



## Biochemistry Major – B.S. Dental Temple 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
Soc Sci 1st Social Science (1 of 3), <u>G.E.</u>	3	CORE 104 Spring Comm. Enrich., <u>G.E.</u>	<u>0</u>
CORE 103 Fall Comm. Enrich., <u>G.E.</u>	<u>0</u>		17
	17		

### Second Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</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 401 Cell & Mol Biol/Lab	4
LANG XXX Language, <u>G.E.</u>	<u>3</u>	PHIL 205 Reason & Respons., <u>G.E.</u>	3
	18	HIST XXX History, <u>G.E.</u>	<u>3</u>
			17-18

### Third Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 321 Physical Chemistry I/Lab	4	BIOL 301 Genetics/Lab	4
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
Soc Sci 2 <sup>nd</sup> Social Science (2 of 3), <u>G.E.</u>	3	Soc Sci 3 <sup>rd</sup> Social Science (3 of 3), <u>G.E.</u>	3
EXAM 301 Writing Comp. Exam, <u>G.E.</u>	<u>0</u>	FNAR XXX Fine Arts, <u>G.E.</u>	3
	17	BCHM 392 Junior Biochem Seminar	<u>0</u>
			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

Note: The following General Education requirements are suggested:

<u>1<sup>st</sup> &amp; 2<sup>nd</sup> Social Science</u>	<u>3<sup>rd</sup> Social Science</u>	<u>available for History</u>	<u>Ethics course</u>
PSYC 101 Intro to Psych	PSYC 209 Developmental Psychology	HIST 245 History of Medicine	PHIL 312 Health Care Ethics
SOC 101 General Sociology	SOC 312 Medical Sociology		

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