



**Ecosystem Restoration & Management Option
Ecosystem Ecology or Fire Science** Track**

This graduation plan illustrates the type of curriculum a new student would take to complete a degree in four years. **It is not meant to serve as an official document.** Students should contact their academic adviser or the CNR Student Success Center if they need assistance developing a personalized plan of study. Refer to the University Catalog for a complete list of requirements: <https://catalog.uwsp.edu/>.

Semester 1	Credits	Semester 2	Credits
English 101 (WC)	3	^Communication 101 (CT)	3
Biology 130: Plant Biology (NSC)	5	Nat. Res. 150: People Resources & the Biosphere (SS) (ER)	3
Nat. Res. 151: Ecological Basis for NRES Management (CT)	3	Math 111: Applied Calculus (QL)	4
*Historical Perspective (HP) (USD)	3	Forestry 120: Preparing for a Career in Forestry (Sp)	1
Nat. Res. 1: CNR Freshman Orientation (Fa)	S/U	*Arts (ART) (GA)	3
		Wellness (WLN)	1
Total credits		Total credits	
	14		15
Semester 3	Credits	+Semester 4	Credits
English 202 (WC)	3	Forestry 321: Natural Resources Data Analysis	4
Nat. Res. 250: Intro. to Fisheries, Forestry & Wildlife	4	Nat. Res. 251: Intro. to Soil & Water Resources	4
Water 391: GIS Apps in Nat Res or Geography 341: GIS I	3	Economics 110: Macroeconomics (SS)	3
Forestry 232: Dendrology & Silvics (Fall recommended)	3	Natural Science Directed Elective ¹ (NSC)	4-5
Forestry 224: Fire Operations (Fa)	1		
Total credits		Total credits	
	14		15-16

+Formal admittance to CNR after completion of approximately 45 credits and a 2.00 GPA in major.

(An additional application and a 3.0 GPA is generally required to be accepted into the Ecosystem Restoration & Mgt. option.)

Summer Term - Field Techniques in NRES: Forestry 319, 320; NRES 405; Soils 359, 360; Water 380; Wildlife 340 (7 cr.) or NRES 475 (8 cr.) (Su)

Semester 5	Credits	Semester 6	Credits
Forestry 322: Forestry Mensuration (Fa)	3	Wtr/Wld 360: Wetland Ecology (Sp) or Water 388: Aquatic Eco.	3
Forestry 332: Forest Ecosystem Ecology (Fa)	3	Fire Science or Ecosystem Ecology Track Course (See Catalog)	2-4
Biology 342: Plant Taxonomy	4	Forestry 324: Fire Management & Ecology (Sp)	3
Nat. Res. 372: Resource Economics (SS)	3	Nat. Res. 320: Nat. Res. Commun and Public Relations	3
Forestry 336: Pesticides in NR Management	1	Nat. Res. 473 (Sp) or 474 or Poli Sci 304 (Fa) or 338 (Sp)	3
Total credits		Total credits	
	14		14-16

Summer Term – Required Forestry Internship or Employment
2.50 GPA in major required for graduation (and a 2.0 cumulative GPA)
Apply for graduation one semester before you plan to graduate.

Semester 7	Credits	Semester 8	Credits
Nat. Res. 458: Biodiversity & Conservation Biology (Fa) or Wildlife 458: Wildlife Ecology & Conservation Biology	3	Forestry 425: Forest Management and Finance	3
Forestry 432: Silviculture (Fa)	3	Forestry 449: Basic Forestry Skills Review & Testing	P/F
Soil Elective 300/400 level or Chemistry 106 or Water 389	3	**Nat. Res. 457: Ecological Monitoring (Sp)	3
Fire Science or Ecosystem Ecology Track Course (See catalog)	3-4	**Nat. Res. 459: Ecosystem Mgt. & Restor (Sp) (Capstone)	3
Philosophy 380: Environmental Ethics (HU)	3	Soil Elective 300/400 Level	3
Total credits		Total credits	
	15-16		12

(Fa) = offered fall semesters only (Sp) = offered spring semesters only (Su) = offered summer semesters only (Note: Class terms are subject to change.)

General Education Program (GEP) category abbreviations: Written Communication (WC), Critical Thinking (CT), Quantitative Literacy (QL), Wellness (WLN), Arts (ART), Humanities (HU), Social Sciences (SS), Natural Sciences (NSC), Environmental Responsibility (ER), U.S. Diveristy (USD), Global Awareness (GA).

*Some courses may be able to satisfy two GEP requirements. Review course catalog for complete degree requirements.

**Fire Science Ecology Track requires the additional completion of 2 National Wildland Fire Certificates (S-131, S-211, S-212, S-219)

^Course needed for Society of American Foresters (SAF) program accreditation.