Name: _____ B.S. in WILDLIFE ECOLOGY (total credit requirement = 120)

ID #: _____ **Concentration/Minor:** _____

First Year	Fall Semester	semester/yr.	passed
BIO 100	Basic Biology (C-)	4	
ENG 101	College Composition	3	
MAT 116 **or**	Introduction to Calculus (C) **or**	3	
MAT 122 **or**	Pre-Calculus (C) **or**	or	
MAT 126	Calculus I (C-)	4	
WLE 100	Introduction to Wildlife Resources	1	
_____	*Gen. Ed. Requirements for WLE		
	Total:		

First Year	Spring Semester	semester/yr.	passed
BIO 200	Biology of Organisms (C-)	4	
CMJ 103 **or**	Public Speaking (Variable) **or**	3	
CMJ 107	Communication and the Environment (Fall)		
ECO 120	Principles of Microeconomics	3	
WLE 150	Wildlife Field Trip	1	
_____	*Gen. Ed. Requirements for WLE		
	Total:		

Second Year	Fall Semester	semester/yr.	passed
BIO 329	Vertebrate Biology	3	
BIO 331	Vertebrate Biology Lab	1	
CHY 121/123 **or**	General Chemistry I and Lab (C-) **or**	4	
PHY 111	General Physics I		
WLE 200	Ecology (C-)	3	
WLE 201	Ecology Laboratory (C-)	3	
	Total:		

Second Year	Spring Semester	semester/yr.	passed
CHY 121/123 **or**	General Chemistry I and Lab (C-) **or**	4	
CHY 122/124	General Chemistry II and Lab		
EES 140 **or**	Soil Science **or**	3	
ERS 101 **or**	Introduction to Geology **or**	or	
ERS 102	Environmental Geology	4	
WLE 220	Intro. to Ecological Statistics (C-)	4	
_____	*Gen. Ed. Requirements for WLE		
	Total:		

May Term		semester/yr.	passed
WLE 250	Wildlife Field Survey	3	

Third Year	Fall Semester	semester/yr.	passed
BIO 326 **or**	General Entomology **or**	4	
BIO 353	Invertebrate Zoology (Spring)		
BIO 464	Taxonomy of Vascular Plants	4	
WLE 461	Human Dimensions Fish & Wildl. Conserv.	3	
_____	Aquatic Ecology Elective	3	
	Total:		

Third Year	Spring Semester	semester/yr.	passed
BIO 250 **or**	Concepts & Applications of Genetics (Fall) **or**	3	
BIO 265	Fundamentals of Evolution		
ECO 377 **or**	Intro. Natrl. Rsrc. Econ. & Policy (Fall of fourth year) **or**	3	
EES 351	Energy, Wealth, and Power: Biophysical Systems		
SFR 400	Applied Geographical Info. Systems	4	
WLE 470	Wildlife Policy and Administration	3	
_____	Concentration Requirement		
	Total:		

Fourth Year	Fall Semester	semester/yr.	passed
* If you did not take EES 351, you must take ECO 377			
ECO 377	Intro. Natural Resource Econ. & Policy	3	
SFR 349 **or**	Applied Forest Ecology & Silviculture **or**	4	
WLE 423	Wetland Ecology & Conservation		
WLE 410/411	Wildl. Population Dynam. & Conserv./Lab	4	
_____	Concentration Requirement		
_____	Concentration Requirement		
_____	Concentration Requirement (If not enrolling in ECO 377)		
	Total:		

Fourth Year	Spring Semester	semester/yr.	passed
WLE 450	Wildlife-Habitat Relationships	3	
WLE 455 **or**	Wildlife-Habitat Evaluation **or**	2	
WLE 457	Ecology and Management of Game Birds	3	
_____	Concentration Requirement		
	Concentration Requirement **or**		
_____	*Gen. Ed. Requirements for WLE		
	Total:		

	*** WLE Required General Education Catagories**	semester/yr.
_____	Ethics	
_____	Western Cultural Tradition	
_____	Cultural Div. & Int'l Perspectives	
_____	Artistic and Creative Expression	
	These credits are included in the semester totals above.	

