

ACADEMIC RHODEMAP
BS in Medical Imaging, Radiologic Technology



RHODE ISLAND COLLEGE



Lifespan
School of Medical Imaging
Delivering health with care.

GENERAL EDUCATION: A complete listing of General Education courses can be found at the Office of Academic Support and Information Services (OASIS) or online at <http://www.ric.edu/recordsoffice/Pages/College-Catalog.aspx>; look at catalog for year you enrolled. For Gen Ed courses, aside from Second Language requirement, which varies depending on where you are placed, you need ONE course from each category. Second Language 101/102 options are: American Sign, Arabic, French, German, Italian, Japanese, Latin, Portuguese, or Spanish. For other ways to satisfy the second language requirement look under the Gen Ed. section of the catalog. All courses marked with an asterisk * have a prerequisite. Courses marked (F) offered Fall only; (Sp) Spring; (Su) Summer (some with session number included).

Academic Major Checklist	Course	Academic Major Checklist	Course
BIOL 108 Basic Principles of Biology*		RADT 306 Radiographic Procedures I (Sp)*	
BIOL 231 Human Anatomy*		RADT 307 Radiographic Procedures II (Su)*	
BIOL 335 Human Physiology*		RADT 309 Clinical Education I (Sp)*	
CHEM 105 General, Organic and Biological Chemistry I (Sp, Su)*		RADT 310 Clinical Education II (Su)*	
MATH 209 Precalculus Mathematics*		RADT 320 Principles of Radiography I (Sp)*	
PHYS 110 Introductory Physics		RADT 321 Principles of Radiography II (F)*	
COMM 338 Communication for the Health Professional (F)*		RADT 330 Radiation Physics I (Su)*	
MEDI 201 Orientation to Medical Imaging*		RADT 411 Clinical Education III (F)*	
MEDI 202 Introduction to Medical Imaging (F)*		RADT 412 Clinical Education IV (Sp)*	
MEDI 255 Patient Care Interventions for Allied Health (F)*		RADT 425 Ethics/Critical Thinking (F)*	
RADT 301 Introduction to Radiography (F)*		RADT 431 Radiation Physics II (Sp)*	
RADT 305 Skeletal Anatomy (Sp)*		RADT 461 Registry Review (Sp)*	
PLEASE NOTE THAT ENROLLMENT IN ANY RADT or MEDI COURSE ABOVE 201 REQUIRES FORMAL ADMISSION INTO THE RT CLINICAL PROGRAM			

This map is a semester-by-semester plan to help you toward graduation in four years, but includes two summers. Not everyone graduates in four years as it depends on how many courses you can take, how you do in those courses and when, or if, you are accepted into the clinical program. This map is not your only route; it is a suggestion. Many of the courses in this list have prerequisites that can only be fulfilled by following the suggested course sequence.

In the following tables, the column to the left suggests the ideal courses for you to take each semester. There are times when those courses may be full or unavailable the semester you plan to take them, in this case consider another course from a different semester with which you can switch. The column on the right has "Checkpoints" for each semester that show where you should be by the end of that semester. You should work from this map as you plan each semester's schedule with your advisor. You should plan to see your advisor in late September for the Spring Semester and in February for the Fall. The Map is designed primarily for freshmen coming to college for the first time, but transfer students may also use the RhodeMap with the understanding that they have most likely completed several requirements through transfer of credit, and will be starting further into the program. Maps assume a Fall start.

GRADUATION REQUIREMENTS: The following requirements must be completed by undergraduate degree candidates at Rhode Island College in order to graduate:

- General Education program, including a second language requirement
- College Math Competency (which is separate from the Gen Ed math requirement)
- College Writing Competency (satisfied by FYW with a minimum grade of C)
- Academic Major—see check chart.
- A minimum of 120 credit hours, with a minimum of 45 credit hours taken at RIC. Of the 45 credit hours, a minimum of 15 credit hours must be in the major (12 of which must be at the 300- or 400-level).
- A minimum overall grade point average of 2.70
- A minimum grade of C in all required courses

Approved by Program Director: Eric Hall Date 10 May 2016

Approved by Undergraduate Curriculum Committee: Date 5/11/2016

Revised: 7/11/2018

ACADEMIC RHODEMAP
BS in Medical Imaging, Radiologic Technology



RHODE ISLAND COLLEGE



Lifespan
School of Medical Imaging
Delivering health with care.

