

**Biology / Pre-Medical Track**

Recommended Four-Year Plan (Fall 2015)

The recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. These plans are the recommended sequences of courses. **Students must meet with their Major Advisor to develop a more individualized plan to complete their degree.** This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan.

**NOTE:** This recommended Four-Year Plan is applicable to students admitted into the major during the 2015-2016 academic year.

First Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
BIOL 110 - Fundamentals of Biology I WI	4		BIOL 112 - Fundamentals of Biology II*\$	4	
CHEM 110 - Fundamentals of Chemistry I	4		CHEM 112 - Fundamentals of Chemistry II*	4	
Gen Ed: CRWT 102 - Critical Reading & Writing II	4		MATH 121 - Calculus I (or alternative Math)	4	
Gen Ed: INTD 101 - First Year Seminar	4		Gen Ed: History (HIST 101 suggested)	4	
<b>Total:</b>	16		<b>Total:</b>	16	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
BIOL 331 - Genetics*	4		BIOL 221 - General Ecology* or ENSC 210 - Theoretical & Field Ecology*	4	
CHEM 210 - Organic Chemistry I*	4		CHEM 212 - Organic Chemistry II*	4	
MATH 122 - Calculus II or PSYC 242 - Statistics or CMPS 147 - Computer Science I	4		Gen Ed: AIID 201 - Readings in Humanities	4	
Gen Ed: SOSOC 101- Social Issues	4		Gen Ed: Topics in Arts & Humanities or Topics in Social Science	4	
<b>Total:</b>	16		<b>Total:</b>	16	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
Advanced Bio Elective I	4		PHYS 112 - Fundamentals of Physics II*	4	
PHYS 110 - Fundamentals of Physics I	4		Advanced Bio Elective I (CHEM 426 – Biochemistry (Spring only))	4	
BIOL 406 - Cell & Molecular Biology* WI	4		Elective 1 (PSYC 101 - Intro to Psychology recommended)	4	
Gen Ed: International Issues	4		Gen Ed: Intercultural North America	4	
<b>Total:</b>	16		<b>Total:</b>	16	

Fourth Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
BIOL 356 – Evolution WI	4		Elective 4	4	
Elective 2	4		Elective 5	4	
Elective 3	4		Elective 6	4	
Science in Cultural Perspective	4		SCP 2 (if Calc I not taken) / Otherwise Elective 7	4	
<b>Total:</b>	16		<b>Total:</b>	16	

The General Education courses can be taken in any sequence, not necessarily what is suggested here.

**Total Credits Required:** 128 credits

**GPA:** 2.0

\* **This course has a pre-requisite. Please refer to the course catalog for information about pre-requisites.**

\$ **This course is lecture only.**

<sup>A</sup> **This course requires a CLM test for placement purposes.**

**WI-Writing Intensive-3 required in the major**