



## ACADEMIC MAP: COMPUTER SCIENCE

This academic map is an example of a 4-semester guide based on university transfer options according to the MATT Tool. Classes may be taken out of sequence unless a prerequisite is noted. See your Faculty Advisor for details.

### FRESHMAN YEAR

First Semester	Sem Hrs.	Second Semester	Sem Hrs.
ENG 1113 English Composition I	3	ENG 1123 English Composition II	3
CHE 1213 General Chemistry I	3	CSC 2134 Programming I with C++ Lab	4
CHE 1211 General Chemistry I Lab	1	HIS 1173 World Civilization II	3
CSC 1613 Computer Programming I	3	PHY 2514 Engineering Physics I	4
MAT1613 Calculus I	3	MAT 1623 Calculus II	<u>3</u>
HIS 1163 World Civilization I	3		17
LLS 1311 Orientation	<u>1</u>		
	17		

### SOPHOMORE YEAR

First Semester	Sem Hrs.	Second Semester	Sem Hrs.
MAT2613 Calculus III	3	ENG Literature 2413, 2423, or 2433	3
MAT 2113 Linear Algebra	3	CSC 2844 Data Structures W/ Lab	4
Social Science Elective	3	Social Science Elective	3
ART 1113 or MUS 1113 or SPT 2233	3	BIO 1133 General Biology I	3
CSC 2144 Programming II with C++ W/Lab	<u>4</u>	BIO 1131 General Biology I Lab	1
	16	SPT 1113 Public Speaking I	<u>3</u>
			17

**TOTAL HOURS: 67**

#### UPDATES:

1. We can substitute CSC 1613 Computer Programming I for MSU's CSE 1284 (this course satisfies the ME programming requirement – either CSE 1233 or CSE 1284 are options our on-campus students enroll in);
2. If PHY 2313 and/or PHY 2323 cannot be taken, then it is advised that students should pick to take CHE 1223 (General Chemistry II) and CHE 1221 (General Chemistry II Lab) or BIO 1143 (General Biology II) and BIO 1141 (General Biology II Lab).
3. If students need an elective, then it is advised that students should pick a literature elective or take a science with lab from the list of CHE 1223 and CHE 1221, BIO 1143 and BIO 1141, or PHY 2333.

#### NOTES:

1. Please consult with the curriculum from the catalog of the university to which you plan to transfer for specific courses that can be taken at Co-Lin.
2. Acceptance of community college work is limited to one-half of the total degree hour requirement for graduation in a given curriculum.
3. It is the student's responsibility to review the Mississippi Statewide Articulation Agreement called the [MATT Transfer Tool](#) for courses accepted by each Mississippi public university.

UPDATED: 11/08/2023