

FOUNDATION PROGRAM (B.ENG. (BIORESOURCE)) (30 CREDITS)

Offered by: Bioresource Engineering (Faculty of Agricultural and Environmental Sciences)

Degree: Bachelor of Engineering (Bioresource)

Program credit weight: 30

Program Description

If you are entering university for the first time from a high school system (outside of the Quebec CEGEP system) you will be required to complete a Freshman/Foundation year of at least 30 credits as listed below.

Normally, students registered in the Faculty of Agricultural and Environmental Sciences Freshman/Foundation Year program may take a maximum of 8 credits outside the Faculty offerings to meet the requirements of the program. Permission to exceed this limit must be received from the Associate Dean (Student Affairs) prior to registration.

Note: If you are not certain that you have adequate math and/or physics skills to commence the freshman/foundation year you may wish to take preparatory courses prior to the normal Fall semester. You are encouraged to discuss your potential need with your academic adviser. Mathematical skill level will be determined during the first week of classes. Your Freshman/Foundation Year adviser may recommend that you register for an additional weekly Pre-calculus Lab, of one credit, which may be applied towards the required credits of the degree program.

For information on academic advising, see: <http://www.mcgill.ca/macdonald/studentinfo/advising>

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Required Courses - Fall (14.5 credits)

Expand allContract all

Course	Title	Credits
AEBI 120	General Biology.	3
AECH 110	General Chemistry 1.	4
AEMA 101	Calculus 1 with Precalculus.	4
AEPH 113	Physics 1.	4
BREE 187	Freshman Seminar 1.	0.5

Required Courses - Winter (15.5 credits)

Expand allContract all

Course	Title	Credits
AECH 111	General Chemistry 2.	4
AEMA 102	Calculus 2.	4
AEPH 115	Physics 2.	4
BREE 103	Linear Algebra.	3
BREE 188	Freshman Seminar 2.	0.5