



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

First Year

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

Second Year

Fall

BIOL 111	Intro to Biology II/Lab	4
CHEM 221	Organic Chemistry I/Lab	4
PHYS 122	General Physics II/Lab	4
LANG XXX	Language, <u>G.E.</u>	3
LIT XXX	Literature, <u>G.E.</u>	3
		18

Spring

BIOL 301	Genetics/Lab	4
CHEM 222	Organic Chemistry II/Lab	4
BCHM Stat	BCHM statistics/Lab	3-4
BCHM 292	Soph. Biochem. Seminar	0
HIST XXX	History, <u>G.E.</u>	3
PHIL 205	Reason & Respons., <u>G.E.</u>	3
		17-18

Third Year

Fall

		Credits
BCHM 405	Biochemistry I/Lab	4
CHEM 321	Physical Chemistry I/Lab	4
Diversity	Diversity Elective, <u>G.E.</u>	3
EXAM 301	Writing Comp. Exam, <u>G.E.</u>	0
PMED 331	Junior PreMed Seminar	0
RLST/PHIL	Ethics Course, <u>G.E.</u>	3
Soc Sci 2 nd	Social Science (2 of 3)*, <u>G.E.</u>	3
		17

Spring

		Credits
BCHM 407	Biochemistry II	3
BCHM 408	Biochemistry II Lab	2
BCHM	Keystone Seminar	3
BIOL 401	Cell & Mol Biol/Lab	4
FNAR XXX	Fine Arts, <u>G.E.</u>	3
Soc Sci 3 rd	Social Science (3 of 3), <u>G.E.</u>	3
		18

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 PSYC 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.