Curriculum Map
Area of Concentration in Biology
Pre-Medicine

This curriculum map represents one potential arrangement of the requirements necessary to complete the Area of Concentration in Biological 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 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-First Year Seminar	G	3		CHEM 111/111L – Principles of Chemistry I (NSC2 exchange)	G,R	4
	ENG 100-Writing I	G	3		ENG 200 –Writing II (**HON 200)	G	3
	COMS 108 – Fundamentals of Speech Comm.	G	3		SBS I (e.g. SOC 203 – American Social Problems)	G	3
	BIOL 171 – Principles of Biology (NSC1 exchange)	G,R	4		BIOl 210/210L - Zoology	R	4
	MATH 174*	G,R	3				
	Total Credit Hours		16		Total Credit Hours		14

SECOND YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	BIOL 215/215L – Botany	R	4		BIOL 301/301L–Fund. of Biochemistry	R,U	4
	CHEM 112/112L – Principles of Chemistry II with lab	S,R	4		BIOL 304/304L -Genetics	R,U	3
	Suggested General Elective BIOL 244/244A Human Anatomy & Physiology I with lab	E	4		Suggested General Elective BIOL 245/245A Human Anatomy & Physiology II with lab	E	4
	HUM I (e.g. PHIL 100 or 103) (**HON 205)	G	3		SBS II (e.g. PSY 154) (**HON 210)	G	3
					Gen Elective (e.g.PSY 156 - Life Span Developmental Psychology)	E	3
	Total Credit Hours		15		Total Credit Hours		17

THIRD YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	CHEM 326/326L – Organic Chemistry I	S,R,U	4		Advanced Biology Elective (e.g. BIOL 336)	E,U	4
	BIO 317/317L - Microbiology	R,U	4		BIOL 380/380L –Cell Biology	R,U	3
	PHYS 201/201A – Elementary Physics I with laboratory	S,R	4		PHYS 202/202A – Elementary Physics II with laboratory	G	4
	MATH 353 - Statistics	S,R,U	3		CHEM 327/327L Organic Chemistry Required for many medical schools	E	4
	Total Credit Hours		15		Total Credit Hours		15

FOURTH YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	Advanced Biology Elective (e.g.BIOL 429)	E,U	3		Advanced Biology Elective (e.g. BIOL 337, BIOL 424, BIOL 490	E,U	3-4
	BIOL 425/425L–Animal Physiol	R,U	3		BIOL 499D–Capstone: Prin. Evolution	G,U	3
	General Electives	E	3		BIOl 461/461L - Ecology	R.U	3
	HUM II (e.g. ENG 205/Lang, culture & mind) or SPA 101	G	3		General Electives	E	3-4
	Suggested General Elective- BIOL338, BIOL 427, BIOL 428		3				
	Total Credit Hours		15		Total Credit Hours		13

(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

MATH 152 + MATH 141 substitute for MATH 174
****Honors Program students only**