



B.A. 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) CS 1020 Introduction to Computers or CS 1160 Introduction to Computer Science and Programming Methods (4) GE
Second Year	CHEM 3301 Organic Chemistry I (5)* BIOL 1401 Molecular and Cellular Biology (5) GE	CHEM 3302 Organic Chemistry II (5) BIOL 1402 Plant Biology (5) GE	CHEM 3303 Organic Chemistry III (5) BIOL 1403 Animal Biology (5) GE
Third Year	PHYS 2701 Introductory Physics I (4) CHEM 4411 General Biochemistry I (4) GE	PHYS 2702 Intro to Physics II (4) CHEM 4412 General Biochemistry II (4) GE	PHYS 2703 Intro to Physics III (4) CHEM 4413 General Biochemistry III (4) GE
Fourth Year	CHEM 3501 Biophysical Chemistry I (4) ME GE	CHEM 4430 General Biochemistry Laboratory (4) ME or GE	CHEM 4431 Advanced Biochemistry Laboratory (2) ME or GE

GE – General Elective

ME – Major Elective

Major Electives (1-2 courses, 3- 6 units): CHEM 3200 (4), CHEM 4440 (3), CHEM 4450 (3), CHEM 4460 (3), CHEM 4700 (2), BIOL 3121 (5), BIOL 3425 (5), BIOL 4455 (4), CHEM 4810 (2), CHEM 4900 (1-4). (No more than 2 units of CHEM 4810 or CHEM 4900 combined may be applied to the Upper Division Major Electives).