SEMESTER 1	CR	SEMESTER 1 CHECKPOINTS ✓
First Year Writing (FYW 100) or First Year Seminar (FYS 100).	4	<input type="checkbox"/> FYW 100P is a 6 credit option. To decide which FYW to take, see Directed Self-Placement test at www.ric.edu/firstyearwriting
CHEM 105 General, Organic and Biological Chemistry I (F, Sul)* satisfies Gen Ed Natural Science (NS) Lecture and Lab.	4	<input type="checkbox"/> Math competency MUST be completed in order to take ALL science courses. If not, will need to take MATH 010 this semester
BIOL 108 General Principles of Biology*	4	<input type="checkbox"/> Prereq. is Math competency; Minimum grade of C
Gen Ed--Second Lang 101 (based on placement, a course higher than 101/102 may be taken). If language requirement already satisfied: Any Gen Ed Distribution course.	4	<input type="checkbox"/> Language placement test with Dept. of Modern Languages (optional) <input type="checkbox"/> Complete Second Lang 101 (if needed)
Requirements and GPA		<input type="checkbox"/> Aim for 16 earned credits (While 12 is fulltime, 16 credits are preferred to stay on track to graduate in 4 years) <input type="checkbox"/> Minimum 2.7 GPA
# CREDITS EARNED	16	<input type="checkbox"/> Make appointment with advisor in Sept. to discuss your schedule for next semester

SEMESTER 2	CR	SEMESTER 2 CHECKPOINTS ✓
FYW 100 or FYS 100	4	<input type="checkbox"/> Complete FYS and FYW, for FYW, grade C or better
BIOL 231 Human Anatomy	4	<input type="checkbox"/> Prereq. BIOL 108 with C or better
MATH 209 Precalculus Mathematics (Gen Ed. Math)	4	<input type="checkbox"/> Prereq. MATH 120, or consent; Gen Ed- Math completed
Gen Ed--Second Lang 102* (if needed), or Gen Ed	4	<input type="checkbox"/> Complete Second Language 102*, grade C or better (if needed)
Requirements and GPA		<input type="checkbox"/> Aim for minimum of 32 earned credits <input type="checkbox"/> Minimum 2.7 GPA
# CREDITS EARNED	16	<input type="checkbox"/> Make appointment with advisor in Feb. to discuss your schedule for next semester

SEMESTER 3	CR	SEMESTER 3 CHECKPOINTS ✓
BIOL 335 Human Physiology (Gen Ed. AQ/SR)	4	<input type="checkbox"/> Prereqs are BIOL 108 with grade of C or better, and BIOL 231
MEDI 201 Orientation to Medical Imaging	1	<input type="checkbox"/> Prereqs are BIOL 231 and MATH 209 <input type="checkbox"/> Need to complete RADT 201, BIOL 231, MATH 209 with 47 credits prior to applying for RT clinical program. <input type="checkbox"/> Complete TEAS Exam
Gen Ed Distribution course from one of these GE categories: Arts (A); Literature (L); History (H), or Social and Behavioral Sciences (SB).	4	
Another Gen Ed Distribution course, or elective	4	<input type="checkbox"/> Cannot take a three credit course here
Elective	2	
Requirements and GPA		<input type="checkbox"/> Minimum of 2.7 GPA to apply for clinical program. <input type="checkbox"/> If applying for RT clinical program submit application form, official transcripts, and essay to Lifespan School of Medical Imaging by January 15. Aim for minimum of 48 earned credits,
# CREDITS EARNED	15	<input type="checkbox"/> Make appointment with advisor in Sept. to discuss your schedule for next semester

ACADEMIC RHODEMAP
BS in Medical Imaging, Radiologic Technology



RHODE ISLAND COLLEGE



Lifespan
School of Medical Imaging
Delivering health with care.

SEMESTER 4	CR	SEMESTER 4 CHECKPOINTS ✓
PHYS 110 Introductory Physics	4	
Choose 1 Connections course (Gen Ed-C)	4	<input type="checkbox"/> Prereqs are 45 completed credits and FYW and FYS.
Gen Ed Distribution course from one of these GE categories: Arts (A); Literature (L); History (H), or Social and Behavioral Sciences (SB).	4	
Gen Ed Distribution course, or elective	3-4	
Requirements and GPA		<input type="checkbox"/> Prior to applying for RT clinical program, complete all pre-clinical required courses with a grade of C or better: MEDI 201, BIOL 108, BIOL 231, BIOL 335, CHEM 105, MATH 209, and PHYS 110 <input type="checkbox"/> Maintain 2.7 minimum GPA <input type="checkbox"/> If applying for a medical imaging clinical program, consult with your advisor, write your essay, and submit your application through MyRIC by May 15.
# CREDITS EARNED	15-16	<input type="checkbox"/> Make appointment with advisor in Feb. to discuss your schedule for next semester

