MOLB-MOLECULAR BIOLOGY (MOLB)

MOLB 448. Special Research Problems
1-3 Credits
Individual investigation, theoretical or experimental, under the supervision of a molecular biology faculty member. May be repeated for a maximum of 6 credits.
Prerequisite: consent of instructor.

MOLB 520. Molecular Cell Biology
3 Credits
Same as BIOL 520.

MOLB 542. Biochemistry I
3 Credits
Same as BCHE 542. B or better required.

MOLB 545. Molecular and Biochemical Genetics
3 Credits
Same as BCHE 545 and BIOL 545.

MOLB 546. Biochemistry II
3 Credits
Same as BCHE 546.

MOLB 550. Topics in Molecular Biology
1-3 Credits
Selected topics of current interest in field of molecular biology for master’s level students.

MOLB 590. Discussions in Molecular Biology
1 Credit
Oral presentations of ongoing research and/or research proposal for the masters thesis. Must be repeated twice for masters and three times for doctoral students. Graded by 2 options: S/U or Letter Grade

MOLB 597. Laboratory Rotations/Research Discussions
1-3 Credits
All entering students are required to take at least one credit, during their first semester, in which they will circulate through at least three different labs working on assigned problems and discussing research programs. May be repeated for a maximum of 4 credits. Graded S/U.

MOLB 598. Special Research Programs
1-3 Credits
Individual investigation, experimental or theoretical, under the supervision of a molecular biology faculty member. Course may be repeated up to a total of 6 credits with committee approval.

MOLB 599. Master’s Thesis
15 Credits
Experimental and scholarly research leading to the preparation of a master’s thesis.

MOLB 600. Molecular Biology Research
1-15 Credits
Laboratory research efforts prior to successful completion of doctoral comprehensive exam.

MOLB 650. Advanced Topics in Molecular Biology
1-3 Credits
Discussions and lectures on topics of current interest in molecular biology for doctoral students.

MOLB 698. Advanced Research Projects
1-9 Credits
Individualized special research assignments for doctoral-level students. Up to 9 credits, with approval of committee. Graded S/U.

MOLB 700. Doctoral Dissertation Research
15 Credits
Research for doctoral students after completing comprehensive exams.