

Graduate Courses and Milestones for BMB Graduate Students by Year (revised Dec 2020):

The publication of scholarly work is the capstone achievement of a Ph.D. dissertation. As a measure of the significance of your research, BMB Ph.D. students are expected to publish a minimum of one peer-reviewed research manuscript or patent application as first- or co-first author.

YEAR 1

Learn the background and significance of your project. Identify the knowledge gap you will address. Draft a research plan. Begin forming Advisory Committee if possible.

Fall: ILS Directed. Choose BMB Major Professor at the end the semester.

Spring: BCMB8113/8114 (half semester courses) (4); BCMB8060 (2); BCMB 8070 (1); BCMB8080 (1); Elective(s); BCMB9000 (to 18 hours total).

Summer: BCMB8070 (1); BCMB 8080 (1); BCMB9000 (13). Form Advisory Committee.

YEAR 2

Serve as a Grader for BMB. Hold first committee meeting to discuss the knowledge gap you are addressing and your research plan. Convert your research plan into a proposal for your qualifying exams. Begin thinking about your project in terms of eventual publications. Complete Qualifying Exam by end of Year 2 (you must schedule your exam with Angie Stockton at least three weeks in advance).

Fall: BCMB8213/8214 (half semester courses) (4) BCMB8060 (2); BCMB8070 (1); BCMB8080 (1); Elective(s); BCMB9000 (to 18 hours total).

Spring: BCMB8990 (grant writing; may be waived by GAC if student attempts qualifying exam before March of Spring Semester) (2); BCMB8060 (2); BCMB8070 (1); BCMB8080 (1); Elective(s); BCMB9000 (to 18 hours total). Complete Qualifying Exam.

Summer: BCMB8070 (1); BCMB8080 (1); BCMB9000 (13). Address any Qualifying Exam requirements and obtain candidacy (consult with Angie Stockton ≥ 3 weeks in advance).

YEAR 3

Complete your first annual advisory committee meeting and assessment. Your committee can help you identify and resolve any remaining roadblocks to publishing your work. Go to scientific meetings to present your pre- or post-publication findings.

Fall: BCMB8060 (2); BCMB8070 (1); BCMB8080 (1); Elective(s); BCMB9000 (to 18 hours total). Present research progress in 8060 and hold Advisory Committee meeting (Fall or Spring). Must advance to Candidacy this semester at the latest.

Spring: BCMB8060 (2); BCMB8070 (1); BCMB8080 (1); Elective(s); BCMB9000 (to 18 hours total). Hold Advisory Committee meeting if not done in Fall.

Summer: BCMB8070 (1); BCMB8080 (1); BCMB9000 (13). Hold Advisory Committee meeting if not done in Fall or Spring.

YEAR 4

Complete your annual advisory committee meeting and assessment. With your committee's help, re-evaluate your publishing plan and make adjustments as necessary. Go to scientific meetings.

Fall: BCMB8060 (2); BCMB8070 (1); BCMB8080 (1); Elective(s); BCMB9000 (to 18 hours total). Hold Advisory Committee meeting (Fall or Spring).

Spring: BCMB8060 (2); BCMB8070 (1); BCMB8080 (1); Elective(s); BCMB9000 (to 18 hours total). Present research progress in 8060 and hold annual Advisory committee meeting if not done in Fall.

Summer: BCMB8070 (1); BCMB8080 (1); BCMB9000 (13). Hold annual Advisory Committee meeting if not done in Fall or Spring

YEAR 5 AND BEYOND

Complete your annual advisory committee meeting and assessment. Continue making progress towards publications. Go to scientific meetings.

Fall/Spring: BCMB8060 (2); BCMB8070 (1); BCMB8080 (1); Elective(s); BCMB9000 (to 18 hours total).

Hold yearly Advisory Committee meeting. Sign up for BCMB9300 (3) in semester of anticipated graduation.

Summer: BCMB8070 (1); BCMB8080 (1); BCMB9000 (13). Hold annual Advisory Committee meeting if not done in Fall or Spring. Sign up for BCMB9300 (3) in semester of anticipated graduation.