

PLANT SCIENCE (THESIS): BIOINFORMATICS (M.SC.) (45 CREDITS)

Offered by: Plant Science (Faculty of Agricultural and Environmental Sciences)

Degree: Master of Science

Program credit weight: 45

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 (36 credits)

Expand allContract all

Course	Title	Credits
PLNT 664	M.Sc. Thesis 1.	12
PLNT 665	M.Sc. Thesis 2.	12
PLNT 667	MSc Thesis 3A.	12

Required Invitational Seminar

Expand allContract all

Course	Title	Credits
PLNT 690	Research Horizons in Plant Science 1.	0

Required Courses (3 credits)

Expand allContract all

Course	Title	Credits
COMP 616D1	Bioinformatics Seminar.	1.5
COMP 616D2	Bioinformatics Seminar.	1.5
PLNT 691	Research Horizons in Plant Science 2.	0

Complementary Courses (6 credits)

- Additional courses at the 500 or 600 level may be required at the discretion of the candidate's advisory committee.
- Chosen from the following:

Expand allContract all

Course	Title	Credits
BINF 511	Bioinformatics for Genomics.	3
BINF 621	Bioinformatics: Molecular Biology.	3
BMDE 652	Bioinformatics: Proteomics.	3
BTEC 555	Structural Bioinformatics.	3
COMP 618	Bioinformatics: Functional Genomics.	3
PHGY 603	Systems Biology and Biophysics.	3