

Clinical Laboratory Science

Recommended Four-Year Plan (Fall 2012)

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 2012-2013 academic year.. Please note the year and semester of each course due to course offerings.

| First Year | | | | | |
|--------------------------------------|-----|---|---|-----|---|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| GenEd: INTD 101-First Year Seminar | 4 | | BIOL 215-Anatomy & Physiology II | 4 | |
| BIOL 213-Anatomy & Physiology I | 4 | | CHEM 112-Fundamentals of Chemistry II** | 4 | |
| CHEM 110-Fundamentals of Chemistry I | 4 | | GenEd: CRWT 102-Critical Reading & Writing II | 4 | |
| GenEd: SOSC 101-Social Issues | 4 | | GenEd: History | 4 | |
| Total: | 16 | | Total: | 16 | |

| Second Year | | | | | |
|---|-----|---|--|-----|---|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| BIOL 331-Genetics | 4 | | MATH 110-Pre-Calculus or MATH 121-Calculus I | 4 | |
| CHEM 205-Bio-Organic Chemistry | 4 | | BIOL 349-Histology | 4 | |
| PSYC 242-Statistics or ENSC 345-Ecological Research Design & Statistics | 4 | | GenEd: Intercultural North America | 4 | |
| GenEd: AIID 201-Readings in Humanities | 4 | | GenEd: International Issues | 4 | |
| Total: | 16 | | Total: | 16 | |

| Third Year | | | | | |
|---|-----|---|------------------------------------|-----|---|
| Fall Semester | HRS | ✓ | Spring Semester | HRS | ✓ |
| CHEM 425-Biochemistry | 4 | | BIOL 406-Cell & Molecular Biology* | 4 | |
| BIOL 310-Microbiology | 4 | | *BIOL 357-Immunology | 4 | |
| GenEd: Topics in Arts & Humanities or Topics in Social Science or Free Elective | 4 | | SCP Course | 4 | |
| Elective | 4 | | Elective | 4 | |
| Total: | 16 | | Total: | 16 | |

Total RCNJ Credits: 96 credits

GPA: 2.0

| Fourth Year | |
|---------------|-----------------|
| Fall Semester | Spring Semester |
| UMDNJ | |

*Concentration in Medical Lab Science requires Immunology; Cytology concentration requires Histology

**These courses are offered on alternate years, which would require prior planning by student.

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.

Student's application to UMDNJ-SHRP is due in the fall of year 3, to start the program after the spring. (UMDNJ Program is 15 months, beginning in the summer of year 3).