



UNIVERSITY OF SAINT JOSEPH

Biology Pre-med/Pre-dental

FALL

1st Semester: _____

BIOL 114 General Biology I
CHEM 175 Fundamental Chemical Principles I
INTD 100 First Year Seminar I
ENGL 104 or ENGL 110
CORE

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SPRING

2nd Semester: _____

BIOL 117 General Biology II
BIOL 232 Science Communication
CHEM 176 Fundamental Chemical Principles II
INTD 116 First Year Seminar II
INTD 135 Exploration of Careers in Health/Biomed
CORE

15

FALL

3rd Semester: _____

BIOL 237 Principles of Environmental Science
CHEM 200 Organic Chemistry I
MATH 170 Calculus I
PSYC 100 Introductory Psychology

15

SPRING

4th Semester: _____

BIOL 250 Introduction to Biological Research
CHEM 210 Organic Chemistry II
MATH 180 Calculus II (*recommended*)*
BIOL 241 Anatomy and Physiology I
SOCL 101 Introduction to Sociology

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FALL

5th Semester: _____

BIOL 325 Genetics
PHYS 130 Introductory Physics I
BIOL 242 Anatomy and Physiology II
INTD 301 Mercy Integrative Seminar

15

SPRING

6th Semester: _____

BIOL 301 Microbiology
PHYS 140 Introductory Physics II
MATH 110 Elementary Statistics
CHEM 426 Biochemistry I

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FALL

7th Semester: _____

BIOL 4XX: Biology Capstone
BIOL 350 Advanced Cellular Biology (every other fall)
CORE/Elective
BIOL 499 Coordinating Seminar
BIOL 485 Internship, **or**
BIO 495 Advanced Independent Study, **or**
BIO 497 Advanced Independent Research
(can also be taken earlier in this plan of study **or** in the Spring semester of SENIOR year as needed)

14

SPRING

8th Semester: _____

HESC 201 Medical Terminology (*recommended*)
CORE/Elective
CORE/Elective
CORE/Elective
CORE/Elective

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*MATH 180 is recommended for students who do well in MATH 170

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.