

ENVIRONMENTAL SCIENCES MAJOR

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 2 | 4 | NR 2 Natural History & Human Ecology 2 | 4 |
| | NR 5 Critical Reflection and Dialogue | 1 | NR 6 D1: Race & Culture in Natural Resources | 3 |
| | MATH 19 Fundamentals of Calculus 1 | 3 | ENGS 1 UVM Writing Requirement | 3 |
| | ENSC 1 Intro to Environmental Science | 3 | CHEM 32 General Chemistry 2 | 4 |
| | ENSC 9 ENSC Orientation | 1 | MATH 20 Fundamentals of Calculus 2 | <u>3</u> |
| | CHEM 31 General Chemistry 1 | <u>4</u> | Total Hours | 17 |
| | Total Hours | 16 | | |
| SOPHOMORE | NR 103 Ecology, Ecosystems & Environment | 3 | NR 140 Applied Environmental Statistics | 4 |
| | NR 104 Social Processes & the Environment | 3 | UVM Diversity Requirement – D2 | 3 |
| | ENSC 130 Global Environmental Assessment | 3 | BIOL 2 Exploring Biology | 4 |
| | BIOL 1 Principles of Biology | 4 | CHEM 42 Intro to Organic Chemistry | <u>4</u> |
| | Elective | <u>3</u> | Total Hours | 15 |
| | Total Hours | 16 | | |
| ★★ 3-6 credit internship recommended following Sophomore or Junior year either during school year or over a summer ★★ | | | | |
| JUNIOR | NR 205 Ecosystem Management | 3 | Ideal Study Abroad Semester | |
| | NR 21 Speaking and Listening (UVM Speech Req) | 2 | Concentration Elective | 4 |
| | GEOL 55 Environmental Geology or PSS 161 | 4 | Concentration Elective | 4 |
| | ENSC 160 Pollutant Movement thru Air, Land & Water | 4 | Concentration Elective | 3 |
| | Elective (e.g., Minor) | <u>3</u> | Elective (e.g., Minor) | <u>3</u> |
| | Total Hours | 16 | Total Hours | 14 |
| SENIOR | NR 206 SL: Environmental Problem Solving | 4 | ENSC 201 Recovery & Restor of Altered Ecosystems | 4 |
| | Concentration Elective | 4 | ENSC 202 Applied Envir Assess Analysis | 4 |
| | Concentration Elective (e.g., Internship credit) | 3 | Elective (e.g., Minor) | 3 |
| | Elective (e.g., Minor) | <u>3</u> | Elective (e.g., Minor) | <u>3</u> |
| | Total Hours | 14 | Total Hours | 14 |
| TOTAL DEGREE HOURS | | | | <u>122</u> |

TO DO list:

- Need 120 credits to graduate with ENSC degree.
- Explore opportunities to conduct **research** and/or get practical experience with a **job** or **internship**.
- Choose **service-learning** courses when possible.
- Consider **study abroad** spring of your junior year.