

**Biology: Physician’s Assistant Track (Articulation)**

Recommended Four-Year Plan (Fall 2017)

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 2017-2018 academic year.

First Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
Gen Ed: INTD 101-First Year Seminar	4		BIOL 112-Fundamentals of Biology II*	4	
CHEM 116- General Chemistry I	4		CHEM 117 – General Chemistry II*	4	
CHEM 116L – General Chemistry I Lab	1		CHEM 117L – General Chemistry II Lab	1	
BIOL 111 – Fundamentals of Biology I	4		MATH 121-Calculus I <sup>ABC</sup>	4	
BIOL 111L – Fundamentals of Biology I Lab	1		Gen Ed: SOSC 101-Social Issues	4	
Gen Ed: CRWT 102-Critical Reading & Writing II	4				
<b>Total:</b>	18		<b>Total:</b>	17	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
CHEM 206- Essentials of Organic Chemistry	4		BIOL 407 - Cell & Molecular Biology* WI	4	
CHEM 206L – Essentials of Organic Chemistry Lab	1		BIOL 407L – Cell & Molecular Biology Lab	1.5	
BIOL 332-Genetics*	4		BIOL 356-Evolution* WI	4	
BIOL 332L – Genetics Lab	1.5		Gen Ed: AIID 201-Readings in Humanities	4	
Gen Ed: International Issues	4		Gen Ed: Intercultural North America	4	
Gen Ed: History	4				
<b>Total:</b>	18.5		<b>Total:</b>	17.5	

Summer Semester	HRS	✓
Clinical Experience-See Dr. Rena Bacon G321 (rbacon@ramapo.edu)**	0	
<b>Total:</b>	0	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
PHYS 111-Fundamentals of Physics I	4		PHYS 113-Fundamentals of Physics II*	4	
PHYS 118L – Introductory Physics I Lab	1		PHYS 119L-Introductory Physics II Lab	1	
PSYC 101-Introduction to Psychology	4		BIOL 221-General Ecology	4	
BIOL 214-Anatomy & Physiology I	4		BIOL 216-Anatomy & Physiology II	4	
BIOL 214L-Anatomy & Physiology I Lab	1.5		BIOL 216L-Anatomy & Physiology II Lab	1.5	
PSYC 242-Statistics or ENSC 345 Research Design & Statistics	4		Gen Ed: Topics in Arts and Humanities or Topics in Social Science	4	
<b>Total:</b>	18.5		<b>Total:</b>	18.5	

<b>Fourth Year</b>
<b>Rutgers</b>

**Total Credits Required:** 128 credits

**Minimum GPA:** 3.2

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

\*\*Can also take Microbiology in the Summer semester in between First Year and Second Year

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

<sup>B</sup>If needed.

<sup>C</sup>If Pre-Calculus is needed then a Gen Ed must be taken over the Summer

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