



University of Montana - Four-Year Academic Plan 2023-24

W.A. Franke College of Forestry & Conservation

Environmental Science and Sustainability (BS)

Ecosystem Science and Restoration Concentration

This is an example of a four year graduation plan for a degree in Environmental Science & Sustainability

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1		Year 2		Year 3		Year 4	
Fall		Fall		Fall		Fall	
WRIT 101 - College Writing	3	BIOB 260 Cell & Molecular Biology	4	BIOE 370 General Ecology	3	NRSM 495 Restoration Practicum <u>OR</u>	3
BIOB 160N Principles of Living Systems	3	NRSM 265 Elements of Ecol. Restoration	3	NRSM 385 Watershed Hydrology	3	NRSM 498 Internship <u>OR</u>	
BIOB 161N Principles of Living Systems Lab	1	Stats 216 Intro to Statistics <u>OR</u>		NRSM 349E Climate Ethics <u>OR</u>	3	NRSM 499 Senior Thesis	
NRSM 121S - Nature of Montana	3	FORS 201 Forest Biometrics <u>OR</u>	3	NRSM 389E Ethics & Sustainability		ESR Natural Science Elective - see advisor	3
NRSM 110 Seminar in ESS	1	WILD 240 Intro to Biostats	3	Social Science Elective - see advisor	3	Elective or General Education Course	3
CHEM 121N - Intro to Chemistry	4			Elective or General Education Course	3	Elective or General Education Course	3
		Elective or General Education Course	3			Elective or General Education Course	3
Credits	15	Credits	16	Credits	15	Credit	15
Spring		Spring		Spring		Spring	
CHMY 123N Intro to Organic & Biochemistry	4	GPHY 111N /112N - Physical Geography & Lab <u>OR</u> NRSM 211N/212N Soils Water & Lab	3	NRSM 344 Ecosystem Science & Rest Capstone	5	NRSM 422 Nat Resource Policy & Admin	3
BIOO 105N Intro to Botany <u>OR</u>	3-4	BIOB 272 Genetics & Evolution	4	BIOE 428 Freshwater Ecology <u>OR</u>	5-3	Elective or General Education Course	3
GEO 101N & 102N Intro to Physical Geology & Lab <u>OR</u>		FCFC course - see Professional Advisor	3	BIOO 335 Rocky MT Flora		Elective or General Education Course	3
GEO 103N & 104N Intro to Environmental Geology & Lab		Elective or General Education Course	3	NRSM 465 Restoration Ecology <u>OR</u>	3	NRSM 494 ESR Seminar	1
M 162 Applied Calculus	4	Elective or General Education Course	3	BIOE 447 Ecosystem Ecology		Elective or General Education Course	3
COMX 111A Speaking <u>OR</u> THTR 120A Acting	3					Elective or General Education Course	2
Credits	15	Credits	16	Credits	13	Credits	15
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	30	Total Credits	62	Total Credits	90	Total Credits	120

Notes:

FCFC courses are courses that are offered by faculty in the College

See catalog or FCFC Student Services Office for more details.

ElevateU Career Readiness Plan

GRADUATE CAREER-READY BY GETTING INVOLVED IN THE BELOW ACTIVITIES WHILE AT UM.

Discover how your strengths, values, and interests relate to career and education pathways.

- Take the [Strong Interest Inventory](#) or other [career assessments](#) to see what careers may be a good fit for you.*
- Download the [Handshake](#) app and activate your account to explore jobs*
- Attend “[careers and opportunities](#)” fairs and join a [First Time at the Fair](#) tour*
- Join student groups that align with your interests*
- Explore career options at [What Can I Do With This Major?](#) (click on “Major Exploration”)*
- Learn about specific occupations on [O*Net Online](#)
- [Schedule an appointment](#) for Career Planning and Major Exploration

EXPLORE
Pathways for you

Participate in experiential (hands-on) learning to refine your interests and goals.

- Seek and apply for internships or part-time jobs on [Handshake](#)*
- Participate in [Volunteer Programs](#)*
- Consider [studying abroad](#) or at [another US university](#) for a semester or year*
- Consider an [internship abroad](#)*
- Conduct [undergraduate research](#) at UM*
 - Secure a paid [micro-internship](#)
 - Participate in the [Griz Career Skills Program](#)
 - [Schedule an appointment](#) for Internship Search, International Internship Search, National Student Exchange, Job Search Strategies, and Handshake How-To

EXPERIENCE
and Grow

- Meet employers at [career fairs and events](#)*
- Develop a stellar [resume](#) and [cover letter](#)*
- Practice [interview skills](#)
- Learn how to [negotiate your salary](#) and benefits package
- Fine-tune your [LinkedIn](#) profile
- Apply for jobs, graduate/professional school, or national service
- [Schedule an appointment](#) for Resume, Cover letter, Interview Prep, Personal Statement, LinkedIn, Graduate School Planning

ELEVATE
to Your Career

Refine your personal brand and develop stand-out application materials to achieve your goals

EMBRACE
Your Goals

- Strengthen relationships with faculty and supervisors who can guide and recommend you*
 - Connect with alumni in fields or companies of interest through the [Griz Career Network](#)
 - Expand your network to gain insights and support through [LinkedIn](#)
 - Conduct [career conversations](#) with professionals in fields of interest
 - Gain industry and company-specific skills through free [Forage](#) job simulations
 - [Schedule an appointment](#) to discuss Networking Strategies, LinkedIn, Graduate School Planning
- Develop skills and network to help you pursue your goals**

YOUR CAREER SUPPORT OFFICES AT UM

[Experiential Learning & Career Success \(ELCS\)](#) is for all UM students!

Students in the following Schools and Colleges have additional access to the following career services:

- [College of Business Career Development Center](#)
- [Career Trailhead professional readiness program](#)
- [College of Humanities and Sciences Career Planning Center](#)
- [Davidson Honors College Career Development Program](#)
- [School of Law Career Development Office](#)
- [Missoula College Career Services](#)

