

## Biology B.S. Major Suggested Semester Schedules

These guidelines can be used to help you plan eight semesters of enrollment as a Biology B.S. major. Depending on your math and chemistry placement levels upon enrollment, your specific path to major completion may differ from the examples below. The Upper Division Biology courses you take within the Biology major (listed as UD BIO Lecture Course or UD Lab course in this schedule) will change based on the Specialization you choose. It is important to discuss your specialization with a Biology major advisor in your junior year. The list of specializations can be found in the Undergraduate Bulletin. [Please refer to the Undergraduate Bulletin for official policies, full course options and pre-requisites, and requirements in detail.](#)

### Student Example 1

Fall Semester	Spring Semester
<b>Freshmen Year</b>	
CHE 131 or CHE 129 + CHE 130 CHE 133 MAT 125 or MAT 131 <sup>2 &amp; 3</sup> 8-10 credits	CHE 132 CHE 134 MAT 126 or MAT 132 BIO 201 or BIO 202 11-12 credits
<b>Sophomore Year</b>	
CHE 321 BIO 204 + BIO 458 SPK BIO 203 9 credits	CHE 322 CHE 327 BIO 205 or BIO 207 BIO 201 or BIO 202 11 credits
<b>Junior Year</b>	
PHY 121 <sup>1</sup> UD BIO Lecture Course AMS 110 or BIO 211 10-11 credits	PHY 122 UD BIO Lecture Course UD BIO Lecture Course 10 credits
<b>Senior Year</b>	
UD BIO Lecture Course UD BIO Lab Course + BIO 459 WRTD 5-6 credits	UD BIO Lecture Course UD BIO Lab Course 5-6 credits

### Student Example 2

Fall Semester	Spring Semester
<b>Freshmen Year</b>	
CHE 152 CHE 154 MAT 125 or MAT 131 9-10 credits	CHE 331 CHE 383 MAT 126 or MAT 132 BIO 201 12-13 credits
<b>Sophomore Year</b>	
CHE 332 BIO 204 + BIO 458 SPK BIO 202 or BIO 203 9 credits	PHY 131 + PHY 133 BIO 202 or BIO 203 BIO 205 or 207 9 credits
<b>Junior Year</b>	
PHY 132 + PHY 134 UD BIO Lecture Course AMS 110 or BIO 211 10-11 credits	UD BIO Lecture Course UD BIO Lecture Course 6 credits
<b>Senior Year</b>	
UD BIO Lecture Course UD BIO Lab Course + BIO 459 WRTD 5-6 credits	UD BIO Lecture Course UD BIO Lab Course 5-6 credits

### Student Example 3

Fall Semester	Spring Semester
<b>Freshmen Year</b>	
MAP 103 3 remedial credits	MAT 123 (QPS) BIO 201 (SNW) 6 credits
<b>Sophomore Year</b>	
CHE 131 CHE 133 MAT 125 BIO 211 12 credits	CHE 132 CHE 134 MAT 126 BIO 202 or BIO 203 12 credits
<b>Junior Year</b>	
CHE 321 BIO 204 + BIO 458 (SPK) UD BIO Lecture Course BIO 202 or BIO 203 12 credits	CHE 322 CHE 327 BIO 205 or BIO 207 UD BIO Lecture Course 11 credits
<b>Senior Year</b>	
PHY 121 UD BIO Lecture Course UD BIO Lecture Course <sup>4</sup> UD BIO Lab Course + BIO 459 (WRTD) 13 credits	PHY 122 UD BIO Lecture Course UD BIO Lab Course 11 credits

### Notes

1. The Physics for Life Sciences sequence is listed here, but Classical Physics with lab is also accepted. Note the Classical Physics A, B, C sequence requires 3 semesters of physics lecture.
2. The specialization in Quantitative Biology and Bioinformatics requires the Calculus I and II sequence in either AMS or MAT. Alternatively, students can take the MAT Calculus A, B, C sequence which requires three semesters of lecture.
3. The specialization in Bioengineering requires the Calculus I and II sequence in either AMS or MAT. Alternatively, students can take the MAT Calculus A, B, C sequence which requires three semesters or lecture. This specialization also requires that students complete either of the Classical Physics sequences and be accepted to the Bio-Engineering minor.
4. It would be strongly recommended that this UD BIO Lecture Course be taken in a summer session to create a more balanced course load in the senior year.

## Biology B.A. Major Suggested Semester Schedules

These guidelines can be used to help you plan eight semesters of enrollment as a Biology B.A. major. Depending on your math and chemistry placement levels upon enrollment, your specific path to major completion may differ from the examples below. The Biology B.A. program involves fewer advanced courses in biology, but instead requires completion of a non-overlapping approved minor. The minor must have no more than a 3 credit overlap with the life science requirements for the Biology B.A. The Biology B.A. requires at least one of the following “UD BIO Lecture Courses”: BIO 320, BIO 321, BIO 354, or EBH 302. [Please refer to the Undergraduate Bulletin for official policies, full course options and pre-requisites, and requirements in detail.](#)

### Student Example 1

Fall Semester	Spring Semester
<b>Freshmen Year</b>	
CHE 131 or CHE 129 + CHE 130 <sup>1</sup> CHE 133 MAT 125 or MAT 131  8-10 credits	CHE 132 CHE 134 BIO 201 or BIO 202 Minor Course  11 credits
<b>Sophomore Year</b>	
CHE 321 BIO 204 + BIO 458 SPK BIO 201 or BIO 202 Minor Course  12 credits	CHE 322 CHE 327 BIO 205 or BIO 207 BIO 203  11 credits
<b>Junior Year</b>	
PHY 121 <sup>2</sup> UD BIO Lecture Course Minor Course  10 credits	PHY 122 AMS 110 or BIO 211 Minor Course  10 - 11 credits
<b>Senior Year</b>	
UD BIO Lecture Course Minor Course Minor Course + BIO 459 WRD <sup>3</sup>  9 credits	UD BIO Lecture Course Minor Course  6 credits

### Notes

1. The Molecular Science sequence of chemistry (CHE 152, CHE 154, CHE 331, CHE 332 and CHE 383) will also be accepted for the Biology B.A. degree in lieu of General Chemistry and Organic Chemistry with lab.
2. The Physics for Life Sciences sequence is listed here, but Classical Physics with lab is also accepted. Note the Classical Physics A, B, C sequence requires 3 semesters of physics lecture.
3. The BIO 459 WRD is a zero credit course must be completed with an applicable BIO lecture or Lab course. For the Biology B.A., this can be completed with one of the required genetics or evolution course options: BIO 320, BIO 321, BIO 354, or EBH 302. Please see the undergraduate bulletin for a complete list of applicable courses.