



Biochemistry Major – B.S. Pre-Pharmacy LECOM (3+4) concentration

First Year

Fall		Credits	Spring		Credits
CHEM 121	Chemical Principles I/Lab	4	CHEM 122	Chemical Principles I/Lab	4
MATH 121	Calculus I	3	MATH 122	Calculus II	3
BCHM 192	Freshman Biochem. Seminar	0	PHYS 121	General Physics I/Lab	4
WRIT 102	Research Writing, <u>G.E.</u>	3	CORE 113	First Year Seminar, <u>G.E.</u>	3
BIOL 110	Intro to Biology I/Lab	4	RLST 105	Francis & Glob. Iss., <u>G.E.</u>	3
ECON 101	Economics (1 of 3 Soc Sci)*, <u>G.E.</u>	3	CORE 104	Spring Comm. Enrich., <u>G.E.</u>	0
CORE 103	Fall Comm. Enrich., <u>G.E.</u>	0			17
		17			

Second Year

Fall			Spring		
CHEM 221	Organic Chemistry I/Lab	4	CHEM 222	Organic Chemistry II/Lab	4
PHYS 122	General Physics II/Lab	4	BCHM Stat	BCHM statistics/Lab	3-4
LIT XXX	Literature, <u>G.E.</u>	3	BCHM 292	Soph. Biochem. Seminar	0
BIOL 111	Intro to Biology II/Lab	4	BIOL 301	Genetics/Lab	4
LANG XXX	Language, <u>G.E.</u>	3	PHIL 205	Reason & Respons., <u>G.E.</u>	3
		18	HIST XXX	History, <u>G.E.</u>	3
					17-18

Third Year

Fall		Credits	Spring		Credits
CHEM 321	Physical Chemistry I/Lab	4	BCHM 407	Biochemistry II	3
BCHM 405	Biochemistry I/Lab	4	BCHM 408	Biochemistry II Lab	2
Diversity	Diversity Elective, <u>G.E.</u>	3	FNAR XXX	Fine Arts, <u>G.E.</u>	3
RLST/PHIL	Ethics Course, <u>G.E.</u>	3	BCHM Keystone Seminar		3
Soc Sci 2 nd	Social Science (2 of 3)*, <u>G.E.</u>	3	Soc Sci 3 rd	Social Science (3 of 3), <u>G.E.</u>	3
EXAM 301	Writing Comp. Exam, <u>G.E.</u>	0	BIOL 401	Cell & Mol Biol/Lab	4
BCHM 392	Junior Biochem. Seminar	0			18
		17			

Biochemistry Statistics Electives (3 or more credits)

BIOL 315	Biostatistics/Lab	4	MATH 215	Introductory Statistics	3
CHEM 251	Quantitative Analysis/Lab	3	STAT 205	Essentials of Statistics	3

Biochemistry Keystone Seminar (3 or more credits)

CHEM 457	Chemistry and Society	3			
or					
CORE 407	Keystone Seminar, <u>G.E.</u>	3	and	BCHM 492	Biochemistry seminar 1

*Soc Sci (1st and 2nd) requirements (6 credits)

Economics is required and PSYCH 101 or SOC 101

Admission requirements: If students have not done so, in their first year, they must go to the LECOM portal to register their intent to apply and the year of expected admission. They must also notify the Biochemistry program director.

In their Sophomore year, students need to apply in January to appear before the Pre-Medicine Committee.

After successful completion of three years at Saint Francis University and one year at LECOM School of Pharmacy, students are awarded a B.S. in Biochemistry from Saint Francis University.