

Updated 4/27/2022

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Careers in NRM & Env Sci NR 140 (1)	General Chemistry for Ag/Life Sci I CHEM 127 (4) * [B1 & B3]	Intro to Cell & Molecular Bio BIO 161 (4)¹ (Recom: CHEM 110, 124, or 127)		Intro to Organ. Form & Function BIO 162 (4)¹ (BIO 161. Recom: CHEM 110, 111, 124, or 127)		Conflict Mgmt in Nat Resources NR 335 (4) (NR 141 or 142. Recom: PSY 201 or 202)		Choose one: Envir Life-Cycle... NR 314 (4) * OR Systems Thinking... NR 445 (4) *	Choose one: Watershed Proc & Mgmt NR 320 (4) (NR/LA 218; SS 120. Recom: NR 304, 305, or 306) Soil Erosion & H ₂ O Conserv ERSC 303 (4) (LA/NR 218 or GEOG 318; SS 120)	Forest Health NR 402 (4) (NR 208; NR 304, 305, or 306; or Sr Standing)	Senior Project - Ecosystem Management NR 465 (4)³ (NR 326; NR 416)
Environmental Management NR 142 (3) (Recom: NR 140)	Introductory Soil Science SS 120 (4)	Choose one: Plant Div & Eco BIO 114 (4) * OR General Botany BOT 121 (4) * [B2 & B3]		Choose one: NR 304 or 305 or 306 (4) *			Choose one: NR 323, NR 324, or NR 328 (4) * [Upper-Division D]		Env Impact Analysis & Mgmt NR 416 (4) (BIO 263 or NR 304/305/306 or SS 221)	Environmental Law NR/CRP 404 (4) (Jr Standing)	
Choose one: Intro to Stat... STAT 217 (4) * OR ...Stats/Life Sci STAT 218 (4) * [GE Elective]	Choose one: Calc/Life Sci I MATH 161 (4) * OR Calc/Bus & Econ MATH 221 (4) * [B4]		Land and Resource Measurements NR 215 (1)				Undergraduate Seminar NR 363 (2) (Jr Standing)		Choose one: BRAE 348 (4) * ENVE 324 (4) * NR 310 (4) * [Upper-Div B]	App. Resource Analysis & Assessment NR 425 (4)³ (NR 363; NR 416)	Environmental Policy Analysis NR 435 (4)³ (NR 326. Recom: NR 335)
		College Physics I PHYS 121 (4) (Apt. Math Level; or MATH 118 & high school trig, or MATH 119)		Choose one: Intro/Engin Surv BRAE 237 (2) * Aerial Photogrammetry & Remote Sensing BRAE 345 (3) *							
Oral Communication COMS 101 or 102 (4)** [A1] Can be taken anytime during Freshman Year					Principles of Range Mgmt ASCI 239 (4)	Mammalogy BIO 321 (4) (One of the following: BIO 162, BIO 263, NR 306, ASCI 239)	Approved Electives (8)^{2,4} *	Wildlife Mgmt BIO 427 (4) (1 UD ecology: BIO 327, 363, 401, 444, BOT 326, MSCI 300, or NR 306)	Wildlife Ecology BIO 327 (4) (BIO 263 or NR 306. Recom: STAT 217 or 218)	Taxonomy of Vascular Plants BOT 313 (4) (BIO 114, BIO 162, or BOT 121)	Ornithology BIO 323 (4) (BIO 162, 263, 427, or ASCI 239)
Expository Writing ENGL 133 or 134 (4)** [A2] Can be taken anytime during Freshman Year			GE (4) **	GE (4) **	GE (4) **	GE (4) ⁶ ** [GWR]		GE (4) **			
GE (4) **		Reasoning, Argumentation, & Writing [A3] COMS 126, 145, ENGL 145, ES 145, PHIL 126, or WGQS 145 (4)⁵ ** (Completion of GE A2 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years.			GE (4) **		Graduation Writing Requirement GWR* (Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)		Choose one: Population Ecology BIO 444 (4) (BIO 263 or NR 306)	Principles of Conserv Bio BIO 363 (4) (BIO 263 or NR 306)	Field Botany: CA Plant Diversity BOT 433 (5) (BOT 313)
16	16	16	14-15	16	12	16	14	12	16	16	17
										TOTAL:	181-182

Notes:

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

* Refer to current catalog for prerequisites.

**One course from each of the following GE areas must be completed: A1, A2, A3, C1, C2, Lower-Division C Elective, Upper-Division C, D1, D2, Lower-Division E, F, and GE Elective. Upper-Division C should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: C1, Upper-Division C, D1, D2, Upper-Division D, or E.

¹ Students in Wildlife Biology concentration need to take BIO 161 and BIO 162 to meet prerequisites for courses in the concentration.

² Select from the following: AEPS 313; BIO 150, 263, 322, 324, 329, 330, 335, 336, 363, 400, 415, 427, 429, 434, 442, 444; BOT 326; NR 400.

³ Students must choose to take either NR 425, NR 435, and NR 465 or NR 474 and NR 475.

⁴ If a course is taken to meet a major requirement, it cannot be double-counted as an approved elective for the concentration. Consultation with advisor is recommended prior to selecting approved electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals.

⁵ ENGL 147: Writing Arguments about STEM recommended.

⁶ NR 360: Ethnicity and the Land or ENGL 316: Writing Sustainability (satisfies GWR) recommended.

Legend:

Course Title	
Course # (Units)	
(Prerequisite)	
[GE Area]	
	Major (92-93)
	Concentration (41)
	General Ed. (48)