

CHEMISTRY MAJOR - B.S.
Pre-Pharmacy Concentration
LECOM

First Year

Fall	Credits	Spring	Credits
CHEM 121 Gen. Chem. I/Lab	4	CHEM 122 General Chemistry II/Lab	4
CHEM 192 Freshman Chem. Seminar	0	CORE 104 Spring Comm. Enrich.	0
CORE 103 Fall Comm. Enrich.	0	CORE I Building a Foundation	3
FNAR Fine Arts	3	THEO105 Francis & Glob. Iss.	3
HIST History	3	MATH 122 Calculus II	3
MATH 121 Calculus I	3	PHYS 121 General Physics I/Lab	4
WRIT 102 Research Writing	3		17
	16		

Second Year

Fall	Credits	Spring	Credits
BIOL 110 Evol., Ecol., Plant/Lab	4	BIOL 111 Molec, Cells, Anim./Lab	4
CHEM 221 Organic Chemistry I/Lab	4	CHEM 222 Organic Chemistry II/Lab	4
LIT Literature	3	CHEM 251 Quantitative Analysis/Lab	3
MATH 215 Intro Statistics	3	CHEM 292 Sophomore Chem. Seminar	0
PHYS 122 General Physics II/Lab	4	PHIL Philosophy	3
	18	Soc Sci Social Science	3
			17

Third Year

Fall	Credits	Spring	Credits
CHEM 321 Physical Chemistry I/Lab	4	Apply Ln Applied Learning	1
CHEM 324 Inorganic Chemistry/Lab	4	CHEM Pre-Pharm elective*	4-3
CORE II Civic Responsibility	3	CHEM 457 Chem. & Society	3
Ethics Ethics	3	CHEM Chemistry elective**	4
LANG Language & Culture	3	XXX Elective	3
PMED 331 Junior PreMed Seminar	0	XXX Elective	3
	17		17-18

***Chemistry Pre-Pharm Elective (3 or more credits from the following)**

CHEM 322 Physical Chemistry II/Lab	4
CHEM 323 Instrumental Analysis/Lab	3

****Chemistry elective: 4 or more credits from CHEM 300 – 400 level courses**

Admission

Requirements for admission and other details of the "3+3" Program in Pharmacy are described in the Affiliation Agreement between the Lake Erie College of Osteopathic Medicine (LECOM) School of Pharmacy and Saint Francis University

Degrees

After completing three years at Saint Francis University and a successful year at the LECOM School of Pharmacy, the student is awarded a B.S. from Saint Francis University in Chemistry. The conferral of the Doctor of Pharmacy degree occurs after successful completion of all coursework at LECOM and by recommendation of the LECOM School of Pharmacy.

Note: Sequence of courses may be altered with advisor's approval.