

## Biochemistry Track (11 Chem, 14 Total)

**Fall**

**Spring**

FR	115: Introductory Chemistry I (1)	116: Introductory Chemistry II (1)
SO	225: Organic Chemistry I (1)	226: Organic Chemistry II (1)
JR	321: Physical Chemistry I (1) 362: Inorganic Chemistry (1)  <i>Recommended Semester for Study Abroad</i>	346: Experimental Biochemistry I (1) 351: Biochemistry (1)
SR	341: Instrumental Analysis (1) 347: Experimental Biochemistry II (0.5) 495: Senior Research Projects I (0.5)	431: Advanced Topics in Biochemistry (0.5) 496: Senior Research Projects II (0.5)

**Additional Requirements:**

MATH 151: Accelerated Calculus I (0.5)  
MATH 152: Accelerated Calculus II (0.5)

PHYS 221: Introductory Physics I (1)  
BIOL 130: Cell Biology and Genetics (1)

The two extra courses listed below are necessary to obtain American Chemical Society degree certification. PHYS 222 will count towards the thirty-one credits needed for graduation. CHEM 322 may be taken but will not count towards the thirty-one credits needed for graduation unless a formal petition is filed and approved.

CHEM 322: Physical Chemistry II (1)

PHYS 222: Introductory Physics II (1)

## Chemistry Track (10.5 Chem, 14 Total)

	<b>Fall</b>	<b>Spring</b>
FR	115: Introductory Chemistry I (1)	116: Introductory Chemistry II (1)
SO	225: Organic Chemistry I (1)	226: Organic Chemistry II (1)
JR	321: Physical Chemistry I (1) 362: Inorganic Chemistry (1)  <i>Recommended Semester for Study Abroad</i>	322: Physical Chemistry II (1) 344: Experimental Chemistry I (1)
SR	341: Instrumental Analysis (1) 345: Experimental Chemistry II (0.5) 495: Senior Research Projects I (0.5)	496: Senior Research Projects II (0.5)

### Additional Requirements:

MATH 151: Accelerated Calculus I (0.5)  
 MATH 152: Accelerated Calculus II (0.5)  
 MATH 153: Sequences and Series (0.5)

PHYS 221: Introductory Physics I (1)  
 PHYS 222: Introductory Physics II (1)

The two extra courses listed below are necessary to obtain American Chemical Society degree certification. Note that only 0.5 additional CHEM credits will actually count towards the thirty-one credits needed for graduation unless a formal petition is filed and approved.

CHEM 351: Biochemistry (1)

CHEM 430 or 431: Advanced Topics (0.5)