This is a breakdown of how a student, knowing they wanted to be a Biology major upon entering OU, could complete the General Education, CAS Exploratory and major requirements within a 4-year period of time.

**Based on an ACT English of 16-27/SAT Writing 410-610 and ACT Math 22-27/SAT Math (old)** $520-630; (new)** $550-650 or AP/IB/CLEP equivalents.**

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Total</th>
</tr>
</thead>
</table>
| 1    | 5 – CHM 1440 & 1470 (G.E. Natural Science and Exploratory)  
4 – BIO 1200  
4 – WRT 1050  
4 – G.E. Category | 5 – CHM 1450 & 1480 (CAS Exploratory)  
4 – BIO 1300  
1 – BIO 1201  
4 – MTH 1441  
4 – WRT 1060 | 35 credits |
|      | TOTAL = 17 credit hours   | TOTAL = 18 credit hours    |          |
| 2    | 4 – BIO 2600, 2640 (W), or 2650 (F)  
4 – CHM 2340 (CAS Exploratory)  
4 – MTH 1222 or MTH 1554 (G.E. Formal Reasoning)  
4 – G.E. Category | 4 – BIO 3400  
4 – CHM 2350  
2 – CHM 2370  
4 – STA 2222  
1 – BIO Lab Elective 1 | 31 credits |
|      | TOTAL = 16 credit hours   | TOTAL = 15 credit hours    |          |
| 3    | 4 – BIO 3232  
4 – BIO 3340  
5 – PHY 1010 & 1100  
4 – G.E. Category | 4 – Cell/Molecular/BioMed Core  
1 – BIO Lab Elective 2  
4 – BIO 4000-level Lecture  
5 – PHY 1020 & 1110 (G.E. Knowledge Application) | 31 credits |
|      | TOTAL = 17 credit hours   | TOTAL = 14 credit hours    |          |
| 4    | 4 – System Biology Core  
4 – BIO 4000-level Lecture  
1 – BIO Lab Elective 3  
4 – G.E. Category  
4 – G.E. Category | 4 – BIO 4970 (WIM and Capstone)  
4 – BIO Elective  
1 – BIO Lab Elective 4  
4 – G.E. Category | 30 credits |
|      | TOTAL = 17 credit hours   | TOTAL = 13 credit hours    |          |

Note: The major is a minimum of 52 credits in biology. All BS majors take BIO 1200, 1300, 1201, 3232, 3400, 3340, & 4970 comprising 25 credits. In addition, students are required to select a course from each of three different areas of the major (Cell/Molecular/BioMedical, Systems Biology, and Systems Physiology), four laboratory courses at 3000 level or above, and three additional elective lecture courses, two of which must be at the 4000 level for a minimum of 27 additional credits. In addition, all students must complete 20 credits of chemistry, 10 credits of physics, 8 credits of mathematics and 4 credits of statistics. The term “elective” may not be completely “free” in that this table does not address the university requirement of having 32 credits at the 3000/4000 level.

**SAT (old) refers to exams taken before March 2016. SAT (new) refers to exams taken March 2016 and after.**
### Biology B.S. Major in FOUR Academic Years Sample Schedule (2015-2018)

This is a breakdown of how a student, knowing they wanted to be a Biology major upon entering OU, could complete the General Education, CAS Exploratory and major requirements within a 4-year period of time.

*Based on an ACT English of 16-27/SAT Writing 410-610 and ACT Math 0-21/SAT Math (old)**0-510; (new)** 0-540 or AP/IB/CLEP equivalents.*

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
<th>Total</th>
</tr>
</thead>
</table>
| 1    | 4 – MTH 0661 (depends on placement)  
4 – BIO 1200  
4 – WRT 1050 (depends on placement)  
4 – G.E. Category | 4 – MTH 0662  
4 – BIO 1300  
1 – BIO 1201  
4 – WRT 1060  
4 – G.E. Category | 4 – STA 2222 | 33 credits |
|      | TOTAL = 16 credit hours | TOTAL = 17 credit hours | | |
| 2    | 4 – BIO 2600, 2640 (W), or 2650 (F)  
5 – CHM 1440 & 1470 (G.E. Natural Science and Exploratory)  
4 – MTH 1441  
4 – G.E. Category | 4 – BIO 3400  
5 – CHM 1450 & 1480 (CAS Exploratory)  
1 – BIO Lab Elective 1  
4 – MTH 1222 or MTH 1554 (G.E. Formal Reasoning) | 4 – Systems Biology Core | 35 credits |
|      | TOTAL = 17 credit hours | TOTAL = 14 credit hours | TOTAL = 4 credit hours | |
| 3    | 4 – BIO 3340  
4 – G.E. Category  
4 – CHM 2340 (CAS Exploratory)  
4 – BIO Elective | 4 – Cell/Molecular/BioMed Core  
1 – BIO Lab Elective 2  
4 – CHM 2350  
2 – CHM 2370  
4 – BIO 3232 | 4 – Systems Biology Core | 35 credits |
|      | TOTAL = 16 credit hours | TOTAL = 15 credit hours | TOTAL = 4 credit hours | |
| 4    | 4 – BIO 4000-level Lecture  
4 – BIO 4000-level Lecture  
1 – BIO Lab Elective 3  
4 – G.E. Category  
5 – PHY 1010 & 1100 | 4 – BIO 4970 (WIM and Capstone)  
1 – BIO Lab Elective 4  
4 – G.E. Category  
5 – PHY 1020 & 1110 (G.E. Knowledge Application) | 4 – Systems Biology Core | 32 credits |
|      | TOTAL = 18 credit hours | TOTAL = 14 credit hours | TOTAL = 4 credit hours | |

Note: The major is a minimum of 52 credits in biology. All BS majors take BIO 1200, 1300, 1201, 3232, 3400, 3340, & 4970 comprising 25 credits. In addition, students are required to select a course from each of three different areas of the major (Cell/Molecular/BioMedical, Systems Biology, and Systems Physiology), four laboratory courses at 3000 level or above, and three additional elective lecture courses, two of which must be at the 4000 level for a minimum of 27 additional credits. In addition, all students must complete 20 credits of chemistry, 10 credits of physics, 8 credits of mathematics and 4 credits of statistics The term “elective” may not be completely “free” in that this table does not address the university requirement of having 32 credits at the 3000/4000 level.

**SAT (old) refers to exams taken before March 2016. SAT (new) refers to exams taken March 2016 and after.**