmental problems through application of the scientific method.

Communication

4. Communicate knowledge, ideas, and reasoning clearly, effectively, and objectively in both written and oral forms.

Curriculum Map

I = Introduced; R = Reinforced; A = Assessed

Courses	SLO 1	SLO 2	SLO 3	SLO 4
ENC 3254				I
EVS 3000 and EVS 3000L	I	I	I	R
EVS 4021	A	A	A	A
Earth and Soil Sciences	R			
General Ecology	R		R	

Environmental Ethics		R		R
Environmental Policy & Law		R		R
Global Systems	R		R	
Hydrologic Systems	R		R	
Natural Resource Management	R	R	R	
Resource Economics		R		R
Social Science Perspectives		R		R
Electives	R	R	R	R

ASSESSMENT TYPES

- Oral presentation or written essay
-