



26/27 Suggested Course of Study

Biology, BS (Pre-Health)

(ACT Math ≤ 19)

Freshman Year, Fall Semester

Gen Ed	UM 101, First Year Seminar	3
Major	BIO 101, Freshman Experience in Biol.	1
Major	BIO 105 or 106, Introductory Biology I or II	4
Gen Ed	ENG 101 Composition I	3
Elective	MATH 131, Intermediate Algebra	3
Total semester hours		14

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
Total semester hours		16

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
Total semester hours		14

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
Total semester hours		17

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
Total semester hours		15

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	HIST 101 or 102, or Social & Behavioral Sci.	3
Total semester hours		15

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
Elective	General Elective	2
Total semester hours		16

Senior Year, Spring Semester

Major	BIO major elective	4
Major	BIO 490, Senior Seminar in Biology	3
Gen Ed	Humanities or Fine Arts	3
Electives	Social & Behavioral Sciences	3
Total semester hours		13

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.

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

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Webpage: <https://www.montevallo.edu/undergraduate-majors/>

Bulletin: <http://bulletin.montevallo.edu/>