



UNIVERSITY OF SAINT JOSEPH

Chemistry

FALL

1 st Semester: _____	<u>14</u>
CHEM 175 Fund/Chemical Principles I + Lab (Pre-Calculus)	4
MATH 170 Calculus I + Lab (Pre-Calculus)	4
INTD 100 First Year Seminar I	3
ENGL 104 or ENGL 110	3

SPRING

2 nd Semester: _____	<u>14-15</u>
CHEM 176 Fundamental Chemical Principles II + Lab	4
MATH 180 Calculus II + Lab (MATH 170) or Math 110 Stats	3-4
INTD 116 First Year Seminar II	1
CORE/ Elective	3
CORE/ Elective	3

FALL

3 rd Semester: _____	<u>17</u>
CHEM 200 Organic Chemistry I + Lab (CHEM 176)	4
PHYS 130 Introductory Physics I + Lab (MATH 170)	4
CORE/Elective	3
CORE/ Elective	3
CORE/ Elective	3

SPRING

4 th Semester: _____	<u>17</u>
CHEM 210 Organic Chemistry II + Lab (CHEM 200)	4
PHYS 140 Introductory Physics II + Lab (PHYS 130)	4
CORE/Elective	3
CORE/Elective	3
CORE/Elective	3

FALL

5 th Semester: _____	<u>14</u>
CHEM 487 CURE Foundations ** (CHEM 210)	2
INTD 301 Mercy Integrative Seminar (Fall or Spring)	3
CORE/Elective	3
CORE/Elective	3
CORE/Elective	3

SPRING

6 th Semester: _____	<u>14</u>
CHEM 300 Analytical Instrumentation* + Lab (CHEM 210)	4
CHEM 320 Physical Chemistry I	3
CHEM 426 Biochemistry I + Lab	4
CORE/Elective	3

FALL

7 th Semester: _____	<u>16</u>
CHEM 330 Physical Chemistry II *	3
CHEM 420 Inorganic Chemistry (CHEM 176)	3
CHEM 499 Coordinating Seminar (Senior Year Status)	1
CORE/Elective	3
CORE/Elective	3
CORE/Elective	3

SPRING

8 th Semester: _____	<u>13</u>
CHEM 496 Thesis ***	3
CHEM 488 Chemistry/Biochemistry Formal Reporting	1
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.