



UNIVERSITY OF SAINT JOSEPH

Biochemistry

FALL	1 st Semester: _____	18	SPRING	2 nd Semester: _____	15
	BIOL 114 Introduction to Cellular Biology + Lab	4		CHEM 176 Fundamental Chemical Principles II + Lab	4
	CHEM 175 Fundamental Chemical Principles I + Lab	4		MATH 180 Calculus II + Lab (MATH 170: Calculus I)	4
	MATH 170 Calculus I + Lab (MATH 160: Pre-Calculus)	4		INTD 116 First Year Seminar II	1
	INTD 100 First Year Seminar I	3		CORE	3
	ENGL 104 or ENGL 110	3		CORE	3
FALL	3 rd Semester: _____	15	SPRING	4 th Semester: _____	15
	BIOL 325 Genetics + Lab (BIOL 114)	4		CHEM 210 Organic Chemistry II + Lab (CHEM 200)	4
	CHEM 200 Organic Chemistry I + Lab (CHEM 176)	4		PHYS 140 Introductory Physics II (PHYS 130)	4
	PHYS 130 Introductory Physics I (MATH 170)	4		BIOL 350 Advanced Cell Biology + Lab (BIOL 114)	4
	CORE	3		CORE	3
FALL	5 th Semester: _____	14	SPRING	6 th Semester: _____	15
	CHEM 310 Quantitative Analysis + Lab (CHEM 176)	4		CHEM 300 Analytical Instrumentation + Lab (CHEM 210)	4
	INTD 301 Mercy Integrative Seminar (FA / SP)	3		INTD 301 Mercy Integrative Seminar (FA / SP)	3
	CHEM 426 Biochemistry I + Lab (CHEM 210)	4		CHEM 487 CURE Foundations * (CHEM 210)	2
	CORE	3		CORE	3
				CORE	3
FALL	7 th Semester: _____	16	SPRING	8 th Semester: _____	13
	CHEM 320 Physical Chemistry I (CHEM 176, PHYS 140, MATH 180)	3		CHEM 430 Biochemistry II (CHEM 426, CHEM 320 or CHEM 500)	3
	CHEM 499 Coordinating Seminar (Senior Year Status)	1		CHEM 496 Thesis **	3
	CORE/Elective	3		CHEM 488 Chemistry/Biochemistry Formal Reporting	1
	CORE/Elective	3		CORE/Elective	3
	CORE/Elective	3		CORE/Elective	3
	CORE/Elective	3			

* **CURE**: Course-based Undergraduate Research Experience

Student must choose to take either CHEM 496, **or CHEM 487 + CHEM 488, but not all three.

NOTE: This is an unofficial worksheet and is subject to change. The responsibility to register for the necessary courses in the proper sequence to meet the academic program requirements rests with the student. Please consult your advisor every semester, and the USJ catalog, for the most up-to-date degree program requirements.