BMB Capstone Information

In some cases, BMB majors may substitute work they are doing as Honors Research/Independent Study at the 300-level or above in place of the Biochem 426 Capstone course in their *senior* year.

If interested, please read these Guidelines:

- Applies to BMB majors who have plans for a rigorous Honors Thesis/Independent Study Capstone project in their senior year.
- Projects cannot be fully approved until the proposal is written for the Senior year project.
- Project must be BMB-related, specifically: must involve elucidation of molecular or cellular mechanisms of life processes. Project must include "wet lab" laboratory experimentation, and cannot be exclusively computational or theoretical.
- Project must be Capstone-like in its approach, and the research program must include 1) an original research project, 2) an oral presentation of the work, and 3) a final research manuscript that includes a literature review and includes drafts reviewed under guidance by the student's research advisor and a committee member.
- Projects approved by the BMB HPD for Biochem 499Y/T (Departmental Honors) will generally satisfy these requirements. For other [Dept]499Y/T, students can submit their approved Honors Thesis Proposal to BMB Chief Undergraduate Advisor for consideration for BMB approval as substitution for Biochem 426.
- When approved, 4 CR of the student's Biochem 499T (or equivalent) will be applied toward the Biochem 426 requirement.
- Students using 4CR of Thesis/Independent Study credit toward their Biochem 426 requirement may NOT also use these credits toward their Advanced Elective requirement in the BMB major.

Students interested in applying for this substitution must first consult with their research advisor to make sure that their research plans would meet these criteria, and then talk to the BMB Chief Undergraduate Advisor or to the BMB Honors Program Director (for Biochem 499Y/499T specifically) about how to apply for this substitution.