

NATURAL RESOURCES CONSERVATION Water Resources

Fall Semester

Spring Semester

First year

	# Credits		# Credits
Intro Environment elective	4 ^a	Communication elective	3 ^c
Intro Biology elective I (BS)	4 ^b	Intro Biology elective II (BS)	3/4/5 ^b
MATH 104 or 101/102 (R1)	3 or 2/2	ENGLWRIT 112 Coll. Writing (CW)	3
Gen Ed (AT/AL/HS+DU/DG)	<u>4</u>	Earth Science elective	<u>3/4^d</u>
<i>Total Credits</i>	15/16		12-15

Sophomore Year

NRC 260 Fish. Cons. & Mgt.	3	NRC 261 Wildlife Cons.	3
NRC 214 Fish Sampling and ID	2	NRC 225 Forests & People	3
Built Environment elective	3/4 ^e	Ecology elective	3 ^h
Statistics elective (R2)	4 ^f	STOCKSCH 105 Soils	4
Chemistry elective (PS)	<u>4^g</u>	Plant/Animal ID elective	<u>2ⁱ</u>
	16/17		16/17

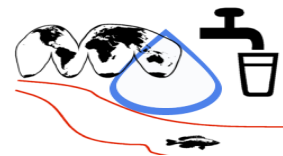
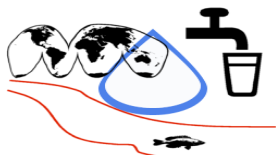
Junior Year

Quantitative elective	3/4 ^j	NRC 309 Nat. Res. Policy	3
Water elective I	2-4 ^k	Physical Science elective	4 ⁿ
Integrated Experience elective (IE)	4 ^l	NAT-SCI 387 CNS Jr. Writing	3
RES-ECON elective (SB)	4 ^m	NRC 585 Intro to GIS	<u>3/4</u>
Gen Ed (AT/AL/HS + DU/DG)	<u>4</u>	+ get involved in research (optional)	16/17
	13-15		

Senior Year

NRC 528 Forest & Wetland Hyd.	3	NRC 578 Watershed Sci. &Mgmt	3
Water elective II	2-4 ^k	_____	3
_____	3	_____	3
_____	4	_____	3
_____	3	_____	4
	15-17		16

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



- ^a Intro Environment elective – NRC 100 preferred (SI, fall), NRC 185 (I, spring), ENVIRSCI 101 (BS, fall) accepted
- ^b Intro. Bio. elective - BIO 151 & 152 (153 lab optional), or STOCKSCH 108 (f) & BIOL 110 (s)
- ^c Communication elective options - NRC 492A (f), or COMM 118, 121, 122, 125, 140, 211, 250, 260, 297, COMP-LIT 290T, ENG 379, JOURNAL 201 or 292N
NOTE- many COMM courses are for freshman/sophomores only!
- ^d Earth Science elective –GEOLOGY 101 (f,s), 103 (f,s), 105 (f,s), 201(s), GEOGRAPH 110 (f), or ENVIRSCI 390A
- ^e Built Environment elective – BCT 150 (f), NRC 290C (f), NRC 297R (f), GEOGRAPH 372, SUSTCOMM 125 or 574.
- ^f Statistics elective – NRC 290B/240 preferred, RESECON 212, STAT 111, STAT 240, or STAT 501 (f,s)
- ^g Chemistry elective - CHEM 111 (fall/spring)
- ^h Ecology elective – ENVIRSCI 213 preferred (s), NRC 270, 547, 566, 590IE, or BIOLOGY 287 (f,s) accepted
- ⁱ Plant/Animal ID elective – Take either NRC 212 Forest Tree & Shrub ID (2 cr, fall) or NRC 211 Wildlife Sampling & ID (2 cr, spring)
- ^j Quantitative elective – Upper level statistics [STATS 501 (f,s), EDUC 555 (f)], NRC 577 (Ecological Monitoring, f), NRC 534 (Forest Measurements, f even years), MATH 127 (Calculus)
- ^k Water electives I and II –
At least 2 of the following (or other water courses with approval):
- | | <u># Credits</u> |
|---|------------------|
| ENVIRSCI 315 Principles of Environ. Tox. & Chem. | 3 |
| STOCKSCH 375 Soil and Water Conservation (f, even yrs.) | 3 |
| GEO-SCI 519 Aqueous Environ Geochemistry | 4 |
| GEO-SCI 587 Hydrogeology | 3 |
| NRC 576 Water Resources Mgmt & Polcy | 3 |
| NRC 590AE Aquatic Ecology | 4 |
| NRC 597W Wetland Assessment and Field Techniques | 2 |
| ECO 678 Advanced Watershed Science and Management | 3* |
- * = graduate course needing Instructor's approval and an Adjustment to ARR memo
- ^l Integrated Experience elective – NRC 490S, NRC 494EI (f), NRC 382, or ENVIRSCI 445 (s)
- ^m Resources Economics elective – RES-ECON 263 (f) or RES-ECON 262 (s)

▪ Physical Sci elective – CHEM 112, 250 (s), PHYSICS 100 (f,s), 118 (f), 131, ASTRON 100, 101, 105