



# UNIVERSITY OF SAINT JOSEPH

## Biology Pre-med/Pre-dental

### FALL

1<sup>st</sup> 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

2<sup>nd</sup> Semester: \_\_\_\_\_

BIOL 117 General Biology II  
CHEM 176 Fundamental Chemical Principles II  
BIOL 232 Science Communication  
INTD 116 First Year Seminar II  
INTD 135 Exploration of Careers in Health/Biomed  
SOCL 101 Introduction to Sociology

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### FALL

3<sup>rd</sup> Semester: \_\_\_\_\_

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

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### SPRING

4<sup>th</sup> Semester: \_\_\_\_\_

BIOL 250 Introduction to Biological Research  
CHEM 210 Organic Chemistry II  
MATH 180 Calculus II (*recommended*)\*  
BIOL 241 Anatomy and Physiology I  
CORE (COMP 117 or COMP 210)

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### FALL

5<sup>th</sup> Semester: \_\_\_\_\_

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

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### SPRING

6<sup>th</sup> Semester: \_\_\_\_\_

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

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### FALL

7<sup>th</sup> Semester: \_\_\_\_\_

BIOL 4XX Biology Capstone  
BIOL 350 Advanced Cellular Biology (every other fall)  
CORE/Elective  
BIOL 499 Coordinating Seminar  
BIOL 485/495/497 (Internship/Ind. Study/Research)

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### SPRING

8<sup>th</sup> 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.