

THOMPSON RIVERS UNIVERSITY
BIOLOGY DIRECTED STUDIES and HONOURS PROGRAM
Application Form

Please complete and return to the B.Sc. Advisor by April 15.
A brief proposal outlining the background, significance and objectives of the proposed project must accompany the application. Guidelines for proposal writing are attached.

Student Name _____ Student No. _____

Summer Phone/ email address _____

Title of Project _____

TRU Supervisor _____

Co-supervisor (& association/position) _____

Signature of TRU Supervisor _____ Date _____

Signature of Co-supervisor _____ Date _____

Signature of Student _____ Date _____

Directed Studies
Biology 448-3

Honours Program
Biology 499-6 Honours Thesis
Biology 498-2 Honours Seminar

Qualifies/Does not qualify _____
(Chair's signature)

Date _____

Thompson Rivers University
Department of Biological Sciences
Honours Thesis and Directed Studies Proposal Guidelines

I. Proposed title

The title of your proposal should be informative and generally should not exceed 15 words.

II. Objectives

State the purpose of your project, including the central question you intend to answer through your research. Then list the specific objectives that will be addressed by each part of your research project.

II. Background and rationale for the project

Summarize existing, published work on the topic you propose to explore (be sure to cite your sources), and briefly explain how your proposed project relates to published research. Summarize any work you have carried out so far.

III. Materials and methods

- Describe your experimental setup: field sites, greenhouse, laboratory, etc., as applicable.
- In general, what methods will you use? Do you need any special equipment?
- Describe your experimental design. What kind of data will you collect? Define your null hypothesis if you have one.
- How will you analyse your data? What statistical analyses you will use for each experiment or set of data.
- Do you require permits for collecting or getting access to your sites?
- Does your project require approval from the TRU Research Ethics - Animal Subjects or Human Subjects committees?

IV. Expected results

What information do you expect to gain by doing this project and what information do you think will be new to science?

V. Timeline

When will you start your experiments, and when will data collection be completed? Over what period of time will you be analysing your data? When will you begin and complete writing your thesis? Do you foresee anything that could prevent you from completing your project by the deadline?

VI. Expenses

The Department of Biological Sciences can generally provide up to \$150 in supplies for your project and will pay for the cost of producing your poster and binding 3 copies of your thesis (Honours students only. Other funding must be provided by the student and/or the supervisor. Please provide a proposed budget including approximate needs for equipment and supplies, transportation, and other expenses and list your sources of funding. (supervisor's grants, CUEF grant, other?)

VII. Literature sources

List the publications you have found that are relevant to your project and that you have cited in your proposal.