



B.S. Program in Biochemistry

	FALL	WINTER	SPRING
First Year	CHEM 1101 General Chemistry I (5)* MATH 1304 Calculus I (4) GE	CHEM 1102 General Chemistry II (5) MATH 1305 Calculus II (4) GE	CHEM 1103 General Chemistry III (5) MATH 2304 Calculus III (4) GE
Second Year	CHEM 2200 Quantitative Analysis (5)** CHEM 3301 Organic Chemistry I (5)* PHYS 2701 General Physics I (4) or PHYS 1001 Intro to Physics I (5)	CHEM 3302 Organic Chemistry II (5) PHYS 2702 General Physics II (4) or PHYS 1002 Intro to Physics II (5) CS 1020 Introduction to Computers or CS 1160 Introduction to Computer Science and Programming Methods (4) GE	CHEM 3303 Organic Chemistry III (5) PHYS 2703 General Physics III (4) or PHYS 1003 Intro to Physics III (5) GE
Third Year	CHEM 3511 Physical Chemistry I (3) STAT 3031 Statistical Methods in Biology (4) BIOL 1401 Molecular and Cellular Biology (5) GE	CHEM 3512 Physical Chemistry II (3) BIOL 1402 Plant Biology (5) GE	CHEM 3513 Physical Chemistry III (3) BIOL 1403 Animal Biology (5) GE
Fourth Year	CHEM 4411 General Biochemistry I (4) ME or GE	CHEM 4412 General Biochemistry II (4) CHEM 4430 General Biochemistry Laboratory (4) ME or GE	CHEM 4413 General Biochemistry III (4) CHEM 4431 Advanced Biochemistry Laboratory (2) ME or GE

GE – General Elective

ME – Major Elective

Biochemistry Electives (2 courses, 6-10 units): CHEM 4440 (3), CHEM 4450 (3), CHEM 4460 (3), CHEM 4240 (4), BIOL 3121 (5), BIOL 3425 (5), BIOL 4455 (4)

*Sequence may be taken W, Sp, Su

**Offered during summer quarter