

|  | **School of Theoretical and Applied Science** |
| --- | --- |

 **Biology: Rutgers Physical Therapy 3+3 Track (Rutgers DPT Program)**

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. 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 2021-2022 academic year.

| **First Year** |
| --- |
| **Fall Semester** | **HRS** | **✓** | **Spring Semester** | **HRS** | **✓** |
| **Gen Ed:** HNRS 101- Honors First Year Seminar | 4 |  | BIOL 113-Fundamentals of Biology II\* | 4 |  |
| CHEM 116 General Chemistry I | 4 |  | BIOL 113L-Fundamentals of Biology 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 IABC  | 4 |  |
| Gen Ed: CRWT 102-Critical Reading & Writing II | 4 |  | **Gen Ed**: HNRS SOSC 110- Social Science Inquiry | 4 |  |
|  |  |  | Career Pathways: PATH TS1 - Career Pathways Module 1 | **DegreeRqmt.** |  |
| **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 221-General Ecology  | 4 |  |
| BIOL 332L-Genetics Lab\* WI | 1.5 |  | ENSC 345-Research Design and Statistics | 4 |  |
| **Gen Ed:** HNRS 201- Studies in the Arts & Humanities | 4 |  | **Gen Ed:** HNRS 325 – Honors Values and Ethics Seminar | 4 |  |
| Gen Ed: Historical Perspectives\*\* | 4 |  | Career Pathways: PATH TS3 - Career Pathways Module 3 | **DegreeRqmt.** |  |
| Career Pathways: PATH TS2 - Career Pathways Module 2 | **DegreeRqmt.** |  |  |  |  |
| **Total:** | 18.5 |  | **Total:** | 17.5 |  |

| **Summer Semester** | **HRS** | **✓** |
| --- | --- | --- |
| Clinical Experience-See Dr. Rena Bacon G309 (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 356-Evolution\* WI | 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 |  |
| **Gen Ed**: HNRS 220 – Honors Global Awareness Seminar | 4 |  | Gen Ed: Culture & Creativity OR Systems Sustainability & Society | 4 |  |
| **Total:** | 18.5 |  | **Total:** | 18.5 |  |

HNRS 499 – Honors Independent Study (2 or 4 credit)\*\*

| **Fourth Year** |
| --- |
| **Rutgers DPT Program** |

**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.**

**\*\*While we recommend students take the “Honors Independent Study” (HNRS 499) Fall of their senior year, they are free to take it anytime junior year, senior year, or summer between those two years.**

**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**