



Name: _____

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

ID #: _____

Concentration/Minor: _____

First Year

BIO 100	Basic Biology
ENG 101	College Composition
MAT 116 or	Introduction to Calculus (C) or
MAT 122 or	Pre-Calculus (C) or
MAT 126	Calculus I (C-)
WLE 100	Introduction to Wildlife Resources
_____	*Gen. Ed. Requirements for WLE

	semester/yr.	passed
4		
3		
3		
or		
4		
1		

Total: _____

First Year

BIO 200	Biology of Organisms
CMJ 103 or	Public Speaking (Variable) or
CMJ 107	Communication and the Environment (Fall)
ECO 120	Principles of Microeconomics
WLE 150	Wildlife Field Trip
_____	*Gen. Ed. Requirements for WLE

	semester/yr.	passed
4		
3		
3		
1		

Total: _____

Second Year

BIO 329	Vertebrate Biology
BIO 331	Vertebrate Biology Lab
CHY 121/123 or	General Chemistry I and Lab or
PHY 111	General Physics I
WLE 200	Ecology (C-)
WLE 201	Ecology Laboratory (C-)

	semester/yr.	passed
3		
1		
4		
3		
3		

Total: _____

Second Year

CHY 121/123 or	General Chemistry I and Lab or
CHY 122/124	General Chemistry II and Lab
EES 140 or	Soil Science or
ERS 101 or	Introduction to Geology or
ERS 102	Environmental Geology
WLE 220	Intro. to Ecological Statistics (C-)
_____	*Gen. Ed. Requirements for WLE

	semester/yr.	passed
4		
3		
or		
4		
4		

Total: _____

May Term

WLE 250	Wildlife Field Survey
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	semester/yr.	passed
3		

Third Year

BIO 326 or	General Entomology or
BIO 353	Invertebrate Zoology
BIO 464	Taxonomy of Vascular Plants
WLE 461	Human Dimensions Fish & Wildl. Conserv.
_____	Aquatic Ecology Elective

	semester/yr.	passed
4		
4		
3		
3		

Total: _____

Third Year

BIO 250 or	Concepts & Applications of Genetics (Fall) or
BIO 265	Fundamentals of Evolution
ECO 377 or	Intro. Natrl. Rsrc. Econ. & Policy (Fall of fourth year) or
EES 351	Energy, Wealth, and Power: Biophysical Systems
SFR 400	Applied Geographical Info. Systems
WLE 470	Wildlife Policy and Administration
_____	Concentration Requirement (If not enrolling in EES 351)

	semester/yr.	passed
3		
3		
4		
3		

Total: _____

Fourth Year

* If you did not take EES 351, you must take ECO 377

ECO 377	Intro. Natural Resource Econ. & Policy
SFR 349 or	Applied Forest Ecology & Silviculture or
WLE 423	Wetland Ecology & Conservation
WLE 410/411	Wildl. Population Dynam. & Conserv./Lab
_____	Concentration Requirement
_____	Concentration Requirement
_____	Concentration Requirement (If not enrolling in ECO 377)

	semester/yr.	passed
3		
4		
4		

Total: _____

Fourth Year

WLE 450	Wildlife-Habitat Relationships
WLE 455 or	Wildlife-Habitat Evaluation or
WLE 457	Ecology and Management of Game Birds
_____	Concentration Requirement
_____	Concentration Requirement or
_____	*Gen. Ed. Requirements for WLE

	semester/yr.	passed
3		
2		
3		

Total: _____

*** WLE Required General Education Catagories**

_____	Ethics
_____	Western Cultural Tradition
_____	Cultural Div. & Int'l Perspectives
_____	Artistic and Creative Expression

	semester/yr.

These credits are included in the semester totals above.

Other Courses Completed

	semester/yr.	passed

Total: _____

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	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:			

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Concentration Requirements

Students majoring in Wildlife Ecology must declare a concentration. However, students may complete the Honors Program or pursue a minor/double major in another discipline instead of completing a concentration.

****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