

Curriculum Map – (Biological Sciences Area Bachelor of Science - MSU Teach Track)

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 (NSC)	GPR	4		CHEM 111 (NSC)	GPR	4
	BIOL 171L	GPR	0		CHEM 111L	GPR	0
	Knowledge SBS	G	3		COM 108	G	3
	UTCH 100 – STEP 1	PT	1		UTCH 150 – STEP 2	PT	1
			Total Credit Hours				Total Credit Hours
			17-18				15

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		Ethics and Civil Engagement SBS	G	3
	ENG 200	PG	3		UTCH 250 – Perspectives on Science and Mathematics (Global Cultures HUM)	GPT	3
	UTCH 200 – Knowing & Learning	T	3		Knowledge HUM	G	3
			Total Credit Hours				Total Credit Hours
			14				16-17

THIRD YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	BIOL 317 or BIOL 380	PRU	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	PREU	3
	CHEM 326L	PRSU	0		MATH 353 or MATH 365	PRSU	3
	PHYS 202 or PHYS 232 or ESS 108 or CHEM 327	PRS or U	3 or 4		BIOL 155	R	3
	UTCH 300 – Classroom Interactions	PTU	3		UTCH 350 – Project-Based Instruction	PTU	3
			Total Credit Hours				Total Credit Hours
			15-16				16

FOURTH YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	BIOL 461	PRU	3		UTCH 450 – Apprentice Teaching	PTU	12
	BIOL 461L	PRU	0				
	BIOL 499D	PRU	3				
	Advanced BIOL Elective	PREU	3				
	Advanced BIOL Elective	PREU	3				
	UTCH 400 – Research Methods	PTU	3				
			Total Credit Hours				Total Credit Hours
			15				12

(E) Elective, (G) General Education Course, (S) Supplemental, (T) MSU Teach Course
 (P) Pre-requisite, (R) Required Course, (U) Upper Division Course 300-400 level (you must have 42 hours)

Revised: March 2021