

CMB GRADUATE PROGRAM
SUMMARY OF REQUIREMENTS & YEAR-BY-YEAR SYNOPSIS

Program Requirements

- BMB 801: Molecular Biology (3cr; Fall)
- BMB/MMG/PSL 825: Cell Structure & Function (3cr; Spring)
- Choice of one of the following:
 - MMG 833: Microbial Genetics (3cr; Fall)
 - PLB 856: Plant Molecular & Omic Biology (3cr; Fall)
 - MMG835: Eukaryotic Molecular Genetic (3cr; Spring)
- 3 Elective 3-credit 800 level courses (see [Examples](#))
- 3 CMB 800 Seminar courses, at least two of which must incorporate critical reading, evaluation, and presentation of journal papers. A [list of seminar courses](#) is posted on the CMB website each semester
- 2 semesters of CMB 892: Research Forum. Students are required to present a seminar related to their research at least every two years. The [schedule for CMB 892](#) is posted on the CMB website each semester.
- 1 semester of teaching as a Teaching Assistant or equivalent

<u>Year-by-Year Synopsis: Typical Program</u>			
Year 1	Year 2	Year 3	Year 4+
<p style="text-align: center;"><u>FALL</u></p> <p>BMB 801</p> <p>MMG 833 <i>or PLB 856</i> <i>or Elective</i></p> <p>CITI Modules RCR Workshops</p> <p>Laboratory Rotations</p> <p style="text-align: center;"><u>SPRING</u></p> <p>BMB/MMG/PSL 825</p> <p>MMG 835 <i>or Elective</i></p> <p>CITI Modules RCR Workshops</p> <p>Laboratory Rotations Select research adviser Establish guidance committee</p>	<p style="text-align: center;"><u>FALL</u></p> <p>First guidance committee meeting</p> <p style="text-align: center;"><u>FALL AND/OR SPRING</u></p> <p>Complete required teaching assistantship</p> <p>Begin seminar courses</p> <p>Complete required core & elective courses</p> <p>CMB Research Forum</p> <p>Annual RCR Refresher</p> <p>Conduct dissertation research</p>	<p style="text-align: center;"><u>FALL</u></p> <p>Complete Comprehensive Exam</p> <p style="text-align: center;"><u>FALL AND/OR SPRING</u></p> <p>Continue seminar courses</p> <p>CMB Research Forum</p> <p>Annual RCR Refresher</p> <p>Continue dissertation research</p>	<p style="text-align: center;"><u>FALL AND/OR SPRING</u></p> <p>Continue seminar courses</p> <p>CMB Research Forum</p> <p>Annual RCR Refresher</p> <p>Continue dissertation research</p> <p>Guidance committee meeting</p> <p>Write and defend Thesis</p>