



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

First Year

<u>Fall</u>		<u>Credits</u>	<u>Spring</u>		<u>Credits</u>
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	Psychology (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

<u>Fall</u>			<u>Spring</u>		
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

<u>Fall</u>		<u>Credits</u>	<u>Spring</u>		<u>Credits</u>
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
Diversity	Diversity Elective, <u>G.E.</u>	3	BCHM 408	Biochemistry II Lab	2
RLST/PHIL	Ethics Course, <u>G.E.</u>	3	BCHM Keystone Seminar		3
ECON 101	Economics (2 of 3 Soc Sci), <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
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Pharmacy Calculations (2 credits) must be completed the summer before matriculation to the Mylan School of Pharmacy

Admission requirements: Requirements for admission and other details of the “3+4” Program in Pharmacy are described in the Affiliation Agreement between Duquesne University Mylan School of Pharmacy and Saint Francis University. Students must notify the Biochemistry program director.

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