



Biochemistry Major – B.S. Pre-Optometry Salus (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
PSYC 101	Intro to Psychology	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	FNAR XXX	Fine Arts, <u>G.E.</u>	3
BCHM 405	Biochemistry I/Lab	4	BCHM 407	Biochemistry II	3
BIOL 302	General Microbiology/Lab	4	BCHM 408	Biochemistry II Lab	2
RLST/PHIL	Ethics Course, <u>G.E.</u>	3	BCHM Keystone Seminar		3-4
Soc Sci	ECON 101, SOC, or PLSC	3	PSYC 314	Biopsycology	3
EXAM 301	Writing Comp. Exam, <u>G.E.</u>	0	Diversity	Diversity Elective, <u>G.E.</u>	3
BCHM 392	Junior Biochem. Seminar	0			17-18
		18			

Biochemistry Statistics Electives (3 or more credits)

BIOL 315	Biostatistics/Lab	4	MATH 215	Introductory Statistics	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

After successful completion of three years at Saint Francis University and one year at Salus University Pennsylvania College of Optometry, students are awarded a B.S. in Biochemistry from Saint Francis University.