SEMESTER 5 (Clinical Freshman Fall I)	CR	SEMESTER 5 CHECKPOINTS ✓
MEDI 202 Introduction to Medical Imaging (F)*	1.5	<input type="checkbox"/> Prereq. MEDI 201 or RADT 201, and acceptance into a Medical Imaging clinical program
MEDI 255 Patient Care Interventions for Allied Health (F)*	1.5	<input type="checkbox"/> Prereq. MEDI 201 or RADT 201, and acceptance into a Medical Imaging clinical program
COMM 338 Communication for Health Professionals (F)*	4	<input type="checkbox"/> Prereq. MEDI 201 or RADT 201, 60 credits, and enrollment in Medical Imaging program
RADT 301 Introduction to Radiography (F)*	2	<input type="checkbox"/> Prereq. MEDI 201 or RADT 201 and admission into the MEDI-RT Clinical Program
Gen Ed Distribution course, or elective	3-4	<input type="checkbox"/> All ten GE courses and second lang. req. completed
Requirements and GPA		<input type="checkbox"/> Minimum grade of C in all clinical courses
# CREDITS EARNED	12-13	

SEMESTER 6 (Clinical Freshman Spring I)	CR	SEMESTER 6 CHECKPOINTS ✓
RADT 305 Skeletal Anatomy (Sp)*	3	<input type="checkbox"/> Prereq. RADT 201
RADT 306 Radiographic Procedures I (Sp)*	3	<input type="checkbox"/> Prereq. RADT 201
RADT 309 Clinical Education I (Sp)*	3	<input type="checkbox"/> Prereq. RADT 201
RADT 320 Principles of Radiography I (Sp)*	5	<input type="checkbox"/> Prereq. RADT 301
Requirements and GPA		<input type="checkbox"/> Minimum grade of C in all clinical courses
# CREDITS EARNED	14	<input type="checkbox"/> Make appointment with advisor in Sept. to discuss your schedule for next semester

ACADEMIC RHODEMAP
BS in Medical Imaging, Radiologic Technology



RHODE ISLAND COLLEGE



Lifespan
School of Medical Imaging

SEMESTER 7 (Clinical Senior Summer I)	CR	SEMESTER 7 CHECKPOINTS ✓
RADT 307 Radiographic Procedures II (Su)*	3	<input type="checkbox"/> Prereq. RADT 306
RADT 330 Radiation Physics I (Su)*	3	<input type="checkbox"/> Prereq. RADT 301
RADT 310 Clinical Education II (Su)*	8	<input type="checkbox"/> Prereq. RADT 309
Requirements and GPA		<input type="checkbox"/> Minimum grade of C in all clinical courses
# CREDITS EARNED	14	<input type="checkbox"/> Make appointment with advisor in Feb. to discuss your schedule for next semester

SEMESTER 8 (Clinical Senior Fall II)	CR	SEMESTER 8 CHECKPOINTS ✓
RADT 321 Principles of Radiography II (F)*	3	<input type="checkbox"/> Prereq. RADT 320
RADT 411 Clinical Education III (F)*	8	<input type="checkbox"/> Prereq. RADT 310
RADT 425 Ethics/Critical Thinking and Problem Solving (F)*	2	<input type="checkbox"/> Prereq. RADT 411
Requirements and GPA		<input type="checkbox"/> Minimum grade of C in all clinical courses
# CREDITS EARNED	13	

SEMESTER 9 (Clinical Senior Spring II)	CR	SEMESTER 8 CHECKPOINTS ✓
RADT 412 Clinical Education IV (Sp)*	6	<input type="checkbox"/> Prereq. RADT 411
RADT 431 Radiation Physics II (Sp)*	3	<input type="checkbox"/> Prereq. RADT 330
RADT 461 Registry Review (Sp)*	3	<input type="checkbox"/> Prereq. RADT 411
Requirements and GPA		<input type="checkbox"/> Minimum grade of C in all clinical courses <input type="checkbox"/> Need a minimum of 120 credits to graduate <input type="checkbox"/> Apply for graduation
# CREDITS EARNED	12	<input type="checkbox"/> Make appointment with advisor in Sept. to discuss your schedule for next semester

For more information, check the **BIOLOGY** Department website:
<http://www.ric.edu/biology/Pages/Medical-Imaging.aspx>

The total credit count for the major is 87 credits, and 40 credits for General Education, with possibly 8 more depending on secondary language needs. However, 12 Gen Ed. credits for M, NS, and AQSR will double-count, that makes the program total 115 credits, leaving room for 5 credits that may need to include secondary language courses, or can be electives.