

# 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 (after consultation with the second reader), will submit a final grade to Mary Villarreal (villar30@msu.edu) to be posted on their behalf)

**IMPORTANT: PLEASE ATTACH A 1-2 PAGE DESCRIPTION OF THE RESEARCH PROJECT, TO THIS FORM, AS A COMBINED PDF.**

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) 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: \_\_\_\_\_

Final Approval: Email to Dr. Susanne Hoffmann-Benning (hoffma16@msu.edu) **OR**

Dr. Charles Hoogstraten (hoogstr3@msu.edu): \_\_\_\_\_

**The approved form will be forwarded to Mary Villarreal for enrollment processing**