



22/23 Suggested Course of Study

Computer Science, BA

Freshman Year, Fall Semester

Major	CS 161, Intro. to Computer Science*	3
Gen Ed	ENG 101, Composition I	3
Gen Ed	HIST 101 or 102, History of World Civ I or II	3
BA Degree	FRN or GER or SPN 101*	3
Elective	General or Minor/2 nd major (or MATH 131)	3
Total semester hours		15

Freshman Year, Spring Semester

Gen Ed	ENG 102, Composition II	3
Gen Ed	Science	4
Gen Ed	HIST 101 or 102 or Social & Behavioral Sci.	3
BA Degree	FRN or GER or SPN 102*	3
Major	CS 170 Computer Programming I	3
Total semester hours		16

Sophomore Year, Fall Semester

Major	CS 270, Computer Programming II	3
Gen Ed	ENG 231 or 232, Global Literature I or II	3
Gen Ed	COMS 101, Foundations of Oral Comm	3
Gen Ed	Fine Arts	3
BA Degree	FRN or GER or SPN 201	3
Total semester hours		15

Sophomore Year, Spring Semester

Major	CS 280, Algorithm Dev & Data Structure	3
Gen Ed	ENG 231 or 232 or Humanity	3
Gen Ed	Science	4
Gen Ed	Social & Behavioral Sciences	3
BA Degree	FRN or GER or SPN 202	3
Total semester hours		16

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 30 hours of general electives.

For more information, contact the program director 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/computer-science-major/>

Bulletin: http://bulletin.montevallo.edu/preview_program.php?catoid=31&poid=4586&returnto=4154

Junior Year, Fall Semester

Major	CS 305, Operating Systems	3
Major	CS 320, Database Management Systems	3
Electives	General or Minor/2 nd major	9
Total semester hours		15

Junior Year, Spring Semester

Major	CS 400, Program Languages	3
Major	CS 405, Computer Networks	3
Major	CS major elective	3
Gen Ed	Mathematics	3
Gen Ed	Social & Behavioral Sciences	3
Total semester hours		15

Senior Year, Fall Semester

Major	CS 415, Software Engineering	3
Major	CS major elective	3
Electives	General or Minor/2 nd major	9
Total semester hours		15

Senior Year, Spring Semester

Major	CS 485, Senior Seminar	3
Electives	General or Minor/2 nd major	10
Total semester hours		12

TOTAL HOURS REQUIRED FOR DEGREE 120