**BOT 401 RESEARCH APPROVAL FORM**

**Department of Botany & Plant Pathology**

**Student:**

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**Supervisor:**

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**Brief description of the research:**

**Brief description of the expectations of the student and their role in the research:**

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 Project Period (start and end dates) Which term(s) will you enroll in BOT 401?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Work hours per week Total hours or weeks of work

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Type of report to be handed in (See back page for details)

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 Number of credits you wish to take (**by term if more than one**) **\***

 **\* Each credit must represent 30 hours of work (i.e. 3 hours a week for a 10 week term)**

**Approval Required(Return form to Cordley 2503 or** **kimberly.callahan@oregonstate.edu** **):**

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Approved BPP Representative Date BPP Override issued

**BOT 401 RESEARCH INSTRUCTIONS**

**Department of Botany & Plant Pathology**

Credit can be awarded to students involved in academically-relevant research with OSU faculty.Research credit is not required. Students who elect to seek credit incur regular tuition costs, and students are assigned credit based on the number of hours involved with a project. As with other courses, one hour of credit represents 30 hours of focused academic work (three hours a week for 10 weeks). Credit is not awarded retroactively for work completed in a previous term. Research credit is graded on an A-F basis and is designed to achieve the following outcomes:

* Exploration of academic areas and careers in the plant sciences.
* Development of new skills and methods and/or application of skills and methods learned in courses.
* Development of appropriate habits of scientific inquiry and investigation.

**To register and receive credit for research, students must complete steps 1-5:**

1. **Identify a research project and mentor:** Students must identify opportunities and mentors that are appropriate to their interests, knowledge, skills, educational objectives, and schedule. Though students will frequently work closely with members of a mentor’s laboratory (graduate students, technicians, post docs), research mentors (who sign this form) must be OSU faculty or courtesy faculty. Students working with other scientist or organizations should look at the BOT 410 Internship credit information.
2. **Obtain Approval:** Prior to registering, students must complete this form in collaboration with their research mentor (who will sign it), then submit this form for issuance of an override before registering. Once the authorization is submitted, you will be contacted by E-mail to register.
3. **Register:** After receiving notification, register for the class and number of credits approved.
4. **Choose an assignment:** A written assignment is required and includes FOUR:
	1. One paragraph explaining your research to an English major including question, hypothesis and outcome **and**
	2. One paragraph explaining how the research drew on your abilities and skills learned in college or developed new abilities and skills **and**
	3. One paragraph explaining what you learned about the area of plant science studied and how the research influenced your career goals **and**
	4. Select one option below for the last section of the report:
		1. A laboratory notebook including hours worked and a detailed log of tasks performed (remains in the lab, but should be available for review).
		2. A scientific report, paper, oral presentation, or poster produced as a result of the research.
		3. A paper (five to ten double-spaced, typed pages) describing the project and accomplishments.
5. **Due:** **Friday of dead week (10th week) the term you are registered for BOT 401 (unless you are in summer term; then it is due by the end of the summer term for which you are registered). If you are graduating at the end of the term, the report must be submitted by the Friday of the 8th week.**
6. **Evaluation:** The research supervisor must submit a final evaluation of the student’s work to BPP Department Lead Advisor (sushma.naithani@oregonstate.edu). The evaluation should briefly summarize the tasks performed and the performance of the student. This report will determine the course grade assuming that all parts of the written report above are completed.

**Submit form and reports to Cordley 2503 (Botany & Plant Pathology Department Office) or** **kimberly.callahan@oregonstate.edu**