Biology Major: Cell and Molecular Biology Concentration Enter your name. Enter your student ID. Click or tap to enter a date.

Foundation Courses (all courses are required) Course Chosen Semester Taken Grade

 BIOL 200 & 200 L (or BIOL 201 or BIOL 203): Introduction to Cellular Biology and Genetics Choose an item. Enter semester. Grade.

 BIOL 206 & 206 L (or BIOL 202): Introduction to Ecology and Evolution Choose an item. Enter semester. Grade.

 BIOL 204: Educational and Career Planning for the Biologist Choose an item. Enter semester. Grade.

 BIOL 309: Genetics Choose an item. Enter semester. Grade.

Breadth Courses

 Select one of the following two options: Choose an item. Enter semester. Grade.

 BIOL 205: Botany & BIOL 207: Zoology Choose an item. Enter semester. Grade.

 BIOL 208: Biodiversity (if BIOL 208 is selected, put n/a in the second blank)

 Select two of the following three options: Choose an item. Enter semester. Grade.

 BIOL 405: Molecular Ecology, Evolution and Conservation Choose an item. Enter semester. Grade.

 BIOL 408: Cell Biology

 BIOL 409: Molecular Biology

 Select one of the following sets of courses: Choose an item. Enter semester. Grade. BIOL 325: Animal Physiology & a free elective\* Choose an item. Enter semester. Grade.

 BIOL 342 & BIOL 343: Human Anatomy & Physiology for Biol Majors I & II If free elective was chosen, enter name here.

 BIOL 436: Plant Physiology & a free elective\*

\*A free elective = one BIOL elective from the list of electives in any concentration or BIOL 491 or BIOL 499. Please consult with an advisor to select an appropriate course.

Concentration Electives\*\*

 Select one of the following courses: Choose an item. Enter semester. Grade. BIOL 410: Molecular Biology Laboratory

 BIOL 412: Cell Biology Laboratory

 BIOL 418: Genetic Analysis in Medicine

 BIOL 474: Molecular Techniques in Ecology, Evolution and Conservation

 BIOL 475 (or BIOL 312): Genetics Laboratory

 CHEM 356: Biochemistry Lab

 Select two of the following courses (cont. on next page): Choose an item. Enter semester. Grade. BIOL 318: Microbiology Choose an item. Enter semester. Grade.

 BIOL 355: Animal Parasitology

 BIOL 360: Histology

 BIOL 403: Advanced Genetics

 BIOL 411: Cancer Biology­

 BIOL 415: Biotechnology

 BIOL 419: Environmental Microbiology

 BIOL 420: Microbiology of Infectious Disease

 BIOL 421: Immunology

 BIOL 428: Virology

 BIOL 463: Developmental Biology

 CHEM 351: Biochemistry I

 MBBB 301: Intro to Bioinformatics

 MBBB 315: Genomics

\*\* BIOL 389 and BIOL 483 are special topics course numbers. Please consult with your advisor to determine if a particular offering can be applied to your concentration.

Ancillary Courses

 Complete all of the following courses: Choose an item. Enter semester. Grade.

 CHEM 131 & 131L: General Chemistry I Choose an item. Enter semester. Grade.

 CHEM 132 & 132L: General Chemistry II

 Select one of the following options:

 CHEM 330: Essentials of Organic Chemistry (if selected, put n/a in the second blank) Choose an item. Enter semester. Grade.

 CHEM 331 & CHEM 332: Organic Chemistry I and II Choose an item. Enter semester. Grade.

 Select one of the following sets of courses: Choose an item. Enter semester. Grade.

 PHYS 211 & PHYS 212: General Physics I & II; Non Calculus Based Choose an item. Enter semester. Grade.

 PHYS 241 & PHYS 242: General Physics I & II; Calculus Based

 Select one of the following courses: Choose an item. Enter semester. Grade.

 MATH 211: Calculus for Applications

 MATH 237: Elementary Biostatistics

 MATH 273: Calculus I

 PSYC 212: Behavioral Statistics

Anticipated Offerings (subject to change):

 Courses offered Fall and Spring: BIOL 200/L, BIOL 204, BIOL 206/L, BIOL 207, BIOL 208, BIOL 309, BIOL 318, BIOL 325, BIOL 342, BIOL 343, BIOL 405, BIOL 408,

 BIOL 409, BIOL 410, BIOL 412, BIOL 474, CHEM 131/L, CHEM 132/L, CHEM 330, CHEM 331, CHEM 332, CHEM 351, CHEM 356, MATH 211, MATH 237, MATH 273,

 MBBB 301, PHYS 211, PHYS 212, PHYS 241, PHYS 242, PSYC 212

 Fall only courses: BIOL 203, BIOL 355, BIOL 411, BIOL 420, BIOL 421, BIOL 436 (odd years)

 Spring only courses: BIOL 205, BIOL 415, BIOL 418, BIOL 428, BIOL 463, BIOL 475

 Courses offered infrequently: BIOL 360, BIOL 419, MBBB 315