



WILDLIFE AND FISHERIES BIOLOGY – FISHERIES 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. Because of these individual variations, it is vitally important to meet with your Faculty Advisor at *least* once a semester!

ACADEMIC YEAR	FIRST SEMESTER	SECOND SEMESTER
FIRST YEAR	NR 1 Natural History & Human Ecology 1 4 NR 95 Dialogue and Critical Reflection 1 MATH 19 Fundamentals of Calculus I 3 ENGS 1 UVM Requirement 3 BIOL 1 Principles of Biology 4 Total Hours 15	NR 2 Natural History & Human Ecology 2 4 RSENR General Education Requirement 3 UVM Diversity Requirement – D2 3 BIOL 2 Principles of Biology 4 NR 6 D1: Race & Culture in Natural Resources 3 Total Hours 17
SOPHOMORE	RSENR General Education Requirement 3 RSENR General Education Requirement 3 CHEM 23 General Chemistry 4 FOR 111 Natural Resource Ecology & Assessment 1 4 Elective 3 Total Hours 17	NR 103 Ecology, Ecosystems & Environment 3 NR 104 Social Processes & the Environment 3 WFB 117 Scientific Writing and Interpretation 3 CHEM 26 Outline of Organic & Biochem 4 Elective 3 Total Hours 16
★★ 3-6 credit internship recommended following Sophomore year either during school year, over a break or over a summer ★★		
JUNIOR	NR 143, Intro to Geographic Information Systems 3 WFB 161 Fisheries Biology & Techniques 4 WFB 174 Principles of Wildlife Management 3 NR 250 Limnology 4 Total Hours 14	NR 205 Ecosystems Management 3 RSENR General Education Requirement 3 NR 140 Applied Environmental Statistics 4 WFB 261 Fisheries Management 3 – OR – WFB 232, Ichthyology 3 Fisheries Option Course 3 Total Hours 16
SENIOR	NR 207 D1: Power, Privilege & Environment 1 NR 280 Stream Ecology 4 Fisheries Option Course 4 Elective 3 Elective 3 Total Hours 15	NR 206 SL: Environmental Problem Solving 4 WFB 232 Ichthyology 3 – OR – WFB 261 Fisheries Management 3 WFB 224 Conservation Biology 4 Elective 3 Total Hours 14
		TOTAL DEGREE HOURS 124

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.

