



## NATURAL RESOURCES CONSERVATION

### Environmental Conservation

#### Fall Semester

#### Spring Semester

<b>First Year</b>	# Credits		# Credits
Intro Environment elective	4 <sup>a</sup>	Intro Biology elective II (BS)	3/4/5 <sup>b</sup>
Intro Biology elective I (BS)	4 <sup>b</sup>	Communication elective	3 <sup>d</sup>
MATH 104 or 101/102 (R1)	3/4	ENGLWRIT 112 Coll. Writing (CW)	3
Earth Science elective	<u>3/4<sup>c</sup></u>	Human Geography elective (SBDG)	<u>4<sup>e</sup></u>
<i>Total Credits</i>	14-16		13-15

#### **Sophomore Year**

NRC 260 Fish. Cons. & Mgt.	3	NRC 225 Forests & People	3
Built Environment elective	4 <sup>f</sup>	NRC 261 Wildlife Cons.	3
NRC Resource ID & Samp. elective	2 <sup>g</sup>	Ecology elective	3 <sup>j</sup>
Statistics elective (R2)	4 <sup>h</sup>	NRC 309 Nat. Res. Policy	3
Chemistry elective (PS)	<u>4<sup>i</sup></u>	NRC 391A Career Planning	<u>1</u>
	15/16		13

#### **Junior Year**

NAT-SCI 387 CNS Jr. Writing	3	Gen Ed (AT/AL/HS+DU)	4
Political Science elective	4 <sup>k</sup>	Physical Science elective	4 <sup>m</sup>
Resource Economics elective (SB)	4 <sup>l</sup>	NRC 585 Intro to GIS	4
Gen Ed (AT/AL/HS+DU)	<u>4</u>	Integrated Experience elective (IE)	<u>4<sup>n</sup></u>
	15		15

#### **Senior Year**

At least 9 related credits any level	≥ 9	At least 9 related credits level ≥300	≥ 9
(List here) ***	—		—
_____	—	_____	—
_____	—	_____	—

Note: All students need at least 120 credits to graduate – please check your ARR in SPIRE

<sup>a</sup> Intro Environ elective – NRC 100 preferred (SI, fall), NRC 185 (I, sp), ENVIRSCI 101 (BS, fall)

<sup>b</sup> Intro. Bio. elective – BIOL 151 & 152 (153 lab optional), or STOCKSCH 108 (fall) & BIOL 110 (spring)

<sup>c</sup> Earth Sci. elective - GEOLOGY 101, 103, 105, 201, GEOGRAPH 100, 110, STOCKSCH 105 or ENVIRSCI 390A

<sup>d</sup> Communication elective – NRC 492A (f), or COMM 118, 121, 122, 125, 140, 211, 250, 260, COMP-LIT 290T, ENG 379, JOURNAL 201 or 292N \*NOTE\*- many COMM courses are for freshman/sophomores only!

<sup>e</sup> Human Geog. elective – ANTHRO 102, 104, or 208, GEOGRA 102, or 220, WGSS 220, or RES-ECON 121

<sup>f</sup> Built Environment elective – BCT 150 (f), NRC 290C, NRC 297R (f), GEOGRAPH 370 (f), SUSTCOMM 125 (s) or 574 (f).

<sup>g</sup> Resource ID & Sampling elective – NRC 211 (wildlife, spring), 212 (trees and shrubs, fall), 214 (fish, fall)

<sup>h</sup> Statistics elective – NRC 240/290B preferred (f), RESECON 212, STATISTC 111, 240, or 501 (f,s)

<sup>i</sup> Chemistry elective – CHEM 111 (fall and spring)

<sup>j</sup> Ecology elective – ENVIRSCI 214 preferred (s), 270 (s), 590GC (f), 590IE (f), or BIOLOGY 287 (f,s)

<sup>k</sup> Political Science elective – Take any Political Science class of your interest

<sup>l</sup> Resource Economics elective – RES-ECON 262 (Environmental Econ - spring) or 263 (Nat Resource Econ - fall)

<sup>m</sup> Physical Science elective – CHEM 112, 250, PHYSICS 100 (f,s), 118 (f), 131, 139, ASTRON 100 (f,s), 101 (f), 105 (s)

<sup>n</sup> Integrated Experience elective – NRC 490S, NRC 494EI, NRC 382, or ENVIRSCI 445 as available



**\*\*\*For the Environmental Conservation concentration, students must complete 18 additional conservation and/or environmentally-related credits in a curriculum plan designed to meet specific goals for career or further education. At least 9 of these credits must be 300-level or above. This requirement can be met with the courses below, but other courses may count, consult with your advisor. Note: Courses on this list may or may not be available, consult SPIRE for current information and details.**

