

Clinical Laboratory Science (Rutgers Articulation)
Recommended Four-Year Plan (Fall 2021)

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 2021-2022 academic year.

Please note the year and semester of each course due to course offerings

| First Year | | | | | |
|--|-------------|----------|--|---------------------|----------|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| 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 | |
| Gen Ed: Scientific Reasoning - CHEM 116 - General Chemistry I | 4 | | CHEM 117L - General Chemistry II Lab | 1 | |
| Gen Ed: Scientific Reasoning - CHEM 116L - General Chemistry I Lab | 1 | | Gen Ed: SOSC 110 - Social Science Inquiry | 4 | |
| Gen Ed: CRWT 102 - Critical Reading & Writing II | 4 | | Gen Ed: MATH 110 Precalculus | 4 | |
| | | | Career Pathways: PATH TS1 – Career Pathways Module 1 | Degree Rqmt. | |
| Total: | 18.5 | | Total: | 18.5 | |

| Second Year | | | | | |
|---|---------------------|----------|--|---------------------|----------|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| BIOL 332 - Genetics (WI) | 4 | | Gen Ed: Historical Perspectives | 4 | |
| BIOL 332L - Genetics Lab | 1.5 | | CHEM 425 - Biochemistry | 4 | |
| CHEM 206 - Essentials of Organic Chemistry | 4 | | BIOL 357 – Immunology (WI) | 4 | |
| CHEM 206L - Essentials of Organic Chemistry Lab | 1 | | Gen Ed: Culture & Creativity, Systems Sustainability & Society, or Values & Ethics** | 4 | |
| PSYC 242 - Statistics or ENSC 345 - Ecological Research Design & Statistics | 4 | | Career Pathways: PATH TS3 – Career Pathways Module 3 | Degree Rqmt. | |
| Gen Ed: AIID 201-Studies in Arts and Humanities | 4 | | | | |
| Career Pathways: PATH TS2 – Career Pathways Module 2 | Degree Rqmt. | | | | |
| Total: | 18.5 | | Total: | 16 | |

| Third Year | | | | | |
|------------------------------------|-------------|----------|---|-------------|----------|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| BIOL 311 - Microbiology * | 4 | | BIOL 407 - Cell and Molecular Biology | 4 | |
| BIOL 311L - Microbiology Lab | 1.5 | | BIOL 407L - Cell and Molecular Biology Lab (WI) | 1.5 | |
| Gen Ed: Global Awareness | 4 | | BIOL 349 - Histology | 4 | |
| CHEM 430 Experimental Biochemistry | 2 | | Gen Ed: Culture & Creativity, Systems Sustainability & Society, or Values & Ethics** (Must be outside of TAS) | 4 | |
| Elective | 4 | | CHEM Elective | 4 | |
| Total: | 15.5 | | Total: | 17.5 | |

| Summer Semester |
|---|
| Rutgers - School of Health Professions |

| Fourth Year | |
|---|------------------------|
| Fall Semester | Spring Semester |
| Rutgers - School of Health Professions | |

| Summer Semester |
|---|
| Rutgers - School of Health Professions |

Total RCNJ Credits: 104.5 credits

GPA: 2.85

* These courses are offered in alternate years, which would require prior planning by the student. Immunology is offered in even years; Histology in 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.