



# 23/24 Suggested Course of Study

## Biology, BS (Pre-Health)

### (ACT Math $\leq$ 19)

#### Freshman Year, Fall Semester

Major	BIO 101, Freshman Experience in Biology	1
Major	BIO 105 or 106, Introductory Biology I or II	4
Gen Ed	ENG 101 Composition I	3
Gen Ed	HIST 101 or 102, History of World Civ I or II	3
Elective	MATH 131, Intermediate Algebra	3
<b>Total semester hours</b>		<b>14</b>

#### Freshman Year, Spring Semester

Major	BIO 105 or 106, Introductory Biology I or II	4
Gen Ed	ENG 102 Composition II	3
Gen Ed	COMS 101 Foundations of Oral Comm.	3
Support	Math 144, Pre-Calculus Algebra	3
Gen Ed	Fine Arts	3
<b>Total semester hours</b>		<b>16</b>

#### Sophomore Year, Fall Semester

Major	BIO 205 or 206, Ecology or Genetics	4
Support	MATH 149, Pre-Calculus Trigonometry	3
Gen Ed	ENG 231 or 232, Global Literature I or II	3
Gen Ed	CHEM 121, General Chemistry I	4
<b>Total semester hours</b>		<b>14</b>

#### Sophomore Year, Spring Semester

Major	BIO 205 or 206, Ecology or Genetics	4
Support	CHEM 122, General Chemistry II	4
Gen Ed	MATH 157, Introduction to Statistics	3
Gen Ed	Social & Behavioral Sciences	3
Gen Ed	Personal Development	3
<b>Total semester hours</b>		<b>17</b>

#### Junior Year, Fall Semester

Major	BIO 342, Physiology	4
Support	CHEM 221, Organic Chemistry I	4
Gen Ed	PHYS 201, College Physics I	4
Gen Ed	HIST 101 or 102, or Social & Behavioral Sci.	3
<b>Total semester hours</b>		<b>15</b>

#### Junior Year, Spring Semester

Major	BIO 341, Anatomy	4
Support	CHEM 222 or 370, Organic Chem II, or BioC	4
Support	PHYS 202, College Physics II	4
Gen Ed	Social and Behavioral Science course	3
<b>Total semester hours</b>		<b>15</b>

#### Senior Year, Fall Semester

Major	BIO 307, Cell Biology	4
Major	BIO 310 or 380 or 390 or 460 or 470	4
Gen Ed	ENG 231 or 232 or Humanities course	3
Gen Ed	Humanities or Fine Arts course	3
Electives	General or Minor elective	1
<b>Total semester hours</b>		<b>15</b>

#### Senior Year, Spring Semester

Major	BIO major elective	4
Major	BIO 490, Senior Seminar in Biology	3
Gen Ed	Humanities or Fine Arts	3
Elective	General or Minor (or CHEM 370 or 222)	4
<b>Total semester hours</b>		<b>14</b>

**TOTAL HOURS REQUIRED FOR DEGREE 120**

#### Notes

\* Indicates the course is also used to satisfy a General Education Core requirement.

This suggested course of study is for informational purposes only and does not replace academic advising. All UM students must meet with an academic advisor before registering for future semesters. This plan contains 8 hours of general electives.

For more information, contact the department chair or click one of the links below:

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Webpage: <https://www.montevallo.edu/academics/colleges/college-of-arts-sciences/biology-chemistry-mathematics/programs/biology/>

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