BIORESOURCE ENGINEERING (NON-THESIS): INTEGRATED WATER RESOURCES MANAGEMENT (M.SC.) (45 CREDITS)

Offered by: Bioresource Engineering (Faculty of Agricultural and Environmental Sciences)
Degree: Master of Science
Program credit weight: 45

Program Description

The Master of Science (M.Sc.) in Bioresource Engineering; Non-Thesis - Integrated Water Resources Management program is a one-year professional course-based program, including an internship, which is a central feature of the program. The program provides an essential approach to the sustainable management of our natural watershed resources, and focuses on the biophysical, environmental, legal, institutional, and socio-economic aspects of water use and management, in an integrated context.

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.

Research Project (6 credits)

Expand allContract all

Course	Title	Credits
BREE 631	Integrated Water Resources Management Project.	6

Required Courses (27 credits)

Expand allContract all

Course	Title	Credits
BREE 503	Water: Society, Law and Policy.	3
BREE 510	Watershed Systems Management.	3
BREE 630	Integrated Water Resources Management Internship.	13
BREE 651	Departmental Seminar M.Sc. 1.	1
BREE 652	Departmental Seminar M.Sc. 2.	1
BREE 655	Integrated Water Resources Management Research Visits.	3
PARA 515	Water, Health and Sanitation.	3

Elective Courses (12 credits)

12 credits, at the 500 level or higher, of any relevant course(s) chosen in consultation with the Program Director.