

WILDLIFE AND FISHERIES BIOLOGY – WILDLIFE BIOLOGY CONCENTRATION

SAMPLE EIGHT SEMESTER DEGREE PROGRAM AND DEGREE CHECKLIST

Below is a *sample* program provided to give you an idea about how to structure your coursework. It is recommended that you enroll in an average of 15 credits each semester. Your individual program may differ greatly based on the courses you take each semester including winter and summer term, requirements for minor and concentration, and numerous other factors. There are often alternate course choices to complete requirements. Your program should *include high impact learning practices such as internships, service-learning courses, research, and study abroad*. High impact learning practices are in **bold** below where they are embedded in the curriculum.

ACADEMIC YEAR	FIRST SEMESTER	SECOND SEMESTER		
FIRST YEAR	NR 1 Natural History & Human Ecology 1	4	NR 2 Natural History & Human Ecology 2	4
	NR 95 Dialogue and Critical Reflection	1	RSENR General Education Requirement	3
	MATH 19 Fundamentals of Calculus I	3	UVM Diversity Requirement – D2	3
	ENGS 1 UVM Requirement	3	BIOL 2 Principles of Biology	4
	BIOL 1 Principles of Biology	<u>4</u>	NR 6 D1: Race & Culture in Natural Resources	<u>3</u>
	Total Hours	15	Total Hours	17
SOPHOMORE	RSENR General Education Requirement	3	NR 103 Ecology, Ecosystems & Environment	3
	CHEM 23 General Chemistry	4	NR 104 Social Processes & the Environment	3
	FOR 111 Natural Resource Ecology & Assessment 1	4	WFB 117 Scientific Writing and Interpretation	3
	FOR 21 Dendrology	<u>4</u>	CHEM 26 Outline of Organic & Biochem	4
		Total Hours	15	WFB 130 Ornithology
			Total Hours	16
SUMMER	WFB 131 Field Ornithology	2		
	WFB 150 Wildlife Habitat & Population Mgmt	<u>1</u>		
	Total Hours	3		
	★★ 3-6 credit internship or related job recommended following Sophomore year either during school year, over a break or over a summer ★★			
JUNIOR	RSENR General Education Requirement	3	NR 205 SU: Ecosystems Management	3
	NR 143, Intro to Geographic Information Systems	3	RSENR General Education Requirement	3
	WFB 161 Fisheries Biology & Techniques	4	NR 140 Applied Environmental Statistics	4
	WFB 174 Principles of Wildlife Management	<u>3</u>	Elective	3
		Total Hours	13	Elective
			Total Hours	16
SENIOR	NR 207 D1: Power, Privilege & Environment	1	NR 206 SL: Environmental Problem Solving	4
	BIOL 217 Mammalogy	4	Wildlife Option Course	3
	Wildlife Option Course	4	WFB 224 Conservation Biology	4
	Elective	3	Elective	<u>3</u>
	Elective	<u>3</u>		Total Hours
	Total Hours	15		
			TOTAL DEGREE HOURS	<u>124</u>

TO DO list:

- Need 120 credits to graduate with WFB degree.
- Consider **Greening of Rubenstein internship** in First Year or Sophomore year.
- Explore opportunities to conduct **research** and/or get practical experience with a **job** or **internship**.
- Choose **service-learning** courses when possible.

