

**Recommended Science Course Sequence for
Biochemistry Majors**

<p><u>Fall, Semester 1 Credits</u> Chem 10301 (Gen.Ch I) 4 Math 20100 4</p>	<p><u>Spring, Semester 2 Credits</u> Chem 10401 (Gen.Ch II) 4 Math 20200 4 Bio 10100 4</p>	<p><u>Summer 1 Credits</u> (Math 20300 4) or (Bio 10100 4)</p>
<p><u>Fall, Semester 3 Credits</u> Chem 26100 (Org I) 3 Math 20300 4 Bio 10200 4</p>	<p><u>Spring, Semester 4 Credits</u> Chem 26300 (Org. II) 3 Chem 27200 (Org.LabI) 3 Chem 24300 (Q. Anal.) 4</p>	<p><u>Summer 2 Credits</u> (Chem 27200 3) or (Chem 24300 4)</p>
<p><u>Fall, Semester 5 Credits</u> Physics 20700 4 Chem 37400 (Org.LabII) 3 Sci 20000 3</p>	<p><u>Spring, Semester 6 Credits</u> Physics 20800 4 EAS 10600 4 Bio 22900 (MolCellBio) 4 Φ Biochem Research 3</p>	<p><u>Summer 3</u></p>
<p><u>Fall, Semester 7 Credits</u> Chem 33000 (P.Chem.I) 3 Chem 45900 (Bioch.I) 4 Φ Biochem Research 3 Ψ Elective 3-5</p>	<p><u>Spring, Semester 8 Credits</u> Chem 33500 (P.ChemII) 5 Chem 48005 (Bioch.II) 3 Φ Biochem Research 3 Ψ Elective 3-5</p>	

It is recommended that no more than three science courses should be taken per semester. In order to achieve this, students may have to take courses during the summer. The following courses are generally available in the summer: Chem 10301, 10401, 24300, 26100, 26300, 27200, 37400; Math 20100, 20200, 20300; Physics 20700, 20800; Biology 10100, 10200. It is essential that Math and Physics courses be taken as early as possible in order to complete the Physical Chemistry sequence within the scheduled time.

- Φ Highly recommended
- Ψ Recommended

Requirements to Declare Biochemistry Major

Required: Chem 10301 & 10401 (or 10300, 10400 and 10800), Chem 26100, Math 20100 & 20200 (or 20500 & 20900*), Bio 10100 & 10200

Recommended: Chem 26300, Math 20300, Phys 20700 (or Phys 20300,20400*)

*Upon consultation with a Chemistry Department advisor

Overall GPA of at least 2.0 with at least a GPA of 2.0 in the above courses. No course beyond General Chemistry (10301,10401 or 10300, 10400, 10800) may be taken unless a C or better is obtained in all prerequisite courses (or permission of the Department is granted).