



ACADEMIC MAP: BIOLOGY

(For Pre-Dental, Pre-Medical, Pre-Pharmacy, Pre-Physical Therapy, Pre-Veterinary, and Pre-Occupational Therapy)

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	CHE 1223 General Chemistry II	3
CHE 1211 General Chemistry I Lab	1	CHE 1221 General Chemistry II Lab	1
BIO 1133 General Biology I	3	BIO 1143 General Biology II	3
BIO1131 General Biology I Lab	1	BIO1141 General Biology II Lab	1
MAT1313 College Algebra	3	MAT 1323/MAT1613*	3
HIS 1163 World Civilization I	3	HIS 1173 World Civilization II	<u>3</u>
LLS 1311 Orientation	<u>1</u>		17
	18		

SOPHOMORE YEAR

First Semester	Sem Hrs.	Second Semester	Sem Hrs.
CHE 2423 Organic Chemistry I	3	CHE 2433 Organic Chemistry II	3
CHE 2422 Organic Chemistry I Lab	2	CHE 2432 Organic Chemistry II Lab	2
Social Science Elective/ECO2123**	3	Social Science Elective	<u>3</u>
PHY2413 General Physics I.	3	PHY2423 General Physics II**	3
PHY2411 General Physics I Lab	1	PHY2421 General Physics II Lab**	1
ART 1113 or MUS 1113 or SPT 2233	3	Elective/MAT2323**	<u>3</u>
SPT 1113 Public Speaking I	<u>3</u>		15
	18		

TOTAL HOURS: 60-68^

^Check with your university of transfer to determine specific sciences required. Then, determine if you plan to follow the Associate in Arts (AA) or Associate in Science (AS) to guide your credits. The credits in blue are not required for the AS degree. In general, Pell will only cover up to 60 hours of a degree plan.

*Some professional schools require students to have calculus competency.

** These courses should be carefully selected in light of specific electives allowed at the appropriate professional schools.

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: 4/11/23