



# UNDERGRADUATE RESEARCH INTEGRATIVE BIOLOGY

Research courses in Integrative Biology give undergraduate students opportunities to not only **work with a faculty member in their research lab**, but also potentially **conduct their own research, graduate with distinction**, and even potentially **get published!** Research helps students gain transferable skills and elevates professional school applications.

## IB 290

### INTRODUCTION TO RESEARCH 2hrs FOR LETTER GRADE ONLY

An introduction to the practice of scientific research through hands-on experience and direct faculty interaction. Students are also assigned to a faculty advisor and work three hours a week on a laboratory and/or field research project.



## IB 390

### UNDERGRADUATE RESEARCH EXPERIENCE 1-5hrs FOR S/U GRADING ONLY

Laboratory and/or field research and/or reading supervised by faculty members in the School of Integrative Biology.

### HOW TO GET STARTED!

1. Develop a resume or curriculum vitae (CV)
2. Look at the list of SIB faculty & their research interests
3. Identify several possible labs in which you would be interested in working
4. Approach the professor directly (either through office visit or email). Take time to personalize any email message to give the professor a reason for following up on your request.
5. Discuss with the professor what kind of work is expected and the time commitment.

## IB 490

### INDEPENDENT STUDY 1-5hrs

FOR LETTER GRADE ONLY

Laboratory and/or field research supervised by faculty members in the School of Integrative Biology. A written report is required, but report and grade can be deferred until research project is completed if it spans multiple semesters. This course will provide an advanced self-directed individual research experience under the supervision of a faculty mentor in SIB.



### OTHER CONSIDERATIONS

- Students intending to apply to graduate with distinction must be registered in IB 490 prior to or during the semester in which the student writes a written report to receive a letter grade.
- No more than a combined maximum of 10 hours of IB 390 or IB 490 may count toward graduation for IB majors.
- IB 390/490 hours will not be counted as advanced hours in the major.
- Funding for research may be available refer to Undergraduate research or the SIB website for more information

### RESEARCH WITH NON-IB FACULTY | [GO.ILLINOIS.EDU/NON\\_SIB490](https://go.illinois.edu/non_sib490)

IB majors who wish to obtain IB 390/IB 490 credit for work done during the academic year with advisors outside of SIB must do the following to get approval by the SIB Associate Director for Academic Affairs.

- Student & the outside research advisor develop a research proposal
- Student writes a 2- or 3-page statement that describes the nature of the project & general methods used
- Student & the advisor signs the proposal to indicate his/her approval
- Research proposal is then emailed to the Associate Director for approval.

*The Associate Director will read the final report prepared by the student and, based upon the report and a written critical evaluation from the outside advisor, will assign the IB 390/IB 490 grade for the project.*