

## Medical Imaging Science (Rutgers School of Health Professions Articulation): Sequence 1.1

### Recommended Graduation Plan (Fall 2024)

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 2024-2025 academic year.

CRWT Placement
CRWT 101 to CRWT 102
CRWT 101S to CRWT 102S

Math Placement
MATH 021/022 to MATH 024 to MATH 110-121

**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	✓
MATH 022- Transitional Mathematics	4 (0 earned)		MATH 024- Elementary Algebra Topics	4 (0 earned)	
CRWT 101 - Critical Reading & Writing I	4		Gen Ed: CRWT 102 - Critical Reading & Writing II	4	
Gen Ed: INTD 101 - First Year Seminar	4		BIOL 111 - Fundamentals of Biology I (WI)	4	
General Education Requirement	4		BIOL 111L - Fundamentals of Biology I Lab	1	
			CHEM 116 - General Chemistry I	4	
			CHEM 116L - General Chemistry I Lab	1	
			Career Pathways: PATH TS1 – Career Pathways Module 1	<b>Degree Rqmt.</b>	
<b>Total:</b>	16 (12 earned)		<b>Total:</b>	18 (14 earned)	

Summer Semester	HRS	✓
BIOL 113 - Fundamentals of Biology II *	4	
BIOL 113L - Fundamentals of Biology II Lab	1	
<b>Total:</b>	5	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
CHEM 117 - General Chemistry II	4		CHEM 206 - Essentials of Organic Chemistry *	4	
CHEM 117L - General Chemistry II Lab	1		CHEM 206L - Essentials of Organic Chemistry Lab	1	
Gen Ed: Quantitative Reasoning - MATH 110 - Precalculus	4		BIOL 216 - Anatomy & Physiology II***	4	
BIOL 214 - Anatomy & Physiology I***	4		BIOL 216L - Anatomy & Physiology II***	1.5	
BIOL 214L - Anatomy & Physiology I Lab***	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>	18.5	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
BIOL 332 - Genetics (WI) *	4		CHEM 425 - Biochemistry*	4	
BIOL 332L - Genetics Lab	1.5		BIOL 407 - Cell & Molecular Biology* (WI)	4	
PHYS 101- Physics for Non-Scientists or PHYS 111 - Fundamentals of Physics I & PHYS 118L- Introductory Physics lab	4 - 5		BIOL 407L - Cell & Molecular Biology Lab	1.5	
General Education Requirement	4		General Education Requirement	4	
General Education Requirement	4		Biology WI Elective*	4	
<b>Total:</b>	17.5-18.5		<b>Total:</b>	17.5	

**Total RCNJ Credits: 103.5 credits**

Fourth Year		
Fall Semester	Spring Semester	Summer Semester
<b>Rutgers</b>		

\* 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**

**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 (Systems, Sustainability, & 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.