



UNIVERSITY OF SAINT JOSEPH

Chemistry Pre-med/Pre-dental

FALL

1st Semester: _____

15

CHEM 175 Fund/Chemical Principles I + Lab (Pre-Calculus) 4

MATH 170 Calculus I + Lab (Pre-Calculus) 4

BIOL 114 General Biology I 4

INTD 100 First Year Seminar I 3

SPRING

2nd Semester: _____

16

CHEM 176 Fundamental Chemical Principles II + Lab 4

MATH 180 Calculus II + Lab (MATH 170) 4

BIOL 117 General Biology II 4

INTD 116 First Year Seminar II 1

CORE/ Elective 3

FALL

3rd Semester: _____

14

CHEM 200 Organic Chemistry I + Lab (CHEM 176) 4

PHYS 130 Introductory Physics I + Lab (MATH 170) 4

MATH 110 Elementary Statistics 3

ENGL 104 or ENGL 110 3

SPRING

4th Semester: _____

15

CHEM 210 Organic Chemistry II + Lab (CHEM 200) 4

PHYS 140 Introductory Physics II + Lab (PHYS 130) 4

BIOL 241 Anatomy & Physiology I 4

CHEM 330 Physical Chemistry II 3

FALL

5th Semester: _____

16

INTD 301 Mercy Integrative Seminar (Fall or Spring) 3

BIOL 242 Anatomy & Physiology II 4

SOCL 101 Introduction to Sociology 3

CORE/Elective 3

CORE/Elective 3

SPRING

6th Semester: _____

17

CHEM 300 Analytical Instrumentation + Lab (CHEM 210) 4

CHEM 320 Physical Chemistry I 3

CHEM 426 Biochemistry I + Lab 4

PSYC 100 Introductory Psychology 3

CORE/Elective 3

FALL

7th Semester: _____

14

CHEM 499 Coordinating Seminar (Senior Year Status) 1

BIOL 325 Genetics 4

CORE/Elective 3

CORE/Elective 3

CORE/Elective 3

SPRING

8th Semester: _____

16

CHEM 496 Thesis 3

CHEM 420 Inorganic Chemistry (CHEM 176) 3

BIOL 301 Microbiology 4

CORE/Elective 3

CORE/Elective 3

Disclaimer: This academic plan is a general guide. Health Professions programs (e.g., medical, dental, PA, vet, PT, etc.) requirements vary by institution. Students are responsible for researching the specific prerequisites, recommended coursework, and additional requirements of the programs to which they plan to apply. Academic Advisors can help adjust the academic plan as needed.

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.