

* International students are obliged to register for a minimum of 12 credits per term (full-time status) to fulfill their study permit obligations. The exceptions can be a "scheduled break" in the summer term, and the last term of the program when they may be registered for fewer than 12 credits.

Course Requirements

Research Project Students must first complete two terms of lectured coursework before registering for the project. Students will normally will aim to do their M.Sc.A. Project or Internship in the Summer semester, but other semesters are possible as well. Summer term registration opens in MARCH

Certain courses have a pre-requisite or require permission of the instructor in order to register. You can e-mail the instructor directly to request a permit to register for the course on Minerva, stating 1) the reason you would like to take the course, and 2) proof of any required pre-requisites. You also need to provide your name, McGill ID, and the name of the program you are in (M.Sc.A. Bioresource Engineering - Environmental Engineering) and the Faculty in some cases, if the course is in another faculty. Contact information for faculty and staff can generally be found here:

<https://www.mcgill.ca/directory/staff/>

Important to consider when choosing a course is **strongly recommended you e-mail the course instructor to confirm that you have the appropriate background to succeed in a course.** You should confirm the course requirements before registering for a course. McGill Graduate Grading Policy: The minimum passing grade for a graduate student is B- or 65%. McGill Graduate Failure Policy (link [here](#)): second course failure a student will be withdrawn from the university.

Failure Policy: https://www.mcgill.ca/study/university_regulations_and_resources/graduate/gps_gi_failure_policy

This list is subject to change as course offerings at McGill are updated each year. Note that many courses are given by departments on the

If a course is fully you may also try contacting the instructor to see if there are any extra spaces possible, particularly if required for your program.

The approval of your Program Advisor is required for:

- 1) Elective courses not found in the lists below
- 2) Any proposed alternatives to complementary courses in the program

BREE 671 (6) Project 1

BREE 533 (3) Water Quality Management

CHEE 591 (3) Environmental Bioremediation

CIVE 615 (3) Environmental Engineering Seminar

Data Analysis Course (3 credits from the following):

AEMA 610 (3) Statistical Methods 2 *alternative*

AEMA 611 (3) Experimental Designs 1

CIVE 555 (3) Environmental Data Analysis

CIVE 609 (4) Risk Engineering *alternative*

ENVB 506 (3) Quantitative Methods: Ecology *alternative*

PSYC 650 (3) Advanced Statistics 1

Toxicology Course (3 credits from the following):

ENVB 500 (3) Advanced Topics in Ecotoxicology *alternative*

OCCH 612 (3) Principles of Toxicology

OCCH 616 (3) Occupational Hygiene

Water Pollution Engineering Course (4 credits from the following):

CIVE 574 (3) Fluid Mechanics of Water Pollution *alternative*

CIVE 651 (4) Theory: Water/Wastewater Treatment

CIVE 652 (4) Bioprocesses for Wastewater Resource Recovery

CIVE 660 (4) Chem.&Phys. Treatment of Waters

CIVE 677 (4) Water-Energy Sustainability* *alternative*

* cannot be used to fulfill more than one section in program requirements

Air Pollution Engineering Course (3 credits from the following):

ATOC 512 (3) Atmospheric and Oceanic Dynamics *alternative*

ATOC 519 (3) Advances in Chemistry of Atmosphere *alternative*

~~CHEE 592 (3) Industrial Air Pollution Control~~ *Course retired 2023*

MECH 534 (3) Air Pollution Engineering

CIVE 561 (3) Greenhouse Gas Emissions *alternative*

or an approved 500-, 600-, or 700-level 352 or 56

