Curriculum Map
Area of Concentration in Biomedical Sciences
Pre-Dentistry

This curriculum map represents one potential arrangement of the requirements necessary to complete the Area of Concentration in Biomedical Sciences 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 year period. 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, First Year Seminar	G	3		COMS 108, Fundamentals of Speech Communication	G	3
	BIOL 171/171L, Principles of Biology (NSC I Exchange)	P,G	4		Biomedical Science Elective (BIOL 244/244A, Anatomy and Physiology I)	P,E	4
	ENG 100, Writing I	G	3		CHEM 111/111L, Principles of Chemistry I (NSC II Exchange)	P,G	4
	MATH 174, Pre-Calculus	P,G	3		HUM I	G	3
	SBS I	G	3				
	Total Credit Hours		16		Total Credit Hours		14

SECOND YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	ENG 200, Writing II	G	3		BIOL 301/301L, Fundamentals of Biochemistry	R, U	4
	Biomedical Science Elective (BIOL 245/245A, Anatomy and Physiology II)	P,E	4		BIOL 317/317L, Principles of Microbiology	R, U	4
	CHEM 112/112L, Principles of Chemistry II	P,R	4		PHYS 201/201A, Elementary Physics I	R	4
	SBS II	G	3		HUM II	G	3
	BIOL 304/304L, Genetics	P,R,U	3				
	Total Credit Hours		17		**Total Credit Hours**		15

THIRD YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	BIOL 380/380L, Cell Biology	P,R, U	3		Biomedical Science Elective	E, U	3
	MATH 353, Statistics	P,R, U	3		Biomedical Science Elective	E, U	3
	CHEM 326/326L, Organic Chemistry I	P,R, U	4		General Elective		3
	PHYS 202/202A, Elementary Physics II	P,R	4		General Elective		3
					General Elective		3
	Total Credit Hours		14		Total Credit Hours		15

FOURTH YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	Biomedical Science Elective	E, U	3		BIOL 499E, Issues in Biomedical Science	P,G, U	3
	Biomedical Science Elective	E, U	3		Biomedical Science Elective	E, U	3
	General Elective		3		Biomedical Science Elective	E, U	3
	General Elective		3		General Elective		3
	General Elective		3		General Elective		3
	Total Credit Hours		15		Total Credit Hours		15

Special Instructions:

A student may select the MATH 141/152 (Plane Trigonometry & College Algebra, 6hrs) sequence or MATH 174 (Pre-Calculus, 3 hrs) or MATH 175 (Calculus, 4 hrs).

There are not a specified number of courses required to complete the 26 hrs of Biomedical Science Electives. Any combination of 3-4hr courses totaling 26hrs is the minimum requirement of Biomedical Science Electives.

There are not a specified number of courses required to complete the required number of 300 level courses. Any combination of 3-4hr courses totaling 42hrs is the minimum requirement of 300 level courses.

There are not a specified number of General Elective Courses in order to graduate. General Electives are necessary for the student to obtain a minimum of 120 hrs for graduation. The student is required to complete all General Education and Program requirements, the remaining number of hours necessary to reach 120hrs in order to be eligible for graduation are considered General Electives, which means they can be selected for courses across campus based on the individual student's interest or at the recommendation of the student's advisor.

Codes
(G) General Education Course
(R) Program Requirement
(E) Program Elective
(U) Upper Division Course
(P) The course has prerequisites