CELL AND MOLECULAR BIOLOGY

The Cell and Molecular Biology courses listed will provide students with a focus on cell biology and molecular biology, with links to biomedical applications.

Foundation Courses (these courses should be taken)
BIOL 355: Evolution
BIOL 330: Study Design & Data Analysis (L)
BIOL 360: Cell Biology

Supporting Courses (take as many as possible)
BIOL 309: Developmental Biology (L)
BIOL 361: Molecular Genetics and Genomics
BIOL 362: Techniques in Molecular Biology (L)
BIOL 401A: Biotechnology
BIOL 435 Molecular Evolution

Other Relevant Courses
BIOL 326: Development and Genetics of Model Plants (L) (offered in alternate years)
BIOL 404: Sensory Biology
BIOL 432: Molecular Endocrinology
BIOL 436: Human Molecular Genetics
BIOL 439: Molecular Epidemiology
BIOL 458: Plant Biochemistry and Biochemical Ecology
BIOL 459: Human Microbial Diseases (offered in alternate years)
BIOL 465: Molecular Basis of Cancer
BIOL 467: Neural Development
BIOL 470 Advanced Topics - Intro to Clinical Cancer

Relevant Courses Outside Biology
BIOC 300A: General Biochemistry I
BIOC 300B: General Biochemistry II
BIOC 403: Biochemistry of Signal Transduction

(L) = lab; (T) = tutorial