RAMAPO COLLEGE OF NEW JERSEY

Biology: Physician's Assistant Track (Articulation)
Recommended Four-Year Plan (Fall 2019)

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 2019-2020 academic year.

First Year					
Fall Semester	**HRS**	✓	**Spring Semester**	**HRS**	✓
Gen Ed: INTD 101-First Year Seminar	4		BIOL 113-Fundamentals of Biology II*	4	
CHEM 116- General Chemistry I	4		BIOL 113L-Fundamentals of Biology II Lab*	1	
CHEM 116L – General Chemistry I Lab	1		CHEM 117 – General Chemistry II*	4	
BIOL 111 – Fundamentals of Biology I	4		CHEM 117L – General Chemistry II Lab	1	
BIOL 111L – Fundamentals of Biology I Lab	1		MATH 121-Calculus I^{ABC} or MATH 110-Precalculus	4	
Gen Ed: CRWT 102-Critical Reading & Writing II	4		Gen Ed: SOSC 110-Social Science Inquiry**	4	
			Career Pathways** Module 1: SCIN 001 (Career Assessment/Advisement) Visit Career Services Office in C-209		
Total:	18		**Total:**	18	

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* (WI)	4		BIOL 356-Evolution* (WI)	4	
BIOL 332L – Genetics Lab	1.5		Gen Ed: AIID 201-Studies in Arts and Humanities	4	
Gen Ed: Historical Perspectives **	4		Gen Ed: Distribution **	4	
Gen Ed: Global Awareness **	4		Career Pathways**Module 3:SCIN 003 (Interview Practice) Visit Career Services Office in C-209		
Career Pathways**Module 2: SCIN 002 (Resume/CV Writing) Visit Career Services Office in C-209					
Total:	18.5		**Total:**	17.5	

Summer Semester	HRS	✓
Clinical Experience-See Dr. Rena Bacon G321 (rbacon@ramapo.edu)**	0	
Total:	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: Distribution **	4	
Total:	18.5		**Total:**	18.5	

| **Fourth Year** |
| **Rutgers - SHP** |

Total Credits Required: 128 credits

Minimum GPA: 3.4

*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

^AThis course requires a CLM test for placement purposes.

^BIf needed.

^CIf Pre-Calculus is needed then a Gen Ed must be taken over the Summer

WI: Writing Intensive-3 required in the major

** Gen. Ed. courses can be taken in any sequence, not necessarily what is suggested here.