

# Curriculum Map – (Biological Sciences Area Bachelor of Science – Pre-Medicine)

NOTE: This curriculum map assumes that you have not transferred in any previously completed college level courses.

All baccalaureate degree seeking students must complete a minimum of 33 hours of general education courses which includes:

FYS 101 – First Year Seminar	ENG 100 – Writing I
MATH 123, 131, 135, 152, 174 or 175*	ENG 200 – Writing II
COMS 108 – Fund. Of Speech Communication	Knowledge – Natural Science (NSC; select 2)
Knowledge – Arts & Humanities (HUM)	Global Cultures – Arts & Humanities (HUM)
Knowledge – Social & Behavioral Sciences (SBS)	Ethics & Civil Engagement – Social & Behavioral Sciences (SBS)

The approved NSC, HUM, and SBS course list is located in the current MSU Undergraduate Catalog.

\*If applicable, specific mathematics course required for degree shown below.

FIRST YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	FYS 101	G	3		BIOL 210	PR	4
	ENG 100	G	3		BIOL 210L	PR	0
	MATH 152 (must also take MATH 141) or MATH 174 or MATH 175	GPR	3-4		MATH 141 or General Elective	PRS or E	3
	BIOL 171	GPR	4		CHEM 111	GPR	4
	BIOL 171L	GPR	0		CHEM 111L	GPR	0
	SBS – Social/Behavioral Sciences Knowledge (recommend PSY 154)	G	3		COM 108	G	3
			<b>Total Credit Hours</b>				<b>Total Credit Hours</b>
			16-17				14

SECOND YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	BIOL 215	PR	4		BIOL 304	PRU	3
	BIOL 215L	PR	0		BIOL 304L	PRU	0
	CHEM 112	PR	4		PHYS 201 or PHYS 231	PRS	4 or 5
	CHEM 112L	PR	0		HUM – Global Cultures	G	3
	ENG 200	PG	3		SBS – Ethics and Civil Engagement	G	3
	HUM – Arts and Humanities Knowledge	G	3		MATH 353 or MATH 365	PRU	3
			<b>Total Credit Hours</b>				<b>Total Credit Hours</b>
			14				16-17

THIRD YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	BIOL 317 or BIOL 380	PRU	3 or 4		BIOL/CHEM 301	PRU	4
	BIOL 317L or BIOL 380L	PRU	0		BIOL/CHEM 301L	PRU	0
	CHEM 326	PRSU	4		Advanced BIOL Elective (CHEM 326/327L)	PREU	3-4
	CHEM 326L	PRSU	0		Advanced BIOL Elective	PREU	3
	PHYS 202 or PHYS 232 or ESS 108 or CHEM 327	PRS or U	3-5		General Elective	E	3
	General Elective	E	3		General Elective	E	3
			<b>Total Credit Hours</b>				<b>Total Credit Hours</b>
			13-16				16-17

FOURTH YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	BIOL 461	PRU	3		BIOL 499D	PRU	3
	BIOL 461L	PRU	0		Advanced BIOL Elective	PREU	3
	Advanced BIOL Elective	PREU	3		General Electives	E	4-5
	Advanced BIOL Elective	PREU	3		Advanced General Elective	EPU	3
	General Elective	E	3				
	General Elective	E	3				
			<b>Total Credit Hours</b>				<b>Total Credit Hours</b>
			15				13-14

(E) Elective,  
(P) Pre-requisite  
Revised: March 2021

(G) General Education Course  
(R) Required Course

(S) Supplemental  
(U) Upper Division Course 300-400 level (you must have 42 hours)

(T) MSUTeach Course