

MATERIALS ENGINEERING (THESIS) (M.SC.) (45 CREDITS)

Offered by: Mining & Materials Engineering (Faculty of Engineering)

Degree: Master of Science

Program credit weight: 45

Program Description

The M.Sc. in Materials Engineering (Thesis) is a research-oriented program that focuses on research skills and knowledge of materials engineering through coursework and a research thesis under the supervision of a Faculty member (professor). Emphasis is placed on research methods, as well as fundamentals. As such, the program is the more suitable option for those whose primary interest is research. The M.Sc. (Thesis) is for candidates with a Bachelor's degree in Engineering or from a discipline relevant to materials engineering.

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.

Thesis Courses (27 credits)

Expand allContract all

Course	Title	Credits
MIME 690	Thesis Research 1.	6
MIME 691	Thesis Research 2.	3
MIME 692	Thesis Research 3.	6
MIME 693	Thesis Research 4.	3
MIME 694	Thesis Research 5.	6
MIME 695	Thesis Research 6.	3

Required Courses (9 credits)

Expand allContract all

Course	Title	Credits
MIME 601	Engineering Laboratory Practice.	0
MIME 610D1	Master's Foundation Course.	1.5
MIME 610D2	Master's Foundation Course.	1.5
MIME 670	Research Seminar 1.	6

Complementary Courses (9 credits)

9 credits at the 500-level or higher selected from within and/or outside the Department in consultation with the student's supervisor and/or Advisory Committee.