

## Faculty of Science

### DEPARTMENT OF BIOLOGY

*Course Revision – Effective September 1, 2022, the following change(s) be made:*

#### **BIOLOGY 4999E**

##### **Honours Research Thesis**

A major laboratory or field project in Biology that emphasizes experimental design, instrumentation, collection and analysis of data and communication of experimental results by oral and written presentations.

Antirequisite(s): Biology 4970F/G.

Prerequisite(s): Registration in year 4 of an Honours Specialization module offered through the Department of Biology, **and completion of the 2000-level Biology core courses (Biology 2244A/B or Statistical Sciences 2244A/B, Biology 2290F/G, Biology 2382A/B, Biology 2483A/B, Biology 2581A/B, Biology 2601A/B, Chemistry 2213A/B, Biochemistry 2280A/B), as well as 1.5 courses at the 3000-level in Biology.** Students must have arranged a project with a supervisor before completing registration. In the Spring ~~see Biology notice boards~~ **check the Biology website Undergrad page for the course description and the Biology Faculty pages** for research areas of specialization ~~of the faculty~~ and fields available.

##### **Notes:**

- 1. Students in the Honours Specialization in Animal Behaviour need to have completed 2000-level Biology and Psychology core courses (Biology 2244A/B or Statistical Sciences 2244A/B, Biology 2290F/G, Biology 2483A/B, Psychology 2220A/B; Psychology 2801F/G and Psychology 2802F/G, or the former Psychology 2800E; Psychology 2115A/B or Psychology 2210A/B) and 0.5 courses at the 2000/3000-level in Biology, 1.0 courses at the 3000-level in Psychology.**
- 2. Students in the Honours Specialization in Biodiversity and Conservation may substitute Chemistry 2213A/B with Chemistry 2210A/B as one of their 2000-level Biology core courses.**

Extra Information: Minimum 15 laboratory hours per week and during the first term an additional 2 seminar hours per week.

Course Weight: 1.50

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**BIOLOGY 4970F/G**

**Independent Study in Biology**

A project course in a particular field under the direction of a faculty member.

Antirequisite(s): Biology 4999E.