M.Sc. – Thesis Option

Computer Science

201001

Graduate Studies
Science / School of Computer Science

NOTE: THIS DESCRIPTION PERTAINS TO ALL MASTERS PROGRAMS IN COMPUTER SCIENCE (THESIS, PROJECT, BIOINFORMATICS OPTION, CSE OPTION).

The M.Sc. program is offered with either a thesis or a project. The M.Sc. Thesis (45 credits, 46 credits if the multidisciplinary Computational Science and Engineering option is selected) requires six 500, 600 or 700 level courses and a thesis; the M.Sc. Thesis (Bioinformatics option) (45 credits) requires courses in Bioinformatics as well as courses in Computer Science at the 500, 600, or 700 level and a thesis; the M.Sc. Project (Non-Thesis) is 45 credits, requiring nine 500, 600 or 700 level courses and a project. Courses will be chosen with guidance from an academic adviser, subject to approval by the School.

M.Sc. in Computer Science (Thesis) (49 credits)

Required Course (4 credits)
COMP 601 (4) Special Topics in Computer Science

Complementary Courses (minimum 21 credits)
six 500, 600, or 700 level COMP courses

Thesis Component – Required (24 credits)
COMP 698 (9) Thesis Research 1
COMP 699 (15) Thesis Research 2

M.Sc. in Computer Science (Thesis) (45 credits)

Required Courses
None

Complementary Courses (minimum 21 credits)
six 500, 600, or 700 level COMP courses, including at least three 4-credit courses.

Note: Students in the B.Sc./M.Sc. (Thesis) track can substitute one 3-credit course by COMP 696 and one 4-credit course by COMP 697.

Thesis Component – Required (minimum 24 credits)
at least 24 credits, selected from:
COMP 691 (2) Thesis Research 1
COMP 696 (3) Thesis Research 2
COMP 697 (4) Thesis Research 3
COMP 698 (9) Thesis Research 4
COMP 699 (15) Thesis Research 5
This modification achieves several purposes:

1) It allows the implementation of the new B.Sc./M.Sc.(Thesis) track.
2) It reduces to 45 the number of credits of the Thesis Option. This is achieved by removing COMP 601 (reading course) from the list of required courses.
3) To afford additional flexibility to students who need to maintain a full time registration status, we introduce three new thesis courses, COMP 691 (2 credits), COMP 696 (3 credits), and COMP 697 (4 credits). The total number of required thesis credits remains unchanged.

To be completed by ARR: