

# IMM1550Y – MAJOR RESEARCH PROJECT IN IMMUNOLOGY II SPRING/SUMMER 2019

<http://www.immunology.utoronto.ca/courses/graduate/1550>

## COURSE CONTACTS:

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## COURSE DESCRIPTION:

IMM1550Y is an essential requirement for successful completion of the Master's in Applied Immunology graduate program. Completion of IMM1550Y is a prerequisite for IMM1650Y.

In this course, the student will develop a research proposal that will form the basis of their Major Research Project (MRP). Assisting the student in choosing the MRP will be the host lab's faculty supervisor and the course coordinator.

This proposal shall be in a format suitable for presentation in an industrial setting. It will provide an introduction as to the state of the field in which the MRP will take place. Additionally, the proposal will outline why the suggested assay/technique will provide important advances in the field, a description of how the assay/technique will be designed, a timetable with milestones to be met including contingency plans and "go/no-go" decision points (if applicable), a budget, and interpretation of expected outcomes.

### Key dates and deadlines:

A **printed copy** of the **initial proposal outline** must be **submitted by 5pm June 14th, 2019** to the Program Coordinator.

After the submission of this outline, the student will begin to write the full proposal, and will generate preliminary data in support of their proposal.

**The final proposal will be presented either on August 14th or 15th, 2019** to a panel of 2 faculty members, by appointment. The exact presentation times will be confirmed later in the summer. A **hard copy** of the **written proposal** will be **due at the time of the student's presentation**.

**Late submissions are subject to a penalty of 20% deduction per day late.**

### COURSE MARK BREAKDOWN:

|   |       |
|---|-------|
| • Initial outline of the Major Research Project       | - 15% |
| • GPD Module  | - 15% |
| • Final Major Research Project proposal               | - 35% |
| • Oral defence of the Major Research Project proposal | - 35% |
|   | <hr/> |
|   | 100%  |

Any disputes or issues with your mark **must** be brought to the attention of the Course Coordinator or Program Coordinator **no later than 2 weeks** after receiving the mark. After this time, your mark shall be considered final.

### TIME COMMITMENT:

The student is expected to devote a minimum of 13 weeks at 40 hours per week in the lab towards completion of the proposal and generation of any relevant preliminary data.

### ACADEMIC INTEGRITY:

Academic integrity is fundamental to learning and scholarship at the University of Toronto. Participating honestly, respectfully, responsibly, and fairly in this academic community ensures that the U of T degree that you earn will be valued as a true indication of your individual academic achievement, and will continue to receive the respect and recognition it deserves.

Familiarize yourself with the policies and guidelines listed in the School of Graduate Studies Policies and Guidelines website (<http://www.sgs.utoronto.ca/facultyandstaff/Pages/Policies-and-Guidelines.aspx>) and the University of Toronto's Code of Behaviour on Academic Matters (<http://www.governingcouncil.utoronto.ca/policies/behaveac.htm>). This code is the rulebook for academic behaviour at the U of T, and you are expected to know the rules. Potential offences include, but are not limited to:

*In papers and assignments:*

- Using someone else's ideas or words without appropriate acknowledgement.
- Copying material word-for-word from a source (including lecture and study group notes) and not placing the words within quotation marks.
- Submitting your own work in more than one course without the permission of the instructor.
- Making up sources or facts.
- Including references to sources that you did not use.
- Obtaining or providing unauthorized assistance on any assignment including:
  - working in groups on assignments that are supposed to be individual work,
  - having someone rewrite or add material to your work while "editing".
- Lending your work to a classmate who submits it as his/her own without your permission.

*On tests and exams:*

- Using or possessing any unauthorized aid, including a cell phone.
- Looking at someone else's answers
- Letting someone else look at your answers.
- Misrepresenting your identity.
- Submitting an altered test for re-grading.

*Misrepresentation:*

- Falsifying or altering any documentation required by the University, including doctor's notes.
- Falsifying institutional documents or grades.

The University of Toronto treats cases of academic misconduct very seriously. All suspected cases of academic dishonesty will be investigated following the procedures outlined in the Code. The consequences for academic misconduct can be severe, including a failure in the course and a notation on your transcript. If you have any questions about what is or is not permitted in this course, please do not hesitate to contact your instructor. If you have questions about appropriate research and citation methods, seek out additional information from your instructor, or from other available campus resources like the U of T Writing Website (<http://www.writing.utoronto.ca>). If you are experiencing personal challenges that are having an impact on your academic work, please speak to your instructor or seek the advice of the School of Graduate Studies.