

Curriculum Map

Area of Concentration in Chemistry – Biomedical Chemistry

This curriculum map represents one potential arrangement of the requirements necessary to complete the Area of Concentration in Chemistry – Biomedical Chemistry Track taking into consideration course sequencing, prerequisites, and professional school requirements. Please note that the curriculum does not take into consideration any required developmental courses or transfer work. If developmental courses are required you may not be able to complete this program in four years. If you have transfer work please forward all transcripts to the Office of the Register so that equivalences can be made and applied to your program evaluation in a timely fashion. Students should consult with their advisor.

FIRST YEAR COURSE SCHEDULE								
//	Fall Semester	Code	Credits		//	Spring Semester	Code	Credits
	FYS 101	G	3			CHEM 112/112L or 131/131L	P,R	4
	ENG 100	G	3			MATH 175	G	4
	COMS 108	G	3			HUM 2 - Humanities	G	3
	CHEM 111/111L – NSC I	P,G,R	4			BIOL 171/171L – NSC II	P,G,R	4
	HUM 1 - Humanities	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 201/201A or 231/232A	P,R	4-5			PHYS 202/202A or 232/232A	P,R	4-5
	BIOL 304/304L	P,R,U	3			SBS 1 – Social/Behavioral Sciences	G	3
Total Credit Hours			14-15		Total Credit Hours			15-16

THIRD YEAR COURSE SCHEDULE								
//	Fall Semester	Code	Credits		//	Spring Semester	Code	Credits
	CHEM 351 ¹	P,R,U	3			BIOL 380/380L	P,R,U	3
	BIOL 244/244A	P,R	4			CHEM 360/360L	P,R,U	3
	SBS 2 –Social/Behavioral Sci.	G	3			General Electives	U	6
	General Electives	E,U	3			Biomedical Option Elective	E, U	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	P,R,G,U	2			CHEM 499d	P,G,R,U	1
	CHEM 441 ²	P,R,U	3			Biomedical Option Elective	E,U	3-4
	Biomedical Option Elective	E,U	3-4			General Electives	E	12
	General Electives	E	6					
Total Credit Hours			14-15		Total Credit Hours			16-17

¹CHEM 351 is Fall only, CHEM 360 is Spring only.

²CHEM 441 is offered every third semester; consult with advisor regarding which semester you should take it.

Codes

(P) Pre-Requisite Course(s) must be successfully passed to be eligible to enroll in this course.

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

(R) Required Course, (E) Elective, (S) Supplemental, (G) General Education Course