

## **IBIO\*6070 and IBIO\*6080** **Advances in Integrative Biology 1 and 2**

This form must be completed and returned to the course coordinator by the end of the first week of classes.

This course provides graduate students with the opportunity to pursue topics in specialized fields of integrative biology under the guidance of graduate faculty. Courses may be offered in any of lecture, reading/seminar, individual project\* or 3<sup>rd</sup>/4<sup>th</sup> undergraduate courses with additional graduate component formats.

Students undertaking **individual projects\*** must be advised by an Integrative Biology faculty member **other than their thesis advisor**. The project itself must **not** comprise any component of the student's thesis. The project advisor and a second reader from the Integrative Biology faculty will independently evaluate the final report for the project.

Students receive credit for IBIO\*6070, or IBIO\*6080; they do not receive credit or an audit for the **3000 or 4000 level undergraduate course**. Students are required to fulfill ALL of the requirements for the undergraduate course AND they must do the additional work described below, evaluated by a 2<sup>nd</sup> faculty member (can be the course instructor or somebody else, but not the research advisor). The student's final mark in IBIO\*6070, or IBIO\*6080 is based on both the mark obtained in the undergraduate course AND the additional work. The additional work component should generally not exceed 25% of the final mark. Students must obtain permission from the instructor of the (3000 or 4000 level) undergraduate course to participate in it for graduate-level credit. Permission must be obtained before the first lecture. If the instructor approves, then the conditions for that approval must be indicated below (e.g., attendance at lectures, seminars, laboratories, tutorials; submission of term work; writing quizzes, midterm examinations and final examination). The student is expected to write any final examination (if part of the course).

Unless specifically agreed to by the instructor/advisor (and 2nd reader for individual projects or additional component) and the course coordinator, all materials for grading are due on the last day of classes in the term in which registration occurs. This ensures that sufficient time is available for grading and grade submission. Final grades are submitted to the course coordinator. It is up to the student to inform and coordinate with the course instructor and the faculty grader about the timelines for when materials are due and grading needs to be completed, otherwise an 'Incomplete' may be submitted for the student.

Semester: \_\_\_\_\_

Student name: \_\_\_\_\_ Student ID: \_\_\_\_\_

Student signature: \_\_\_\_\_ email: \_\_\_\_\_

Course advisor name: \_\_\_\_\_ Signature: \_\_\_\_\_

2nd faculty reader name: \_\_\_\_\_ Signature: \_\_\_\_\_

IBIO\*6070/6080 Coordinator signature: \_\_\_\_\_

**BASIS OF EVALUATION**

<b>Lecture or Reading/Seminar Format (include course outline undergrad course)</b>		
Topic description/Course title:		
Component (discussion, lecture, paper, meetings and schedule...)	Value %	Comments (expectations for readings, discussion, book chapters, papers...)
Additional component	Value %	
<b>Individual Project Format*</b>		
Project Title:		
Component	Value %	Comments
Proposal		
Final paper - Advisor		
Final paper - 2nd reader		
Lab / Field work		
Animal care approval for projects involving live vertebrates:      Yes      No		

**\*Attach a one page typewritten summary of the project proposal. The proposal should attempt to address each of the following:**

- What is the project attempting to address? (What is the research question?)
- What is the relevant background?
- Why does the research matter?
- What is anticipated to be found?
- How will the work be done?
- Where will the work be done?
- What is the timeline for project completion?