**PSL 499: Physiology Senior Research Thesis**

* **A senior thesis is conducted over 2 semesters, with 2 credits per semester. The grade for the first semester is contingent upon completion of the second semester and the written thesis.**
* **Students will conduct in-depth, independent, mentored research related to physiology and will write a thesis based on their research.**
* **Two professors will assess the thesis: the student’s research mentor and an additional faculty. *At least one of these faculty must be from the Physiology Department. Students must receive faculty approval to enroll via completing this form.***
* **The thesis should be 15-20 pages long, should include a significant survey of the field (2 page minimum) with references to original literature in physiology and related fields. The student is required to present research at the UURAF, MidSURE or another local, regional or national meeting as approved by the two faculty members.**
* **The student will submit their thesis to the two faculty members for review at least two weeks before finals week. Based on the comments from faculty, the student will revise the thesis for a final submission, due on the first day of finals week by 5PM.**
* **A final copy of thesis must be provided to the Physiology Department Office prior to submission of grade (Pass/No Pass to the Registrar’s Office.**

**General Overview and Guidelines**

**REQUIRED: ATTACH A DETAILED DESCRIPTION OF THE RESEARCH PROJECT**

**(e.g. an Aims Page or Abstract.)**

1st Semester/Year: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2nd Semester/Year: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student PID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of Credits for 1st Semester: \_\_\_\_\_\_\_\_ Number of Credits for 2nd Semester \_\_\_\_\_\_\_\_\_

Date research is to be presented: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Event at which research will be presented: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Deadline to provide rough draft to faculty: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(this must be no later than 2 weeks before finals week)**

Deadline to provide final draft to faculty: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(this must be no later than the first day of finals week, by 5PM)**

**Signatures for Approval of PSL 499 Enrollment**

Student Name (print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mentor Name (print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mentor Department: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mentor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Second Professor Name (print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Second Professor Department: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Second Professor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Physiology Undergraduate Advisor Approval:**

Advisor Name (print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Physiology Undergraduate Director Approval:**

Director Name (print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Director Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_