

Cellular and Molecular Biology Track: 64 units

Supporting Science Courses: 28 units

CHM 005 General Chemistry I (4)

CHM 006 General Chemistry II (4)

CHM 101 Organic Chemistry I (4)

CHM 102 Organic Chemistry II (4)

MA 005 Introduction to Statistics (4)

Additional courses (8)

CS 010 Introduction to Computer Science (4)

OR

additional courses in chemistry, mathematics or physics (with the exceptions of CHM 004, Chemistry, Culture and Society and MA 008, Functions and Models)

Required Biology Courses: 30-33 units

BIO 005 General Biology I (4)

BIO 006 General Biology II (4)

Upper-division Biology Laboratory Courses (20)

BIO 113 Biochemistry (4)

BIO 114 Genetics (4)

BIO 130 Cell Biology (4)

BIO 132 Molecular Biology (4)

One course from the following: (4)

BIO 102 Physiology (4)

BIO 110 Microbiology (4)

BIO 128 Comparative and Environmental Physiology (4)

BIO 131 Evolution (4)

BIO 150 Genomics and Bioinformatics (4) (New Course)

BIO 155 Infectious Disease and Immune Response (4)

BIO 195 Seminar in Biological Research Literature (1) (**Required** of all majors in this track)

One integrative course from the following: (1-4)

BIO 124 Biology, Values, and the Developing World (4)

BIO 196 Bioethics Seminar (1)

BIO 197 Biology and Faith (4)

Additional courses from the following for a total of 64 units: 3-6 units

Upper-division BIO

Upper-division CHM

MA 009 Elementary Calculus I (4)

MA 010 Elementary Calculus II (4)

MA 015 Discrete Mathematics (4)

PSY 125 Behavioral Neuroscience (4)

No more than 4 units to be selected from physical sciences or math

No more than 2 units of Practicum: BIO 190, 191, or 192

No more than 4 units Research: BIO 198