



WILDLIFE AND FISHERIES BIOLOGY – FISHERIES BIOLOGY CONCENTRATION (PRE-FALL 2019 CATALOGUE)

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 NR 6 D1: Race & Culture in Natural Resources MATH 19 Fundamentals of Calculus I ENGS 1 UVM Requirement BIOL 1 Principles of Biology Total Hours	4 2 3 3 <u>4</u> 16	NR 2 Natural History & Human Ecology 2 RSENR General Education Requirement UVM Diversity Requirement – D2 BIOL 2 Principles of Biology Elective Total Hours	4 3 3 4 <u>3</u> 17
SOPHOMORE	RSENR General Education Requirement RSENR General Education Requirement CHEM 23 General Chemistry FOR 111 Natural Resource Ecology & Assessment 1 Total Hours	3 3 4 <u>4</u> 14	NR 103 Ecology, Ecosystems & Environment NR 104 Social Processes & the Environment WFB 117 Scientific Writing and Interpretation CHEM 26 Outline of Organic & Biochem Elective Total Hours	3 3 3 4 <u>3</u> 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 WFB 161 Fisheries Biology & Techniques WFB 174 Principles of Wildlife Management NR 250 Limnology Total Hours	3 4 3 <u>4</u> 14	NR 205 Ecosystems Management RSENR General Education Requirement NR 140 Applied Environmental Statistics WFB 261 Fisheries Management – OR – WFB 232, Ichthyology Fisheries Option Course Total Hours	3 3 4 <u>3</u> <u>3</u> 16
SENIOR	NR 207 D1: Power, Privilege & Environment NR 280 Stream Ecology Fisheries Option Course Elective Elective Total Hours	1 4 4 3 <u>3</u> 15	NR 206 SL: Environmental Problem Solving WFB 232 Ichthyology – OR – WFB 261 Fisheries Management WFB 224 Conservation Biology Elective Total Hours	4 3 3 4 <u>3</u> 14
		TOTAL DEGREE HOURS	<u>122</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.

