<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
<th>Credits</th>
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</thead>
</table>
| **FALL** | **1st Semester:**  
BIOL 114 Introduction to Cellular Biology  
CHEM 175 Fundamental Chemical Principles I  
INTD 100 First Year Seminar I  
ENGL 104 or ENGL 110  
CORE | 17 |
| **SPRING** | **2nd Semester:**  
BIOL 117 Introduction to Evolution and Kingdoms  
BIOL 232 Science Communication  
CHEM 176 Fundamental Chemical Principles II  
INTD 100 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  
CORE (PSYC 100) | 15 |
| **SPRING** | **4th Semester:**  
BIOL 250 Introduction to Biological Research  
CHEM 210 Organic Chemistry II  
MATH 110 Elementary Statistics  
BIOL241 Anatomy and Physiology I  
CORE | 16 |
| **FALL** | **5th Semester:**  
BIOL 325 Genetics  
PHYS 130 Introductory Physics I  
BIOL242 Anatomy and Physiology II  
INTD 301 Mercy Integrative Seminar | 15 |
| **SPRING** | **6th Semester:**  
BIOL 301 Microbiology  
PHYS140 Introductory Physics II  
CORE  
CORE | 14 |
| **FALL** | **7th Semester:**  
BIOL Biology Capstone: BIOL 452 or 453 or 490  
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)  
BIOL 499 Integration Seminar  
CHEM 426 Biochemistry I  
CORE/Elective | 14 |
| **SPRING** | **8th Semester:**  
BIOL350 Advanced Cellular Biology  
CORE/Elective  
CORE/Elective  
CORE/Elective  
CORE/Elective | 16 |

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 academic advisor or Department/Major advisor every semester (and the USJ catalog) for the most up-to-date degree program requirements.