



AS

Natural Resources

Natural Resources - Forest Ecosystems 2022-2023

Program Coordinator/Advisor: Bryan Benz Bryan.Benz@umpqua.edu  
Total Credits: 97 credits

Program Prerequisites: See requirements needed for first term classes.

Possible Term Plan	Course Number	Course Title	Credits	Terms	Prerequisites/Notes
Term 1	BI 211	Principles of Biology I	5	F	Prerequisite/Corequisite: CH 104, CH 112, or CH 221
	GIS203	Digital Earth	4	F	None
	NR 201	Intro to Natural Resources	3	F	None
	HPE295	Health Wellness	3	F,W,S,Su	
Term 2	BI 212	Principles of Biology II	5	W	Prerequisite: either BI211, FOR111, or NR201; AND either CH104, CH112, or CH221
	NR221	Water Resource Science	4	W	Registration-Enforced Prerequisite: MTH 111.
	MTH 111	College Algebra	5	F,W,S,Su	Registration Enforced Prerequisite: MTH 095 with a grade of C or better, placement by approved measure, or instructor permission.
	WR121	Academic Composition	4	F,W,S,Su	Prerequisite: WR115, RD090 each with a grade of C or better, or appropriate placement test scores or placement by multiple measures; and basic computer word processing skills
Term 3	BI 213	Principles of Biology III	5	S	Prerequisite: BI213
	NR241	Dendrology	4	S	Prerequisite: Previous course in Biology or Natural Resources or Instructor's Consent
	WR 227	Technical Writing	4	F,W,S,Su	Prerequisite: Successful completion of WR121 with a grade of C or better
	MTH112	College Algebra	4	F,W,S,Su	Instructor-Enforced Prerequisite: MTH 111 or equivalent with a grade of C or better, or instructor permission.
Term 4	ECON201	Microeconomics	3	F,S	Recommended but not required Prerequisites: ECON 115, WR 121, WR 122, and MTH 111 or any equivalent courses
	CH221	General Chemistry	5	F	Registration-Enforced Corequisite: MTH 111 or higher and Registration-Enforced Prerequisite: CH 104, CH 112, GS 105, or instructor approval.
	G 221	Environmental Geology	4	F	None
	SP 111	Fundamentals of Public Speaking	4	F,W,S,Su	Prerequisite: WR095 with a grade of C or better or placement by approved measures; AND RD090 with a grade of C or better or placement by approved measure
Term 5	GIS 234	Introduction of GIS	4	W	None
	ENG230	Environmental Literature ( <b>Course not offered every year, next offering, Winter 2023</b> )	4	W	Prerequisites: WR095 with a grade of C or better or appropriate placement test scores; AND RD090 with a grade of C or better or appropriate placement test scores.
	ATS201	Climate Science	4	W	None
	NR251	Principles of Fish and Wildlife Conservation	3	W	Recommended Prerequisite: a previous course in Biology or Natural Resources.
Term 6	SOIL 205/206	Soil Science	4	S	None
	NR 261	Recreation Resource Management	4	S	None
	NR230	Forest Ecosystems	3	S	Prerequisite: Any NR (Natural Resources) or BI (Biology) course
	MTH 243	Intro to Statistics	5	F,W,S,Su	Prerequisite: MTH105 or above with a grade of C or better or instructor permission
<b>Advising Notes</b>	Scheduling requirements may prevent all courses from being offered every term. Consultation with an advisor is critical to student's selection of courses. Please see an advisor for a degree planning worksheet for this program.				
<b>Required/Recommended Equipment and Software</b>					