Department of Biology:
Molecular Biology and Biotechnology Track
For advising purposes only

INTRODUCTORY COURSES

☐ BIOL 141 Foundations of Modern Biology I (Cell Biology and Genetics) LECTURE (3 credit hours)
☐ BIOL 141L Foundations of Modern Biology I LAB (2 credit hours)
☐ BIOL 142 Foundations of Modern Biology II (Molecular Biology and Developmental Genetics) LECTURE
☐ BIOL 142L Foundations of Modern Biology II LAB (2 credit hours)

COLUMN COURSES

Column A:
(1 as column A, other 2 strongly recommended as electives)
☐ BIOL 223 Developmental Biology (3 credit hours)
☐ BIOL 250 Cell Biology (3 credit hours)
☐ BIOL 264 Human Genetics (4 credit hours)

Column B:
☐ BIOL 370 Introduction to Microbiology (4 credit hours)

Column C: (choose one AND take the other as an elective)
☐ BIOL 241 Evolutionary Biology (4 credit hours)

BIOLOGY ELECTIVES

☐ BIOL 223 Developmental Biology (3 credit hours)
☐ BIOL 250 Cell Biology (3 credit hours)
☐ BIOL 264 Human Genetics (4 credit hours)
☐ BIOL 301 Introductory Biochemistry (3 credit hours)
☐ BIOL 352 Epigenetics and Human Disease (3 credit hours)
☐ BIOL 351 Immunology and Disease (4 credit hours)
☐ BIOL 385 385/385W Special Topics in Biology (1 to 4 credit hours)
☐ BIOL 415 Cancer Biology and Oncogenes (3 credit hours). Spring
☐ BIOL 460 Building Brains (3 credit hours)
☐ BIOL 465 RNA and Biotechnology (3 credit hours)

CROSS-LISTED ELECTIVES

☐ BIOL 315 Ancient DNA and Human Evolution (3 credit hours)
☐ BIOL 330 Chemistry, Biology, and Molecular Modeling (3 credit hours)
☐ CHEM 343 Chemical Biology (3 credit hours)

LAB COURSES

☐ BIOL 224 Advanced Developmental Biology and Embryology, with Laboratory (3 credit hours)
☐ BIOL 346L Biomolecular Chemistry Lab (2 credit hours).
☐ BIOL 370LW Introduction to Microbiology Laboratory (3 credit hours)
☐ BIOL 499R Undergraduate Research (4 hours each semester)