**Year 1**

**Fall - Semester 1**
BMOL 516 Responsible Conduct in Research (1 cr.)
BMOL 598 Graduate Seminar (1 cr.)
BMOL 601 Biomolecules I (4 cr.)
BMOL 605 Current Scientific Literature (1 cr.)
BMOL 615 Research in the Biomolecular Sciences – Lab rotations (1 cr.)
BMOL 693 Dissertation (1-2 cr.)
BIOL 597* Intro to College Teaching (1 cr.) (To be taken by Biology TAs only)
TOTAL Credits = 9-10

**Spring - Semester 2**
BMOL 555* Applied Calculus for Biomolecular Sciences (1 cr.)
BMOL 597* Applied Calculus Recitation Biomolecular Sciences (1 cr.)
BMOL 598 Graduate Seminar (1 cr.)
BMOL 602 Biomolecules II (4 cr.)
BMOL 693 Dissertation (variable)
Electives (1-3 cr.)
TOTAL Credits = 12
*optional course

**Year 2**

**Fall - Semester 3**
BMOL 598 Graduate Seminar (1 cr.)
BMOL 603 Biophysical Instrumentation and Techniques (4 cr.)
BMOL 605 Current Scientific Literature (1 cr.)
BMOL 606 Proposal Writing (2 cr.)
BMOL 693 Dissertation (4 cr.)
TOTAL Credits = 12

**Spring - Semester 4**
BMOL 511 Advanced Cell Biology (3 cr.)
BMOL 598 Graduate Seminar (1 cr.)
BMOL 693 Dissertation (1 cr.)
Electives (1-3 cr.)
PHYS 504 Molecular Biophysics (4 cr.)
TOTAL Credits = 12
Summer
BMOL 687 Doctoral Preliminary Examination (1 cr.)

Year 3
Fall - Semester 5
BMOL 607 Graduate Research Presentation (1 cr.)
BMOL 691 Doctoral Comprehensive Examination (1 cr.)
BMOL 693 Dissertation (10 cr.)
Electives (as needed)
TOTAL Credits = 12

Spring - Semester 6
BMOL 693 Dissertation (12 cr.)
TOTAL Credits = 12

Year 4
Fall - Semester 7
BMOL 693 Dissertation (12 cr.)
TOTAL Credits = 12

Spring - Semester 8
BMOL 693 Dissertation (12 cr.)
TOTAL Credits = 12

Year 5
Fall - Semester 9
BMOL 693 Dissertation (12 cr.)
TOTAL Credits = 12

Spring - Semester 10
BMOL 693 Dissertation (12 cr.)
TOTAL Credits = 12
Year 6

Fall - Semester 11
BMOL 693 Dissertation (12 cr.)
TOTAL Credits = 12

Notes regarding course map
After first semester, you will register for required courses and electives, and sign up for enough BMOL 693 credits so that total course load equals 12 credits.