



# UNIVERSITY OF SAINT JOSEPH

## Chemistry

FALL	1 <sup>st</sup> Semester: _____	<u>14</u>	SPRING	2 <sup>nd</sup> Semester: _____	<u>14-15</u>
	CHEM 175 Fund/Chemical Principles I (Pre-Req: MATH 160)	4		CHEM 176 Fundamental Chemical Principles II + Lab	4
	MATH 170 Calculus I + Lab (MATH 160: Pre-Calculus)	4		MATH 180 Calculus II + Lab (MATH 170: Calculus I) <b>or</b>	
	INTD 100 First Year Seminar I	3		Math 110 Statistics	3-4
	ENGL 104 or ENGL 110	3		INTD 116 First Year Seminar II	1
				CORE/ Elective	3
				CORE/ Elective	3
FALL	3 <sup>rd</sup> Semester: _____	<u>17</u>	SPRING	4 <sup>th</sup> Semester: _____	<u>17</u>
	CHEM 200 Organic Chemistry I + Lab (CHEM 176)	4		CHEM 210 Organic Chemistry II + Lab (CHEM 200)	4
	PHYS 130 Introductory Physics I (MATH 170)	4		PHYS 140 Introductory Physics II (PHYS 130)	4
	CORE/Elective	3		CORE/Elective	3
	CORE/ Elective	3		CORE/Elective	3
CORE/ Elective	3	CORE/Elective	3		
FALL	5 <sup>th</sup> Semester: _____	<u>15</u>	SPRING	6 <sup>th</sup> Semester: _____	<u>16</u>
	CHEM 320 Physical Chemistry I	3		CHEM 300 Analytical Instrumentation* + Lab (CHEM 210)	4
	INTD 301 Mercy Integrative Seminar (FA / SP)	3		INTD 301 Mercy Integrative Seminar (FA / SP)	3
	CORE/Elective	3		CHEM 487 <b>CURE</b> Foundations ** (CHEM 210)	2
	CORE/Elective	3		CHEM 426 Biochemistry I + Lab ( <i>Not needed if you take 420</i> )	4
CORE/Elective	3	CORE/Elective	3		
FALL	7 <sup>th</sup> Semester: _____	<u>14</u>	SPRING	8 <sup>th</sup> Semester: _____	<u>14</u>
	CHEM 330 Physical Chemistry II *	3		CHEM 310 Quantitative Analysis* + Lab (CHEM 176)	4
	CHEM 420 Inorganic Chemistry ( <i>Not needed if you take 426</i> )	4		CHEM 496 Thesis ***	3
	CHEM 499 Coordinating Seminar (Senior Year Status)	1		CHEM 488 Chemistry/Biochemistry Formal Reporting	1
	CORE/Elective	3		CORE/Elective	3
CORE/Elective	3	CORE/Elective	3		

\*Offered Alternating Years

\*\* **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.