

Biology: Physical Therapy Track (Articulation)

Recommended Four-Year Plan (Fall 2010)

This 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 and degree completion may take longer.

NOTE: This recommended Four-Year Plan is applicable to students admitted into the major during the 2010-2011 academic year.

First Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
GenEd: INTD 101-First Year Seminar	4		BIOL 112-Fundamentals of Biology II*	4	
CHEM 110-Fundamentals of Chemistry I	4		CHEM 112-Fundamentals of Chemistry II*	4	
BIOL 110-Fundamentals of Biology I	4		GenEd: ENGL 180-College English	4	
MATH 110-Pre-Calculus or MATH 121-Calculus I**	4		GenEd: SOSC 101-Social Issues or MATH 121-Calculus I***	4	
Total:	16		Total:	16	

Summer Semester	HRS	✓
PSYC 101-Introduction to Psychology	4	
GenEd: SOSC 101-Social Issues***	4	
Total:	8	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
CHEM 210-Organic Chemistry I*	4		CHEM 212-Organic Chemistry II*	4	
BIOL 221-General Ecology* or ENSC 210-Theoretical & Field Ecology*	4		BIOL 331-Genetics*	4	
BIOL 214-Anatomy and Physiology I	4		BIOL 215-Anatomy and Physiology II	4	
GenEd: History	4		ENSC 345-Ecological Research Design & Statistics or PSYC 242-Statistics	4	
Total:	16		Total:	16	

Summer Semester	HRS	✓
Clinical Experience-See Dr. Rena Bacon G321 (rbacon@rampao.edu)	4	
Total:	4	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
PHYS 110-Fundamentals of Physics I	4		PHYS 112-Fundamentals of Physics II*	4	
BIOL 406-Cell & Molecular Biology*	4		BIOL 356-Evolution*	4	
AIID 201-Readings in Humanities	4		GenEd: International Issues	4	
School Core: Science In Cultural Perspective Course	4		GenEd: Intercultural North America	4	
Total:	16		Total:	16	

Total Credits Required: 128 credits

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

**This course requires a CLM test for placement purposes.

*** If needed.

This program is jointly offered by Ramapo College and the University of Medicine and Dentistry of New Jersey - School of Health Related Professions (UMDNJ-SHRP). The program will include three years (full-time) undergraduate education at Ramapo College followed by three years (full-time) of entry-level professional education at UMDNJ.