

## Medical Imaging Science (Rutgers School of Health Professions Articulation)

### Recommended Graduation Plan (Fall 2025)

This recommended graduation plan is designed to provide a blueprint for students to complete their degrees on time. Students must meet with their Academic Advisor to develop a more individualized plan to complete their degree.

NOTE: This recommended Graduation Plan is applicable to students admitted into the major during the 2025-2026 academic year

| CRWT Placement         |
|------------------------|
| CRWT 101 to CRWT 102   |
| CRWT 101S to CRWT 102S |

| Math Placement                       |
|--------------------------------------|
| MATH 021/022 to MATH 024 to MATH 110 |

**NOTE:** CRWT and MATH courses are determined by placement testing and should be taken following the sequence above.

| First Year                                                                                    |     |   |                                                                                            |                     |   |
|-----------------------------------------------------------------------------------------------|-----|---|--------------------------------------------------------------------------------------------|---------------------|---|
| Fall Semester                                                                                 | HRS | ✓ | Spring Semester                                                                            | HRS                 | ✓ |
| Gen Ed: INTD 101 - First Year Seminar                                                         | 4   |   | BIOL 113 - Fundamentals of Biology II *** & BIOL 113L - Fundamentals of Biology II Lab *** | 4+1                 |   |
| BIOL 111 - Fundamentals of Biology I (WI) *** & BIOL 111L - Fundamentals of Biology I Lab *** | 4+1 |   | CHEM 117 - General Chemistry II *** & CHEM 117L - General Chemistry II Lab ***             | 4+1                 |   |
| CHEM 116 - General Chemistry I *** & CHEM 116L - General Chemistry I Lab ***                  | 4+1 |   | Gen Ed: Quantitative Reasoning - MATH 121 - Calculus or MATH 110 - Precalculus             | 4                   |   |
| Gen Ed: CRWT 102 - Critical Reading & Writing II                                              | 4   |   | General Education Requirement                                                              | 4                   |   |
|                                                                                               |     |   | Career Pathways: PATH TS1 – Career Pathways Module 1                                       | <b>Degree Rqmt.</b> |   |
| <b>Total:</b>                                                                                 | 18  |   | <b>Total:</b>                                                                              | 18                  |   |

| Second Year                                                                                    |                     |   |                                                                                |                     |   |
|------------------------------------------------------------------------------------------------|---------------------|---|--------------------------------------------------------------------------------|---------------------|---|
| Fall Semester                                                                                  | HRS                 | ✓ | Spring Semester                                                                | HRS                 | ✓ |
| BIOL 214 - Anatomy & Physiology I*** & BIOL 214L - Anatomy & Physiology I Lab***               | 4+1.5               |   | BIOL 216 - Anatomy & Physiology II*** & BIOL 216L - Anatomy & Physiology II*** | 4+1.5               |   |
| CHEM 206 - Essentials of Organic Chemistry * & CHEM 206L - Essentials of Organic Chemistry Lab | 4+1                 |   | BIOL 332 - Genetics (WI) * & BIOL 332L - Genetics Lab                          | 4+1.5               |   |
| PSYC 242 - Statistics or ENSC 345 - Research Design and Statistics                             | 4                   |   | General Education Requirement                                                  | 4                   |   |
| General Education Requirement                                                                  | 4                   |   |                                                                                |                     |   |
| Career Pathways: PATH TS2 – Career Pathways Module 2                                           | <b>Degree Rqmt.</b> |   | Career Pathways: PATH TS3 – Career Pathways Module 3                           | <b>Degree Rqmt.</b> |   |
| <b>Total:</b>                                                                                  | 18.5                |   | <b>Total:</b>                                                                  | 15                  |   |

| Third Year               |     |   |                                                                                      |        |   |
|--------------------------|-----|---|--------------------------------------------------------------------------------------|--------|---|
| Fall Semester            | HRS | ✓ | Spring Semester                                                                      | HRS    | ✓ |
| CHEM 425 - Biochemistry* | 4   |   | BIOL 407 - Cell & Molecular Biology* (WI) & BIOL 407L - Cell & Molecular Biology Lab | 4+ 1.5 |   |

|                                                                                                                    |       |  |                                                                 |      |  |
|--------------------------------------------------------------------------------------------------------------------|-------|--|-----------------------------------------------------------------|------|--|
| PHYS 101- Physics for Non-Scientists or PHYS 111 - Fundamentals of Physics I & PHYS 118L- Introductory Physics lab | 4 - 5 |  | General Education Requirement                                   | 4    |  |
| General Education Requirement                                                                                      | 4     |  | Free Elective (minor, certificate, or second major requirement) | 4    |  |
| General Education Requirement                                                                                      | 4     |  | Biology WI Elective*                                            | 4    |  |
| <b>Total:</b>                                                                                                      | 16-17 |  | <b>Total:</b>                                                   | 17.5 |  |

**Total RCNJ Credits: 103.5 credits**

| Fourth Year   |                 |                 |
|---------------|-----------------|-----------------|
| Fall Semester | Spring Semester | Summer Semester |
| Rutgers       |                 |                 |

\* Students can choose Biochemistry or Cell & Molecular Biology or both. If only one is taken, the student needs to select another Biology course for their elective.

\*\* The sequence for the Gen. Ed. Courses is flexible and open to the student's discretion

\*\*\* a minimum grade of B is required for entry to the program

**WI: Writing Intensive-3 required in the major**

**Total RCNJ Credits: 103.5 credits**

**GPA – 3.0**

**General Education courses** can be done in any order with the exception of INTD 101, CRWT and MATH. Those three general education courses will need to be done first. First Year Seminar is taken in the first semester. Failure to complete CRWT and MATH will result in a hold when the student hits 64 credits. The following general education courses can be done in any order. For more info on these courses, please visit the [General Education program requirements website in the College Catalog](#):

- Social Science Inquiry (SOSC 110) [+W]
- Scientific Reasoning
- Historical Perspectives [+W]
- Studies in the Arts & Humanities (*CRWT 102 is a prerequisite to this course*) [+W]
- Global Awareness [+W]
- Distribution Category (Social Systems & Society **OR** Culture & Creativity **OR** Values and Ethics) (**Must be outside of TAS**)
- Distribution Category

+W: Students transferring in with 48 or more credits are waived from these general education requirements.

NOTE: Student's application to RUTGERS SHP is due in mid January of year 3, to start the program after the Fall of the senior year. (Rutgers Program is > 15 months, beginning in the Fall of year 4.)

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