

Curriculum Map Computer Science Major, Bachelor of Science

If you are required to complete any college readiness courses, you may not be able to complete the degree in four years. This curriculum map assumes that you have not transferred in any previously completed college level courses. This is an **unofficial** document; the student's program evaluation is the official document for viewing the requirements needed to complete the chosen bachelor's degree. Please consult with your advisor for registering for classes.

All students must have 36 hours of general education courses. The approved course list is located in the MSU Catalog, <http://www.moreheadstate.edu/catalog>.

If an "f" or "s" is listed beside the course, this indicates the class is normally offered only in the fall semester (f) or spring semester (s).

All majors must also include a minor or additional major. This curriculum map is based on a 21 hour minor.

FIRST YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	FYS 101	First Year Seminar	3			ENG 200	Writing II	3
	MATH 175	Calculus I	4			COMS 108	Fund. Of Speech Communication	3
	ENG 100	Writing I	3			General Education	HUM II	3
	General Education	HUM I	3			MATH 275	Calculus II	4
	CS 170/170L	Introduction to Computer Science	4			CIS 205	Introduction to Programming C++	3
Total Credit Hours			17		Total Credit Hours			16

SECOND YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	General Education	NSC I	3			General Education	NSC II	3
	MATH 353	Statistics	3			General Education	SBS I	3
	CS 303	Data Structures	3			CS 310	Algorithms & Advanced Data Structures	3
	Minor Requirement	Refer to program evaluation	3			Minor Requirement	Refer to program evaluation	3
	Free Elective	Choose any course where you meet the prerequisite/s	3			Free Elective	Choose any course where you meet the prerequisite/s	3
Total Credit Hours			15		Total Credit Hours			15

THIRD YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	General Education	SBS II	3			CS 360 (s)	Operating Systems	3
	MATH 308 (f)	Discrete Mathematics	3			CS Elective	Refer to program evaluation	3
	CS 380 (f)	Software Engineering	3			Minor Requirement	Refer to program evaluation	3
	CS Elective	Refer to program evaluation	3			Minor Requirement	Refer to program evaluation	3
	Minor Requirement	Refer to program evaluation	3			Free Elective	Choose any course where you meet the prerequisite/s	3
Total Credit Hours			15		Total Credit Hours			15

FOURTH YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	CS 499C	Capstone & Senior Thesis I	2			CS 499D	Capstone & Senior Thesis II	1
	CS Elective	Refer to program evaluation	3			Minor Requirement	Refer to program evaluation	3
	Minor Requirement	Refer to program evaluation	3			Free Elective	Choose any course where you meet the prerequisite/s	3
	Free Elective	Choose any course where you meet the prerequisite/s	3			Free Elective	Choose any course where you meet the prerequisite/s	3
	Free Elective	Choose any course where you meet the prerequisite/s	3			Free Elective	Choose any course where you meet the prerequisite/s	3
Total Credit Hours			14		Total Credit Hours			13