

Curriculum Map – Chemistry Area Biomedical Track

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)	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			CHEM 112/112L	P,R	4
	ENG 100	G	3			MATH 175	G	4
	COMS 108	G	3			HUM 2 – Knowledge	G	3
	CHEM 111/111L – NSCI	P,G,R	4			BIOL 171/171L – NSC II	P,G,R	4
	HUM 1 – Global	G	3					
Total Credit Hours			16		Total Credit Hours			15

SECOND YEAR COURSE SCHEDULE								
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits
	ENG 200 or HON 200	P,G	3			CHEM 327/327L	P,R,U	4
	CHEM 326/326L	P,R,U	4			CHEM 301/301L	P,R,U	4
	PHYS 201 OR PHYS 231	P,R	4-5			PHYS 202 or PHYS 232	P,R	4-5
	BIOL 304/304L	P,R,U	3			SBS I – Knowledge	G	3
Total Credit Hours			14-15		Total Credit Hours			15-16

THIRD YEAR COURSE SCHEDULE								
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits
	BIOL 380/380L	PRU	3			CHEM 351	PRU	3
	BIOL 244/244A	PR	4			CHEM 360/360L	PRU	3
	SBS 2 – Ethics	G	3			General Elective	U	6
	General Electives	EU	3			Biomedical Option Elective	EU	3-4
	Biomedical Option Elective	E	3-4					
Total Credit Hours			16-17		Total Credit Hours			15-16

FOURTH YEAR COURSE SCHEDULE								
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits
	CHEM 499C	PRU	2			CHEM 499D	PRU	1
	CHEM 441	PRU	3			Biomedical Option Elective	EU	2-4
	Biomedical Option Elective	EU	3-4			General Elective	E	12
	General Electives	E	6					
Total Credit Hours			14-15		Total Credit Hours			16-17

(E) Elective
 (P) Pre-requisite
 (U) Upper Division Course 300-400 level (you must have 42 hours)

(G) General Education Course
 (R) Required Course