

Curriculum Map – Biology Area BS

NOTE: This curriculum map assumes that students 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-K)	Global Cultures – Arts & Humanities (HUM-GC)
Knowledge – Social & Behavioral Sciences (SBS-K)	Ethics & Civil Engagement – Social & Behavioral Sciences (SBS-ECG)

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	P L	4	
	ENG 100	G	3			BIOL 210L	P L	0	
	MATH 152 (must also take MATH 141) or MATH 174 or MATH 175		3-4			MATH 141 or free elective	P R S	3	
	BIOL 171	G P R	4			CHEM 111	G P S	4	
	BIOL 171L	G P R	0			CHEM 111L	G P S	0	
	HUM - K	G	3			COMS 108	G	3	
			Total Credit Hours	16-17				Total Credit Hours	14

SECOND YEAR COURSE SCHEDULE									
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits	
	BIOL 215	P R	4			BIOL 304	P R L	3	
	BIOL 215L	P R	0			BIOL 304L	P R L	0	
	CHEM 112	P S R	4			MATH 353 or 365	P R U	3	
	CHEM 112L	P S R	0			PHYS 201 or 231	P R	4-5	
	ENG 200	P G	3			HUM – GC	G	3	
	SBS - K	G	3			SBS - ECG	G	3	
			Total Credit Hours	14				Total Credit Hours	16-17

THIRD YEAR COURSE SCHEDULE									
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits	
	BIOL 317 or BIOL 380	P R U	3-4			BIOL/CHEM 301	P R U	4	
	BIOL 317L or 380L	P R U	0			BIOL/CHEM 301L	P R U	0	
	CHEM 326	P S U	4			Advanced BIOL elective	P R U	3	
	CHEM 326L	P S U	0			Advanced BIOL elective	P R U	3	
	PHYS 202 or PHYS 232 or ESS 108 or CHEM 327 (if taking CHEM 327, then delay CHEM 327 until next semester and replace with advanced biology elective)	P R	4-5			General elective	G	3	
	General elective	G	3			General elective	G	3	
			Total Credit Hours	14-16				Total Credit Hours	16

FOURTH YEAR COURSE SCHEDULE									
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits	
	BIOL 461	P R U	3			BIOL 499D	P R U	3	
	BIOL 461L	P R U	0			Advanced BIOL elective	P R U	3	
	Advanced BIOL elective	P R U	3			General elective	E	3	
	Advanced BIOL elective	P R U	3			Advanced general elective	E P U	3	
	General elective	E	3			General elective	E	3	
	General elective	E	3						
			Total Credit Hours	15				Total Credit Hours	15

(E) Elective,
(P) Pre-requisite

(G) General Education Course
(R) Required Course

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

Revised: (March 2021)