

## Clinical Laboratory Science

### 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. 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 may extend degree completion.

**NOTE:** This recommended Four-Year Plan is applicable to students admitted into the major during the 2017-2018 academic year. Please note the year and semester of each course due to course offerings

<b>First Year</b>					
<b>Fall Semester</b>	<b>HRS</b>	<b>✓</b>	<b>Spring Semester</b>	<b>HRS</b>	<b>✓</b>
Gen Ed: INTD 101-First Year Seminar	4		BIOL 216-Anatomy & Physiology II	4	
BIOL 214-Anatomy & Physiology I	4		BIOL 216L-Anatomy & Physiology II Lab	1.5	
BIOL 214L – Anatomy & Physiology I Lab	1.5		CHEM 117-General Chemistry II	4	
CHEM 116-General Chemistry I	4		CHEM 117L-General Chemistry II Lab	1	
CHEM 116L-General Chemistry I Lab	1		Gen Ed: SOSC 101-Social Issues	4	
Gen Ed: CRWT 102-Critical Reading & Writing II	4		Gen Ed: History: HIST 101-110	4	
<b>Total:</b>	<b>18.5</b>		<b>Total:</b>	<b>18.5</b>	

<b>Second Year</b>					
<b>Fall Semester</b>	<b>HRS</b>	<b>✓</b>	<b>Spring Semester</b>	<b>HRS</b>	<b>✓</b>
BIOL 332-Genetics (WI)	4		MATH 110-Pre-Calculus or MATH 121-Calculus I	4	
BIOL 332L-Genetics Lab	1.5		*BIOL 357-Immunology WI	4	
CHEM 206 – Essentials of Organic Chemistry			Gen Ed: Intercultural North America	4	
CHEM 206L – Essentials of Organic Chemistry Lab	1		Gen Ed: International Issues	4	
PSYC 242-Statistics or ENSC 345-Ecological Research Design & Statistics	4				
Gen Ed: AIID 201-Readings in Humanities	4				
<b>Total:</b>	<b>18.5</b>		<b>Total:</b>	<b>16</b>	

<b>Third Year</b>					
<b>Fall Semester</b>	<b>HRS</b>	<b>✓</b>	<b>Spring Semester</b>	<b>HRS</b>	<b>✓</b>
BIOL 407-Cell & Molecular Biology* WI	4		CHEM 425-Biochemistry	4	
BIOL 407L-Cell & Molecular Biology Lab	1.5		Elective	4	
BIOL 311-Microbiology	4		BIOL 349-Histology*	4	
BIOL 311L-Microbiology Lab	1.5		BIOL 349-Histology Lab	1	
Gen Ed: Topics in Arts & Humanities or Topics in Social Science or Free Elective	4		Elective	4	
<b>Total:</b>	<b>15</b>		<b>Total:</b>	<b>17</b>	

<b>Summer Semester</b>	
<b>Rutgers - School of Health Related Professions</b>	

<b>Fourth Year</b>	
<b>Fall Semester</b>	<b>Spring Semester</b>
<b>Rutgers - School of Health Related Professions</b>	

Summer Semester
Rutgers - School of Health Related Professions

**Total RCNJ Credits:** 103.5 credits

**GPA:** 2.85

\*These courses are offered on alternate years, which would require prior planning by student. Immunology on even years. Histology on odd years.

In case the course is offered in student's year 2, these courses should be taken then, and the Gen. Ed. Course can be taken in year 3.

NOTE: Student's application to SHRP is due in the fall of year 3, to start the program after the spring. (Rutgers Program is > 15 months, beginning in the summer of year 3.

Note: Three writing intensive courses are required in the major and /or school core. Consult with your advisor.