ANTHRO 317 Primate Behavior	NRC 534 Forest Measurements
ANTHRO 416 Primate Evolution	NRC 541 Urban Forest Management
BCT 520 Building Physics I	NRC 547 Global Change Ecology
ASTRON 105 Weather and our Atmosphere	NRC 563 Wetlands Wildl. Ecol. & Management
BCT 211 Energy Efficient Housing	NRC 564 Wildlife Habitat Management
BIOLOGY 108 Biodiversity	NRC 565 Dynamics & Mgt. of Wildlife Populations
BIOLOGY 273 Marine Vertebrates	NRC 566 Restoration Ecology
BIOLOGY 421 Plant Ecology	NRC 570 Ecology of Fish
BIOLOGY 426 New England Flora	NRC 571 Fisheries Science and Management
BIOLOGY 544 Ornithology	NRC 572 Forest Insect and diseases
BIOLOGY 597G Env Evolution	NRC 575 Case Studies in Land Conservation
ECON 308 Political Economy of the Envir.	NRC 576 Water Resources Mgt.
ENVIRSCI 197E Plants & Society	NRC 577 Ecosystem Modeling and Simulation
ENVIRSCI 342 Pest, Env & Public Policy	NRC 578 Watershed Science and Management
ENVIRSCI 390A Environmental Soil Science	NRC 579 Cree Culture, Nat. Resour. & Sustain.
ENVIRSCI 397B Plants & Env	NRC 580 Conservation Genetics
ENVIRSCI 452 Haz Material OSHA	NRC 581 Wetlands Assessment and Field Tech.
ENVIRSCI 497E Env Applied GIS Methods	NRC 585 Introduction to Geogr. Info. Syst.
ENVIRSCI 504 Air Poll. & Climate Change Biology	NRC 586 Natural Resour. Inventory of Local Lands
GEOGRAPH 220 World Regional Geography	NRC 587 Digital Remote Sensing
GEOGRAPH 250 Natural Disasters	NRC 589 Responding to Climate Change
GEOGRAPH 352 Computer Mapping	NRC 590AE Aquatic Ecology
GEOGRAPH 354 Climatology	NRC 590IE Invasion Ecology
GEOGRAPH 426 Remote Sensing and Image Interp	NRC 592B Readings in GIS
GEOGRAPH 450 Indigenous Peoples and Conserv	POLISCI 253 Int'l Envrn Pol & Plc
GEOGRAPH 458 Climate Change	POLISCI 382 Environmental Policy
GEOGRAPH 468 GIS and Spatial Analysis	REGIONPL 553 Resource Policy & Planning
GEOGRAPH 492NP National Parks and Pro Areas	REGIONPL 577 Urban Policies
GEO-SCI 519 Aqueous Envrn Geochem	REGIONPL 587 People and the Environment
GEO-SCI 587 Hydrogeology	REGIONPL 580 Sustainable Cities
HISTORY 383 American Env History	SOCIOLOG 241 Criminology
HT-MGT 230 Introduction to Travel and Tourism	SOCIOLOG 323 Soc Of Law
LANDARCH 547 Landscape Pattern & Process	STOCKSCH 265 Sustainable Agriculture
LEGAL 250 Intro Legal Studies	STOCKSCH 326 Insect Biology
LEGAL 368 Alternative Dispute Resolution	STOCKSCH 370 Tropical Agriculture
LEGAL 391B Sem-Law & Social Activism	STOCKSCH 375 Soil & Water Conservation
LEGAL 397N Law & Public Policy	STOCKSCH 397C Population Ecology
LEGAL 470 Indigenous Peoples – Global Issues	STOCKSCH 397P Physiology & Ecos Ecology
LEGAL 494DI ST-Envrntl & Pub Pol Dspte Res	STOCKSCH 397X Experimental Methods in Ecol
LEGAL 432 Environmental Justice	STOCKSCH 505 General Plant Pathology
NRC 185 Sustainable Living	STOCKSCH 555 Urban Env & Plant Growth
NRC 197FF Forest Fire Control	STOCKSCH 580 Soil Fertility
NRC 211 Wildlife Sampling and ID	STOCKSCH L 597S ST-Agric. System Thinking
NRC 212 Tree and shrub identification	SUSTCOMM 140 Awareness of the Visual Envir.
NRC 232 Principles of Arboriculture	SUSTCOMM 195C – Transform your World
NRC 214 Fish sampling and ID	SUSTCOMM 205 Dynamics of Human Habitation
NRC 305 Commercial Arboriculture	SUSTCOMM 335 Plants in Landscape
NRC 310 Community Forestry	SUSTCOMM 574 City Planning
NRC 390E Evolution & Conservation	<b>*Other courses (including 5 college courses)</b>
NRC 526 Silviculture	<b>might also work – check with your Advisor!</b>
NRC 528 Forest and Wetland Hydrology	