

# Cell/Molecular Biology Elective Courses

**\*\* Elective courses must be upper division (300 or 400-level) and may only count toward *ONE* category**

ACBS 423: Mechanisms of Disease (S)  
ECOL 465: Phylogenetic Biology (S)  
MCB 302: The Biology of Cancer (F)  
MCB 305: Cell and Developmental Biology (F)  
MCB 315: Key Concepts in Quantitative Biology (F)  
MCB 410: Cell Biology (S)  
MCB 411: Molecular Biology (F, Su)  
MCB 416A: Statistical Bioinformatics and Genomic Analysis (S)  
MCB 473: Recombinant DNA Methods & Applications (F, S)  
MCB 480: Introduction to Systems Biology (F)  
MIC 452: Antibiotics—A Biological Perspective (F)  
NROS 307: Cellular Neurophysiology (S)  
NROS 310: Molecular & Cellular Biology of Neurons (F)  
NROS 412: Learning and Memory (F)  
NROS 430: Neurogenetics (S)  
PLP 427R&L: General Mycology (F)  
PLP 428R&L: Microbial Genetics (S)  
PLS 359: Plant Cell Structure and Function (F)  
PLS 440: Mechanisms in Plant Development (F)  
PLS 448A: Plant Biochemistry and Metabolic Engineering (F)  
PSIO 303A: Integrative Cellular Physiology (F)  
PSIO 303B: Integrative Cellular Physiology (S)  
PSIO 404: Advanced Topics in Cellular Physiology (S)  
PSIO 472: Quantitative Modeling of Biological Systems (F)  
PSIO 484: Cardiovascular Muscle Biology and Disease (S)