

Biochemistry and Molecular Biology

NUMBER OF COURSES: 18+

NOTES

- One of advanced electives must be chosen from lab research courses (BI308, 555, 522) OR 8 credits Senior Research (BB401/402 OR BB491/492) performed with one advisor
- If BI308, 555, or 522 are chosen, then undergraduate research (BB391, 392, 401, 402, 491, or 492) may serve as one of the other 2 required advanced electives

FOUNDATION REQUIREMENTS (11 COURSES)

- BI108 (BI118) - General Biology II
- BI203 - Cell Biology
- BI208 - Genetics
- CH109, 110 (General and Quantitative Analytical Chemistry) OR CH111, 112 (Intensive General and Quantitative Analytical Chemistry) OR CH101, 102 (General Chemistry) and CH201 (Quantitative Analytical Chemistry Laboratory)
- CH203 (Organic Chemistry) and CH214 OR CH211, 212 (Intensive Organic Chemistry Laboratory with Quantitative Analysis) OR CH203, 206, and CH220
- PY105, 106 (Elementary Physics I,II) OR PY241, 242 (Principles of General Physics I, II) OR PY211, 212 (General Physics I, II)
- MA121, 122 (Calculus for the Life and Social Sciences I, II) OR MA123, 124 (Calculus I, II) OR CS111 (Introduction to Computer Science I) and ONE math course MA121-129 OR MA213 (Basic Statistics and Probability), MA214 (Applied Statistics) and ONE math course MA 121-129

CORE COURSES (4 COURSES)

- BI/CH421, 422 - Biochemistry I, II
- BI552 - Molecular Biology I
- CH525 - Physical Biochemistry

ADVANCED ELECTIVES (3 COURSES FOR 12 CREDITS)

- BB522, BF527, BI308, 311, 315, 385, 410, 445, 447, 481, 544, 553, 555, 556, 557, 572, 575, GRS BI 708, 735, GRS MB722, CH541

*Partially funded by your undergraduate student fee

*All information listed above refers to the 2007-2008 academic year