

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. We recommend that you enroll in an average of 15 credits each semester. Your individual program may differ based on the courses you take each semester including winter and summer term, requirements for concentration and your minor (if any), and other factors. Alternate course choices are often available to complete requirements. Your program can include *internships, service-learning courses, research, and study abroad programs that supplement, complement, and in some cases substitute for required or elective courses.*

| 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 5 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 | 4 | NR 6 D1: Race & Culture in Natural Resources | 3 |
| | Total Hours | 15 | Total Hours | 17 |
| SOPHOMORE | RSENR General Education Requirement | 3 | NR 103 Ecology, Ecosystems & Environment | 3 |
| | RSENR General Education Requirement | 3 | NR 104 Social Processes & the Environment | 3 |
| | CHEM 23 General Chemistry | 4 | WFB 117 Scientific Writing and Interpretation | 4 |
| | WFB 101 Methods in Fisheries and Wildlife | 4 | CHEM 26 Outline of Organic & Biochem | 4 |
| | Total Hours | 14 | Elective | 3 |
| | | | Total Hours | 17 |
| ★★ 3-6 credit internship(s) or related job(s) recommended during school year, over breaks, or during summers ★★ | | | | |
| JUNIOR | NR 143, Intro to Geographic Info Systems | 3 | NR 205 Ecosystems Management | 3 |
| | WFB 161 Fisheries Biology & Techniques | 4 | RSENR General Education Requirement | 3 |
| | WFB 174 Principles of Wildlife Management | 3 | NR 140 Applied Environmental Statistics | 4 |
| | Elective | 3 | WFB 261 Fisheries Management | 3 |
| | Total Hours | 13 | – OR – WFB 232, Ichthyology | 3 |
| | | | NR 280 Stream Ecology | 4 |
| | | | Total Hours | 17 |
| SENIOR | Fisheries Option Course | 3 | NR 206 SL: Environmental Problem Solving | 4 |
| | Fisheries Option Course | 3 | WFB 232 Ichthyology | 3 |
| | NR 250 Limnology | 4 | – OR – WFB 261 Fisheries Management | 3 |
| | Elective | 3 | WFB 224 Conservation Biology | 4 |
| | Elective | 3 | Elective | 3 |
| | Total Hours | 16 | Total Hours | 14 |
| | | | TOTAL DEGREE HOURS | 123 |

TO DO list:

- Meet with your advisor to discuss a course sequence plan.
- Complete a minimum of 120 total credits for the WFB degree.
- Explore opportunities to conduct **research** and/or get practical experience with a **job** or **internship**.
- Consider joining a WFB-related SGA club such as the UVM Wildlife and Fisheries Society, Audubon Society, or Backcountry Hunters and Anglers.