

**PROGRAM SCHEDULE FOR  
ENVSCNC-BSC (BSc in Environmental Science)  
INTAKE: September 2022 (Y2223F-CA1F)  
September 6, 2022 - September 1, 2023**

*Program schedules, including start and end dates, are subject to change*

| Non-Credit Required Activities                     |        |  |             |                                |                       |               |         |                      |
|--|--------|--|-------------|--------------------------------|-----------------------|---------------|---------|----------------------|
| Activity   |        | Description  | Grade Scale | Start Date (mm/dd/yyyy)        | End Date (mm/dd/yyyy) | Delivery Mode | # weeks |                      |
| ITAI   |        | Introduction to Academic Integrity   | C/I         | 9/6/2022                       | 9/18/2022             | Online        | 2       | Required             |
| Course   | Credit | Course Title   | Grade Scale | Start Date (mm/dd/yyyy)        | End Date (mm/dd/yyyy) | Delivery Mode | # weeks | Required or Elective |
| <b>Foundations</b>                                 |        |  |             |                                |                       |               |         |                      |
| ENSC308*   |        | Foundational Biology and Communications for Environmental Sciences                         | 4.33        | 9/19/2022                      | 12/16/2022            | On-Campus     | 13      | Required             |
| ENSC309*   |        | Foundational Chemistry and Math for Environmental Sciences                                 | 4.33        | 9/19/2022                      | 12/16/2022            | On-Campus     | 13      | Required             |
| <b>1st Quarter (October 3 - December 16, 2022)</b> |        |  |             |                                |                       |               |         |                      |
| ENSC308*   | 3      | Foundational Biology and Communications for Environmental Sciences                         | 4.33        | 9/19/2022                      | 12/16/2022            | On-Campus     | 13      | Required             |
| ENSC309*   | 3      | Foundational Chemistry and Math for Environmental Sciences                                 | 4.33        | 9/19/2022                      | 12/16/2022            | On-Campus     | 13      | Required             |
| ENSC303  | 3      | Statistics   | 4.33        | 10/3/2022                      | 12/16/2022            | On-Campus     | 11      | Required             |
| ENSC304  | 3      | Atmospheric and Oceanic Sciences   | 4.33        | 10/3/2022                      | 12/16/2022            | On-Campus     | 11      | Required             |
| ENSC420  |        | Major Project  | 4.33        | 11/14/2022                     | 9/1/2023              | On-Campus     | 42      | Required             |
| <b>2nd Quarter (January 3 - March 17, 2023)</b>    |        |  |             |                                |                       |               |         |                      |
| ENSC420  |        | Major Project  | 4.33        | 11/14/2022                     | 9/1/2023              | On-Campus     | 42      | Required             |
| ENSC301  | 3      | Sustainable Development Series   | 4.33        | 1/3/2023                       | 3/17/2023             | On-Campus     | 11      | Required             |
| ENSC306  | 3      | Environmental Chemistry<br><i>Pre-requisite is ENSC309</i>                                 | 4.33        | 1/3/2023                       | 3/17/2023             | On-Campus     | 11      | Required             |
| ENSC317  | 3      | Applied and Environmental Microbiology and Biochemistry<br><i>Pre-requisite is ENSC308</i> | 4.33        | 1/3/2023                       | 3/17/2023             | On-Campus     | 11      | Required             |
| ENSC418  | 3      | Environmental Hydrology & Remediation  | 4.33        | 1/3/2023                       | 3/17/2023             | On-Campus     | 11      | Required             |
| <b>3rd Quarter (March 27 - June 9, 2023)</b>       |        |  |             |                                |                       |               |         |                      |
| ENSC420  |        | Major Project  | 4.33        | 11/14/2022                     | 9/1/2023              | On-Campus     | 42      | Required             |
| ENSC403  | 3      | Industrial Processes<br><i>Pre-requisite is ENSC306</i>                                    | 4.33        | 3/27/2023                      | 6/9/2023              | On-Campus     | 11      | Required             |
| ENSC406  | 3      | Environmental Ecology  | 4.33        | 3/27/2023                      | 6/9/2023              | On-Campus     | 11      | Required             |
| ENSC407  |        | Ecotoxicology<br><i>Pre-reqs: ENSC308, ENSC309, ENSC303, ENSC306 &amp; ENSC317</i>         | 4.33        | 3/27/2023                      | 7/14/2023             | On-Campus     | 15      | Required             |
| ENSC419  | 3      | Land Use and Environmental Planning  | 4.33        | 3/27/2023                      | 6/9/2023              | On-Campus     | 11      | Required             |
| ENSC421  |        | Comprehensive<br><i>All courses are co-requisite</i>                                       | 4.33        | 3/27/2023                      | 9/1/2023              | On-Campus     | 22      | Required             |
| ENSC430  | 3      | Geotechnology  | 4.33        | 3/27/2023                      | 6/9/2023              | On-Campus     | 11      | Required             |
| <b>4th Quarter (June 19 - September 1, 2023)</b>   |        |  |             |                                |                       |               |         |                      |
| ENSC420  | 6      | Major Project  | 4.33        | 11/14/2022                     | 9/1/2023              | On-Campus     | 42      | Required             |
| ENSC407  | 4.5    | Ecotoxicology<br><i>Pre-reqs: ENSC308, ENSC309, ENSC303, ENSC306 &amp; ENSC317</i>         | 4.33        | 3/27/2023                      | 7/14/2023             | On-Campus     | 15      | Required             |
| ENSC421  | 1.5    | Comprehensive<br><i>All courses are co-requisite</i>                                       | 4.33        | 3/27/2023                      | 9/1/2023              | On-Campus     | 22      | Required             |
| ENSC313  | 3      | Application of Environmental Law   | 4.33        | 6/19/2023                      | 9/1/2023              | On-Campus     | 11      | Required             |
| ENSC415  | 3      | Environmental Management Tools   | 4.33        | 6/19/2023                      | 9/1/2023              | On-Campus     | 11      | Required             |
| ENSC423  | 3      | Environmental Economics  | 4.33        | 6/19/2023                      | 9/1/2023              | On-Campus     | 11      | Required             |
| ENSC431  | 3      | Air Quality and Wastewater Management  | 4.33        | 6/19/2023                      | 9/1/2023              | On-Campus     | 11      | Required             |
| <b>Total Number of Program Credits: 60</b>         |        |  |             | <b>Updated: April 10, 2019</b> |                       |               |         |                      |

\*course pending approval.

**Definition Key:**

**Delivery Mode (way in which the course is delivered to the student):**

**Blended** indicates that some components of the course are online and some are on campus.

**On-Campus**, also known as Face to Face, indicates that course is taught on site at Royal Roads University.

**Online**, also known as Distance Learning (DL), indicates that the course is taken over the Internet.

**On Location** indicates that course is taught off campus at another location.

**Pre-Res-DL** indicates portion of course that takes place online prior to the Residency.

**Post-Res-DL** indicates portion of course that takes place online after the Residency.

**Residency vs Distance Row Headers:**

**Residency** indicates courses or a period of time during which students are on site receiving instruction in person at Royal Roads University or at a partner institution such as those in France or Thailand. When followed by One, Two, Three or Four, indicates whether it is the first, second, third or fourth residency period.

**Pre-Res**, or Pre-Residency, indicates courses that are being offered prior to the student attending Residency.

**Distance** indicates courses or a period of time during which students take their courses online (aka Distance Learning). When followed by One, Two, Three or Four, indicates whether it is the first, second, third or fourth Distance Learning period.