

Program Planning Guide

Bachelor of Science: Environmental Science

YOUR COURSE PLANNING: This worksheet has been created as a guide for admitted students. Note, your course planning may look different than another student; this worksheet has been designed for students wishing to complete their program within a four-year timeline. Students may elect to take part-time studies or a reduced course load. Refer to the [Undergraduate Academic Regulations](#) within the Undergraduate Calendar for more information.

For requirements that have a “pick list” (i.e. *choose one of*) please visit the Undergraduate Calendar to see a detailed list. The list or requirements may change, so please ensure you follow the appropriate requirements ([the 2024-2025 Undergraduate Calendar](#)). After July 1, 2024, you can find the calendar in a [PDF format](#).

| 100/200 Level Requirements (Lower Division) | | | |
|--|--------------|-----------------|------|
| Requirements | Credit Hours | Course Selected | Done |
| BIOL 103/123 | 4 | | |
| BIOL 104/124 | 4 | | |
| CHEM 100/120 | 4 | | |
| CHEM 101/121 | 4 | | |
| ENSC 111 | 1 | | |
| MATH 100 | 3 | | |
| MATH 101 | 3 | | |
| PHYS 100 or PHYS 110 | 4 | | |
| PHYS 101 (with PHYS 100) or PHYS 111 (with PHYS 110) | 4 | | |
| BIOL 201 | 3 | | |
| BIOL 203 | 3 | | |
| CHEM 210 | 3 | | |
| ENSC 201 | 3 | | |
| ENSC 202 | 3 | | |
| ENSC 250 | 3 | | |
| FSTY 205 | 3 | | |
| GEOG 204 | 3 | | |
| GEOG 210 | 3 | | |
| STAT 240 or STAT 371 | 3 | | |

| 300/400 Level Requirements (Upper Division) | | | |
|--|--------------|-----------------|------|
| Requirements | Credit Hours | Course Selected | Done |
| ENPL 305 | 3 | | |
| ENPL 401 | 3 | | |
| ENSC 308 | 3 | | |
| ENSC 406 | 3 | | |
| ENSC 418 | 3 | | |
| ENSC 440 or ENSC 499 or an approved 3 credit field course | 2-6 | | |
| ENSC 450 | 3 | | |
| ENVS 414 | 3 | | |
| NREM 306 | 3 | | |
| Two of ENGR/ENSC List | 3 3 | | |
| Other | | | |
| Electives (any level, or to ensure residency is met); breadth; and/or courses needed for the Minor requirement | 3 | | |
| | 3 | | |
| | 3 | | |
| | 3 | | |
| | 3 | | |
| | 3 | | |
| | 3 | | |
| | 3 | | |
| | 3 | | |
| | 3 | | |
| Total Credit Hours | 127 | | |

BREADTH REQUIREMENT: As a part of this program, students will have satisfied their Natural Sciences breadth requirement (with the required BIOL courses), the Physical Sciences requirements (with the required MATH, PHYS or STAT courses) and Social Sciences (with the required ENPL courses). It is recommended for the Arts & Humanities quadrant, that students take ENGL 170: *Writing and Communication Skills*. Please review the [breadth requirements](#) to ensure the appropriate requirements are satisfied.

UNDERGRADUATE CALENDAR: It is the student's responsibility to be aware of all University of Northern British Columbia [Undergraduate Calendar](#) regulations. Academic regulations, program information, course information, and pre-requisites can be found in this document.

EFFECTIVE SEPTEMBER 2024

NOTE: Although every attempt has been made to ensure the information on this worksheet is accurate, in the case of any discrepancy the Academic Calendar shall be considered the authority. This program planning worksheet is an unofficial planning tool for students new to UNBC and for students in a non-competitive entry program. Once your program has been declared, please use your degree evaluation as it is the official degree program-tracking document. You can find more information about your degree evaluation and how to run one at unbc.ca/advising.

Sample Sequencing Plan

| First Year | | |
|-----------------------|------------------------|-------------------------------------|
| Fall | Winter | Summer |
| BIOL 103/123 | BIOL 104/124 | |
| CHEM 100/120 | CHEM 101/121 | |
| ENSC 111 | MATH 101 | |
| MATH 100 | PHYS 101 | |
| PHYS 100 | Elective (for breadth) | |
| Second Year | | |
| BIOL 201 | BIOL 203 | |
| ENSC 202 | ENSC 201 | |
| FSTY 205 | ENSC 250 | |
| GEOG 210 | Elective and/or Minor | |
| STAT 240 or STAT 371 | Elective and/or Minor | |
| Third Year | | |
| ENSC 308 | ENPL 305 | Internship or approved field school |
| GEOG 204 | ENGR/ENSC List* | |
| CHEM 210 | NREM 306 | |
| Elective and/or Minor | Elective and/or Minor | |
| Elective and/or Minor | Elective and/or Minor | |
| Fourth Year | | |
| ENPL 401 | ENSC 406 | |
| ENSC 418 | ENGR/ENSC List* | |
| ENSC 450 | ENVS 414 | |
| Elective/Minor | Elective/Minor | |
| Elective/Minor | Elective/Minor | |

Course Notes

- We highly encourage students to consult with the Undergraduate Calendar for course descriptions and pre/co-requisites to ensure proper progression through your program.
- Students wishing to take ENSC 250 should note that STAT 240 should be taken in Year 2-Fall.
- Students need to declare a Minor as part of the degree requirements.** This is indicated as Elective and/or Minor in the sample scheduling plan.
- If considering taking ENSC 440: *Internship* or ENSC 499 *Independent Study*, please consult with the [Program Handbook](#) for more information.
- Some courses in this list are offered in alternating years; please schedule accordingly.
- The courses required to become a BC Professional Agrologist (PAG) are specified [HERE](#) and are available as requirements and electives within the major.
- Students wishing to become a Professional Geoscientist should consult with the requirements listed on [Engineers and Geoscientists of British Columbia](#) and the self-evaluation checklist.
- We recommend meeting with your advisor once annually to ensure you are on track to satisfying your degree requirements.

Advisor Notes

STUDENT ADVISING: We're here for you! To book an appointment, or to see when drop-ins are scheduled, please contact advising@unbc.ca or call 250.960.6306.

DEGREE EVALUATIONS: The [Degree Evaluation](#) is an interpretation of the Undergraduate Calendar for the year that you were admitted and helps display the requirements needed for your program.

DOUBLE MAJORS: Students who are considering a double major should speak with their Student Advisor as soon as possible.

HONOURS: Students can apply for Honours after completing 60 credit hours of study with a minimum GPA of 3.33. Honours students are expected to complete a thesis in place of ENSC 440-3/499-3. Note, attaining the minimum GPA does not guarantee entry into the Honours Program. Entry into the Honours program is at the discretion of the Department.

RESIDENCY REQUIREMENT: Students must complete a minimum of 30 credit hours of upper division UNBC course work to receive a UNBC degree.

TIME LIMIT: Except by permission of the Dean, students must complete their undergraduate degree program within 15 years of their first semester of registration.

EFFECTIVE SEPTEMBER 2024

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