BIOLOGICAL SCIENCES PROJECT PROPOSAL FORM

For enrollment in Independent Study Courses

(BIOL 1950/1960, BIOL 0960 or Independent Study via a non-BioMed Department's course number).

1 Policies & Expectations 2 Student & Sponsor Information 3 Title, Project Proposal, etc. 4 Evaluation

SECTION I - POLICIES & EXPECTATIONS

1) Students should expect to devote 10-20 hours per week on the project. It is expected that the work for this course will occupy the full semester (13 weeks).

2) Faculty sponsors should be available for regularly scheduled meetings with the student to guide the project, review progress and offer feedback.

3) Students are expected to be intellectually ready to participate in the research project, with expectations appropriate for their level of experience.

4) Projects intended for Honors are expected to incur at least TWO (2) FULL semesters and a summer or more of activity that has the intellectual content, originality and depth expected of original research or a scholarly synthesis. If considering applying for Honors in your research, the application process is separate from the Independent Study registration process. For more information please see website: https://www.brown.edu/academics/biology/undergraduate-education/honors-biological-sciences

5) IRB: Projects that involve work with human subjects may require IRB (Institutional Review Board) review before they can be undertaken. The IRB process should be addressed with the research project sponsor, and set in motion in time to allow the full project to be undertaken following IRB approval. It must be determined whether hospital vs. Brown campus IRB is appropriate, in each instance.

6) Students intending to complete their project for concentration credit must meet with their concentration advisor to seek approval that the project proposal supplements and compliments the students concentration plans. An outline of Project Scope and Content will be submitted in this online form.

7) Conflicts that arise should be referred for mediation to the Associate Dean of Biology (Undergraduate Education).

I have discussed these policies and expectations with my faculty sponsor and/or concentration advisor (if applicable). I indicate acknowledgment and acceptance of the stated terms.

- [ ] Yes
- [ ] No, I will exit this online form. I understand that I will need to complete the proposal form when I have met with my sponsor and/or advisor.

You must meet with your faculty sponsor and/or concentration advisor to discuss these terms and the criteria agreed upon to evaluate this Independent Study project. Please note that although you have submitted your proposal here it is considered INCOMPLETE until you have done so.

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SECTION II - STUDENT & SPONSOR INFORMATION

Semester & Academic Year of Proposed Project via BIOL 1950/1960:

Sem I, Fall 16-17, BIOL 1950

Semester & Academic Year of Proposed Project via another Department's Independent Study:

Semester & Academic Year of Proposed Project via BIOL 0960 - Independent Study in Science Writing:

Semester Level:

Freshman - Sem 1

Student Name:

First Last

Student Email:

Banner ID:

Concentration Program:

Degree:

AB

Faculty Sponsor:

First Last

Faculty Sponsor Dept.:

Faculty Sponsor Email:

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SECTION III - TITLE, PROJECT PROPOSAL, RESEARCH DESIGN, PROJECT SCOPE and CONTENT

Project Title:

Proposal Outline: (If this is a continuing project please skip to Section IV)

Maximum Allowed: 500 words. Currently Used: 0 words.

Outline the project you are proposing. Describe the system you will investigate, and explain the question to be answered or analyzed. Include information about planned methodology and analysis. Summarize in 200-300 words.

Complete the following section only if you have met with your concentration advisor and they approve this research project for concentration credit.

This section is to be completed by the student in consulation with the concentration advisor.

PROJECT SCOPE and CONTENT:

Maximum Allowed: 500 words. Currently Used: 0 words.

Outline how the project you are proposing relates to your concentration plan. Describe how your research experience will offer depth in the content areas you are interested in within the concentration.

Attach supporting project proposal documentation (if applicable)

Choose File No file chosen

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SECTION IV - SPONSOR'S EVALUATION

This section is to be completed by the student in consulation with the faculty sponsor.

Criteria for Evaluation (recommended):

- Weekly or biweekly meetings for progress reports.
- Review of student's project notebook and weekly logs of hours spent, and tasks completed.
- Attendance at lab meetings and/or journal clubs.
- Participation in lab meetings, including literature reviews and reports.
- Final paper composed in standard science journal format, including an abstract.

Note: If this project is continuing for another semester, an assessment of progress and plan for continuation should be included.

EVALUATION and GRADING CRITERIA

Please answer the questions below regarding the evaluation criteria discussed and approved in consultation with your faculty sponsor.

This Independent Study Project is:

- [ ] not a continuing project
- [ ] a continuing project from a previous semester

Please complete the applicable evaluation criteria below.

1ST SEMESTER PROJECT EVALUATION - I have met with my faculty sponsor and we have agreed upon the following evaluation and grading criteria:

This project will be evaluated as outlined below:

The following grading alternative has been agreed upon:

- [ ] ABC/NC
- [ ] S/NC

CONTINUING PROJECT EVALUATION - I have met with my faculty sponsor and we have reviewed my progress from the 1st semester of this project; and it has been determined:

- [ ] There is no change from the evaluation and/or grading criteria stated in the 1st semester of this project.
- [ ] Changes based on evaluation and/or grading criteria have been discussed and are outlined below.

Adjust evaluation criteria and/or grading as follows: