

# BMB 499 – Senior Thesis

- ❖ A senior thesis is a capstone experience typically conducted over 2 semesters of 2 to 3 credits per semester. Students will conduct significant laboratory research and write a thesis based on their research.
- ❖ The thesis will be assessed by the off-site research mentor and a BMB faculty member (2<sup>nd</sup> reader)
- ❖ The thesis should be 15-20 pages long and shall include a significant survey of the field (2 page minimum) with references to original literature in biochemistry, molecular biology, and related fields. The student is required to present research at the UURAF, or similar approved event.
- ❖ Student will submit thesis to **BOTH** the off-site mentor and the BMB professor for review and based on their comments will revise for a final submission. (The off-site mentor will determine the final grade and submit that grade to Mary Villarreal ([villar30@msu.edu](mailto:villar30@msu.edu)) to be posted on their behalf)

**IMPORTANT: PLEASE INCLUDE A DETAILED DESCRIPTION OF THE RESEARCH PROJECT WITH THIS FORM.**

Name of Company/Organization/School for Off-Site Research:

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Thesis Title: \_\_\_\_\_

Student Name: \_\_\_\_\_ Student PID #: \_\_\_\_\_

First semester of enrollment/year: \_\_\_\_\_ Number of credits: \_\_\_\_\_ Honors Section(Y or N): \_\_\_\_\_

Second semester of enrollment/year: \_\_\_\_\_ Number of credits: \_\_\_\_\_ Honors Section(Y or N): \_\_\_\_\_

Name and Date of Event where thesis research will be presented: \_\_\_\_\_

Deadline to have rough draft to readers: \_\_\_\_\_ **(no later than 2 weeks before finals week)**

Deadline to have final draft completed: \_\_\_\_\_ **(finals week)**

*(NOTE: An electronic version of the final draft must be emailed to Mary Villarreal ([villar30@msu.edu](mailto:villar30@msu.edu)) no later than the Friday of the week of finals)*

*Special Instructions/Notes (ie. enrolling for credits in fall but extending thru spring to present research, doing summer research but not enrolling in actual credits until fall or spring, etc....please be specific):*

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## Signatures

Student (sign and print): \_\_\_\_\_ Date: \_\_\_\_\_

Off-Site Mentor (PI) (signature): \_\_\_\_\_ Email: \_\_\_\_\_

Off-Site Mentor (PI) (print name): \_\_\_\_\_ Date: \_\_\_\_\_

Second Reader (BMB Faculty) (signature): \_\_\_\_\_ Date: \_\_\_\_\_

Second Reader (print name): \_\_\_\_\_ Email: \_\_\_\_\_

Dr. Neil Bowlby (email to [bowlby@msu.edu](mailto:bowlby@msu.edu) - final approval): \_\_\_\_\_

**NOTE:** Please email the completed form to Mary Villarreal ([villar30@msu.edu](mailto:villar30@msu.edu)) to get enrolled into the course.