

BIOLOGY (THESIS) (M.SC.) (45 CREDITS)

Offered by: Biology (Faculty of Science)

Degree: Master of Science

Program credit weight: 45

Program Description

The Master of Science in Biology is a research-focused program that encompasses a diverse range of topics in biology, from molecules and cells to organisms and ecosystems, including development, behaviour and evolution. Research themes include:

1. molecular, cellular and developmental biology,
2. conservation, ecology and evolution, and
3. neurobiology and behaviour.

This program allows students considerable flexibility in their choice of research and coursework and encourages cross-disciplinary thinking.

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 (39 credits)

Expand allContract all

Course	Title	Credits
BIOL 697	Master's Thesis Research 1.	13
BIOL 698	Master's Thesis Research 2.	13
BIOL 699	Master's Thesis Research 3.	13

Complementary Courses (6 credits)

3 credits from the following [choose BIOL 601 Introduction to Graduate Studies in Biology. and either BIOL 602 Molecular Biology Research and Professional Skills. or BIOL 603 Organismal Biology Research and Professional Skills.]:

Expand allContract all

Course	Title	Credits
BIOL 601	Introduction to Graduate Studies in Biology.	1.5
BIOL 602	Molecular Biology Research and Professional Skills.	1.5
BIOL 603	Organismal Biology Research and Professional Skills.	1.5

*Or 3 credits at the 500 level or higher with the approval of the Graduate Program Director.

3 credits at the 500, 600, or 700 level in Biology or other departments, and approved by the Supervisory Committee.