



26/27 Suggested Course of Study

Biology, BS

(ACT Math ≥ 20)

Freshman Year, Fall Semester

Gen Ed	UM 101, First Year Seminar	3
Major	BIO 105 or 106, Introductory Biology I or II	4
Gen Ed	ENG 101, Composition I	3
Gen Ed	CHEM 121, General Chemistry I	4
Total semester hours		14

Freshman Year, Spring Semester

Major	BIO 105 or 106, Introductory Biology I or II	4
Support	CHEM 122, General Chemistry II	4
Gen Ed	ENG 102, Composition II	3
Support	MATH 150, Pre-Calculus	4
Total semester hours		15

Sophomore Year, Fall Semester

Major	BIO 207 Molecular Genetics	3 ?
Support	CHEM 221, Organic Chemistry I	4
Gen Ed	ENG 231 or 232, Global Literature I or II	3
Gen Ed	COMS 101, Found. of Oral Communications	3
Gen Ed	HIST 101 or 102, History of World Civ I or II	3
Total semester hours		16

Sophomore Year, Spring Semester

Major	BIO 205 Ecology	4 ?
Major	BIO 208 Principles of Inheritance	2 ?
Support	CHEM 222 or 370, Organic Chem. or BioCh	4
Gen Ed	Fine Arts	3
Gen Ed	Personal Development	3
Total semester hours		16

Junior Year, Fall Semester

Major	Bio 307 Cell Biology,	4
Gen Ed	ENG 231 or 232 or Humanities	3
Gen Ed	PHYS 201, College Physics I	4
Gen Ed	Math 157, Statistics	3
Total semester hours		14

Junior Year, Spring Semester

Major	BIO 300/400 major elective	4
Support	PHYS 202, College Physics II	4
Gen Ed	Humanities or Fine Arts	3
Gen Ed	HIST 101 or 102 or Social & Behavioral Sci.	3
Elective	General or Minor	3
Total semester hours		17

Senior Year, Fall Semester

Major	BIO 310 or 380 or 390 or 460 or 470	4
Major	BIO 300/400 major elective	4
Gen Ed	Humanities or Fine Arts	3
Gen Ed	Social & Behavioral Sciences	3
Total semester hours		14

Senior Year, Spring Semester

Major	BIO 490, Senior Seminar in Biology	2
Major	BIO 300/400 major elective	4
Major	BIO 300/400 major elective	3-4
Gen Ed	Social & Behavioral Sciences	3
Elective	General or Minor	2
Total semester hours		14-15

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/>