Curriculum Map
Chemistry Major
Pre-Optometry[1]

NOTE: If you are required to complete any developmental courses, you may not be able to complete the degree in four years. This curriculum map assumes that you have not transferred in any previously completed college level courses.

FIRST YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	FYS 101 – First Year Seminar	G	3		NSC 1 -BIOL 171 & 171L (Exchange)	P,G,R	4
	MATH 174[3]	P,G	3		CHEM 112 or CHEM 131	G,R	4
	ENG 100 – Writing I	P,G	3		CHEM 112L or CHEM 131L	P,R	0
	NSC 2-CHEM 111 & 111L (Exchange)	P,G,R	4		SBS 1 – Social/Behavioral Sciences Elective	G	3
	HUM 1 – Humanities Elective	G	3		MATH 175	G,R	4
Total Credit Hours			16	Total Credit Hours			15

SECOND YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	CHEM 326	P,R,U	4		CHEM 327 & CHEM 327L	P,R,U	4
	CHEM 326L	P,R,U	0		PHYS 202	P,R	3
	PHYS 201	P,R	3		PHYS 202A	P,R	1
	PHYS 201A	P,R	1		BIOL 234	P	3
	BIOL 210 & BIOL 210 L	P	4		HUM 2 – Humanities Elective	G	3
	ENG 200 – Writing II	P,G	3		COMS 108 – Fundamentals of Speech Comm.	G	3
Total Credit Hours			15	Total Credit Hours			17

THIRD YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	CHEM 351	P,R	3		CHEM 360	P,R,U	3
	BIOL 317	P,U	4		CHEM 360L	P,R,U	0
	BIOL 317L	P,U	0		CHEM 301 & CHEM 301L	P,U	4
	BIOL 235	P	3		CHEM 441[3]	P,R,U	3
	SBS 2 – Social/Behavioral Sciences Elective	G	3		MATH 353	P,R,U	3
	GENERAL ELECTIVE[1]		3				
Total Credit Hours			16	Total Credit Hours			13

FOURTH YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	PHYS OR ESS elective	P	3		CHEM 499C	P,R,G,U	1
	BIOL 304	P,U	3		BIOL 380	P,U	3
	BIOL 304L	P,U	0		BIOL 380L	P,U	0
	GENERAL ELECTIVES[1]		6		CHEM 429	P,U	3
	CHEM 498	P,R,U,G	2		GENERAL ELECTIVES[1]	R	7
Total Credit Hours			14	Total Credit Hours			14

[1]Assumes an integrated science minor. When General Electives are to be taken students should consider taking courses for their minor. Students should remember that they must have 43 hours of 300-400 level courses.
[2]CHEM 351 is Fall only, CHEM 360 is Spring only.
[3]Typically this is MATH 174, but it can be skipped if student is qualified for MATH 175. MATH 175 is required.

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