

**Tentative Info on When Courses of Interest to Biochemistry Majors
Will Be Offered in 2012-13**

Note: Classes shown in *italics* are required for some but not all majors (depending upon which graduation requirements a student is following). See footnotes for further details.

Classes Typically Taken in First or Second Year:

Fall 2012	Spring 2013
Math 160 (Calculus I) ¹	Math 160 (Calculus I) ¹
Math 170 (Calculus II)	Math 170 (Calculus II)
Chem 120 (Chemical Concepts I)	Chem 122 (Chemical Concepts II)
Chem 112 (Principles of Chemistry II)	Chem 110 (Principles of Chemistry I)
Chem 231 (Organic Chem I)	
Bio 220 (Organismal Physiology and Ecology)	Bio 220 (Organismal Physiology and Ecology)
Bio 221 (Genetics, Development, and Evolution)	Bio 221 (Genetics, Development, and Evolution)
Physics 110 (Core Concepts in Physics I) (110-120 series <u>only</u> open to Freshman & Sophomores)	<i>Physics 120 (Core Concepts of Physics II) (110-120 series <u>only</u> open to Freshman & Sophomores)</i> ²
<i>Physics 102 (Fundamentals of Physics II)</i> ²	Physics 101 (Fundamentals of Physics I)
<i>FSBio 201 (Investigative Approaches in Biology)</i> ³	<i>FSBio 201 (Investigative Approaches in Biology)</i> ³
<i>FSChem 201 (Research Methods in Chemistry)</i> ³	

¹If a student is interested in being a Biochemistry Major, and places below Math 160, they are advised to take Math 159; they should not take the Math 157-158 sequence.

²A second semester of Physics is not a requirement for Biochemistry majors who matriculate in Fall 2012 or later.

³Taking either FSBio 201 or FSChem 201 is a requirement only for Biochemistry majors who matriculate in Fall 2012 or later.

Classes Typically Taken in Third or Fourth Year:

Fall 2012	Spring 2013
<i>Physics 102 (Fundamentals of Physics II)</i> ²	Physics 101 (Fundamentals of Physics I)
Bio 305 (Molecular Biology); 2 lab sections	Bio 305 (Molecular Biology); 2 lab sections
Chem 242 (Physical Chemistry)	Chem 242 (Physical Chemistry)
Chem 253 (Intro Biochemistry) – 1 lab section	Chem 253 (Intro Biochemistry) – 2 lab sections
<i>Bio 310 (Microbiology)</i> ⁴	<i>Bio 360 (Plant Physiology)</i> ⁴
<i>Bio 325 (Genetics)</i> ⁴	
<i>Chem 355 (Biochemical Metabolism)</i> ⁴	<i>Chem 464 (Current Topics in Analytical Chem; Sheffield)</i> ⁴
<i>Chem 453 (Current Topics in Biochem; Garcia)</i> ⁴	Chem 581 (Chemistry Junior Seminar)
<i>Chem 464 (Current Topics in Analytical Chem; van Horn)</i> ⁴	Bio 580 [Biology Junior Seminars (Hersh; Humphreys; Kleinschmidt)]
Biochem 600 (First Semester Senior Project)	Biochem 610 (Second Semester Senior Project)

²A second semester of Physics is not a requirement for Biochemistry majors who matriculate in Fall 2012 or later.

⁴Courses suitable to fulfill the upper-level electives requirement for Biochemistry majors who matriculate in Fall 2012 or later.