Other Courses Completed	semester/yr.	passed
_____		
_____		
_____		
_____		
Total:		

Effective 06/2024 - Updated 06/2025

General Education Requirements

Use your degree progress report to keep track of your WLE program progress. Your degree progress report can be found under the Academics section of your MaineStreet account.

Human Values and Social Context

* Students must pass 1 course in each of the 5 subcategories and earn a total of 18 credits.

		Semester	Grade	Credits
Western Cultural Tradition course				
Social Context and Institutions course				3
Social Context and Institutions course				3
Cultural Div. & Int'l Perspectives course				
Population and the Environment course				3
Artistic and Creative Expression course				
			Total:	

Ethics Requirement

		Semester	Grade	Credits
Ethics course				
			Total:	

Sciences Requirement

		Semester	Grade	Credits
Lab Science course	BIO 100			4
Applications of Scientific Knowledge course a second Lab Science course	CHY 121/123			4
			Total:	

Quantitative Literacy Requirement

*Student must pass 6 credits of Quantitative Literacy courses.

		Semester	Grade	Credits
Quantitative Literacy course	MAT 116 or MAT 122 or MAT 126			
Quantitative Literacy course	WLE 220			3
			Total:	

Writing Competency Requirement

		Semester	Grade	Credits
English 101	ENG 101			3
Writing Intensive course Within Major	WLE 201			3
Second Writing Intensive course	WLE 455 or			
			Total:	

Capstone Experience Requirement

		Semester	Grade	Credits
Capstone course	WLE 450			3
Capstone course	WLE 455 or WLE 457			
			Total:	

Concentration Requirements

Students majoring in Wildlife Ecology must declare a concentration. However, students may complete the Honors Program or double major or pursue a minor in a related discipline as approved by their advisor and Undergraduate Program Coordinator as an alternative to a concentration. See Undergrauate Catalog for list of conceentration courses.

****Core Curriculum courses can not be used to satisfy any concentration requirement.****

Students pursuing a Fisheries Concentration must complete the following requirements for a minimum of 13 credits.

		Semester	Grade	Credits
**** Required Course**	**WLE 340**			
**** Required Course**	**WLE 341**			
Fisheries Course				
Aquatic Science Course				
Aquatic Science Course				
			Total:	

Students pursuing a Wildlife Science and Management Concentration must complete the following requirements for a for minimum of 12 credits.

		Semester	Grade	Credits
**** Required Course Communications Elective** **In addition to ENG 101, CMJ 103 or 107, and WLE 461**				
Organismal Biology Course				
Management Course				
Science Course				
			Total:	

Students pursuing a concentration in Conservation Biology must complete the following requirements for a minimum of 15 credits.

		Semester	Grade	Credits
**** Required Course**	**WLE 323 or WLE 479**			
Organismal Biology Course				
Ecology and Management of Ecosystems Course				
Social Science Aspects of Conservation Course				
Social Science Aspects of Conservation Course				
			Total:	

Aquatic Ecology Elective Options

BIO	430	Ecol. & System Aquatic Insect	Fall, Odd years
BIO	463	River Ecology	Fall, Even years
BIO	468	Lake Ecology	Fall, Odd years
SMS	302	Oceanography	Fall
SMS	308	Conservation & Ecol. of Marine Mammals	Fall
SMS	321	Intro Fisheries Science	Spring
SMS	322	Biology of Marine Vertebrates	Variable
SMS	374	Deep Sea Biology	Spring, Summer
SMS	423	The Biology of Sharks	Spring
WLE	340	Freshwater Fisheries Ecol/Mgt	Fall, Odd years
WLE	423	Wetland Ecol & Conservation	Fall