

**DUS ONLY**

Date Received:

Approved/Disapproved

Signature:

**BIO 395 Independent Work in Biology (1-3 Hours)****Research Contract (to be used effective fall 2015)**

In order to receive credit for BIO395, students and their research mentors must complete a contract. *If a contract is not completed each semester by the add/drop date YOU WILL NOT BE ABLE TO REGISTER FOR THIS CLASS.* If the contract is NOT approved, we will contact you and/or your research mentor. Disapproved projects are often more appropriate for EXP 396 (Experiential Education; 257-3632). **Return completed contract to Dr. Osterhage in 101 THM.**

**Academic session in which the research will take place:**(Circle one) Fall    Spring    4-week    8-week    **YEAR:** \_\_\_\_\_**Credit Hours (choose 1, 2, or 3):** \_\_\_\_\_

Research mentors may be any research-active life sciences faculty member at the University of Kentucky. A campus-wide list of faculty willing to mentor undergraduates can be obtained in the Biology Department office. This list is not exclusive; many others can serve as mentors. Junior and senior Biology majors are the primary intended BIO395 participants. Participants should be above average students making substantial progress towards a degree. Please enter grades in those courses that you have completed:

BIO150 \_\_\_\_\_, 151 \_\_\_\_\_, 152 \_\_\_\_\_, 153 \_\_\_\_\_ or BIO 148 \_\_\_\_\_, BIO 152 \_\_\_\_\_, BIO 155 \_\_\_\_\_

BIO304 (Genetics) \_\_\_\_\_    BIO 303 (Evolution) \_\_\_\_\_    BIO315 (Cell Biology) \_\_\_\_\_

BIO325 (Ecology) \_\_\_\_\_    BIO350 (Animal Physiology) \_\_\_\_\_    Current GPA \_\_\_\_\_

*Research mentors agree to provide lab space, resources (eg. chemicals), and guidance. Guidance includes safety training as well as training in scientific method, technique, and presentation. Mentors will be asked to grade the student's independent work.*

**Please provide the following information:**

Your Name	Student ID	UK Email	Telephone
Mentor Name	Department	UK Email	Telephone

Your signature: \_\_\_\_\_

Mentor's signature: \_\_\_\_\_

**This section to be filled in by the Mentor.** Please indicate what activities (and their weighting) will be used in the determination of the student's grade in the course. (ex. Attendance 25%, oral reports 25%, final paper 50%, etc). The contract will not be approved if this information is missing/incomplete.

A= 90-100; B= 80-89; C=70-79; D=60-69; F= 59 and below

**Please attach to this form a description of the proposed research work:** You must follow the indicated 3-point format. If your project is a continuation from a previous semester of BIO 395 you should provide a short description of the results of the previous semester's work and indicate that it is a continuation. **Complete this section in consultation with your mentor.**

1. State your hypothesis or driving principle.
2. Briefly describe the sorts of experiments you intend to perform, including brief technical details.
3. What might the results of these experiments be and how could these results support or refute your hypothesis?

### **HONORS IN BIOLOGY**

#### **For students who entered the University of Kentucky PRIOR TO Fall 2012:**

Biology majors are eligible for Departmental Honors if they:

- 1) Complete 6 hours of BIO 395,
- 2) Have an overall 3.5 GPA on graduation
- 3) A public presentation of one's research results. Such a presentation can be a journal article, a seminar given to a diverse group, a talk or a poster at a professional meeting, a thesis or some form of public presentation approved by the Director of Undergraduate Studies.

#### **For students who entered the University of Kentucky Fall 2012 or later:**

Biology majors are eligible for Departmental Honors if they:

- 1) Complete 6 hours of BIO 395,
- 2) Have an overall 3.5 GPA on graduation
- 3) Successfully complete two biology honors (BIO ---H) courses or two honors-selected 500 or 600 level Biology (BIO) courses, or a combination of BIO ---H and honors-selected 500/600 BIO courses. Each semester the honors-selected 500/600-level BIO courses will be identified by a course note in the course schedule. This note will state "fulfills Honors in Biology course requirement".
- 4) A public presentation of one's research results. Such a presentation can be a journal article, a seminar given to a diverse group, a talk or a poster at a professional meeting, a thesis or some form of public presentation approved by the Director of Undergraduate Studies.

For additional information contact the Biology Director of Undergraduate Studies, Dr. Jennifer Osterhage, [jennifer.osterhage@uky.edu](mailto:jennifer.osterhage@uky.edu), 257-9322 or Jacqueline Lee, [j.lee@uky.edu](mailto:j.lee@uky.edu), 218-4875.

*We will contact you ONLY if we have questions regarding your research.*