

# **POLICIES FOR HONOURS MATHEMATICS**

## **Nature and objectives of project**

The project component of the Honours Program is intended to do the following:

- to develop research capability in students,
- to teach students to conduct surveys and reviews of the research literature in mathematics and related areas,
- to teach students to perform critical analysis of research literature,
- to advance students' level of knowledge in a sub-field of mathematics,
- to develop students' written and oral presentation skills.

## **Admission to program**

Interested students should apply to the program, through the Department Chair. The Chair will check that the student meets the academic requirements, and ascertain that the student has chosen a suitable supervisor and project. The Chair will then notify the Registrar's Office that the student has been accepted into the program.

## **Administrative structure**

Each Honours student shall have a supervisor from Department faculty (or co-supervisors, possibly including someone from outside the Department). There is an Honours Committee which oversees the general operation of the program, evaluates the project(s) and ultimately reports to the Department. (The student's supervisor will ordinarily be a member of the Committee.)

## **Written report**

The student will produce a written report on his/her project, approximately 20-25 pages in length, single-spaced, and preferably typeset using LaTeX. The project will count for 70% of the student's final grade, and will be evaluated by the Honours Committee. The deadline for submission of the written report is March 1 for the first version, and April 1 for the final version. A copy of the final version of the report will be given to the Department, for storage in the Departmental Library.

## **Oral presentation**

The student will give a public, oral presentation based on his/her project, which will last approximately 40-50 minutes, plus a question period. The presentation will count for 30% of the student's final grade, and will be evaluated by the Honours Committee. The oral presentation is to be given in March, as scheduled by the Honours Committee in consultation with the student.