



Associate of Science in Radiation Therapy - 2159

CAREER PATHWAY: [HEALTH SCIENCES](#)

Location(s): [General Education courses are offered at all BC locations. Program specific courses are only available at the North Campus.](#)

Program Entrance Requirements: The Associate of Science in Radiation Therapy is a limited access program. Admission to the college does not guarantee admission into the program. Students are required to complete a supplemental application and meet specific criteria. Please click [here](#) for more information.

Program Description: This program prepares individuals to successfully perform as a radiation therapist. Radiation therapists are vital members of a team of health professionals including a radiation oncologist (physician), physicist, dosimetrist, and oncology nurse. Some of the many functions of a radiation therapist include: assisting the radiation oncologist in localizing the tumor and simulating treatment parameters, treating patients with malignant diseases using ionizing radiation, monitoring patient's physical condition and response to treatment and recognizing treatment complications. Visit the program's [website](#) for additional information.

Additional Program Information: This Associate in Science degree program is a two-year program. Applicants must complete all of the AS General Education course requirements prior to the second year of the program. Radiation Therapy AS Program applicants who have criminal convictions or concerns must clear the ARRT ethics requirements through a pre-application review of eligibility process. The Pre-application Review of Eligibility process with the American Registry of Radiologic Technologists is done to avoid potential delays when applying to take the certification exam. Applicants should contact the ARRT directly at 651-687-0048 for further information.

In order to successfully progress through the AS Radiation Therapy Program, students must achieve a grade of "C" in all coursework. This requirement is in addition to maintaining an overall degree GPA of at least 2.0. Technical Certificates represents a subset of specific Health Science courses within degree programs, and are not awarded to students as a stand-alone certificate for employment purposes.

BUILD YOUR EDUCATION



RECOMMENDED GENERAL EDUCATION COURSE SEQUENCE

Full Time	Part Time	Course ID	Description	Credits	TC1	
	Term 1	ENC1101	College Composition I	3		
		BSC2085	Anatomy and Physiology I	3		
		BSC2085L	Anatomy and Physiology I Lab	1		
	Term 2	MAC1105 <u>OR</u> MAC1105C* <u>OR</u> MGF1106 <u>OR</u> STA2023	College Algebra <u>OR</u> College Algebra with Co-requisite <u>OR</u> Fundamentals of Mathematical Reasoning <u>OR</u> Statistics	3		
Term 1		GE Course	General Education Speech	3		
		PHI2010* <u>OR</u> REL2000* <u>OR</u> ARH2000* <u>OR</u> MUL2010	Philosophy # <u>OR</u> Introduction to Religion # <u>OR</u> Art Appreciation # <u>OR</u> Music Appreciation # <u>OR</u>	3		
		Term 3	BSC2086	Anatomy and Physiology I	3	
			BSC2086L	Anatomy and Physiology I Lab	1	
	CHM1032		Chemistry for the Health Sciences	3		
	PSY2012		General Psychology #	3		

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



REQUIRED CORE COURSE SEQUENCE

Apply to the Program (By March 30 th)		Students earn points by the successful completion of the select courses listed above. see Health Science Admission Criteria for additional details.			
Full Time	Course ID	Description	Credits	TC1	
Term 1	RAT1614	Introduction to Radiation Physics	2		
	RAT1210	Introduction to Radiation Therapy Anatomy	1		
Term 2	RAT1615	Radiation Therapy Medical Imaging	1		
	RAT1123	Radiation Therapy Patient Care	1		
	RAT1123L	Radiation Therapy Patient Care Lab	1		
	RAT1212	Radiation Therapy Imaging Anatomy	2		
Term 3	RAT1001	Introduction to Radiation Therapy	3	X	
	RAT1002	Introduction to Radiation Therapy Clinical	3	X	
	RAT1002L	Introduction to Radiation Therapy Clinical Lab	1	X	
	RAT1804	Clinical Education I	1	X	
Term 4	RAT2021	Principles of Radiation Therapy I	3	X	
	RAT2617	Advanced Radiation Physics I	3	X	
	RAT2023	Oncology I	4	X	
	RAT2243	Radiation Oncology Sectional Anatomy	3	X	
	RAT2814	Clinical Education II	3	X	
Term 5	RAT2022	Principles of Radiation Therapy II	3	X	
	RAT2024	Oncology II	4	X	
	RAT2618	Advanced Radiation Physics II	2	X	
	RAT2241	Radiobiology	3	X	
	RAT2824	Clinical Education III	3	X	
Term 6	RAT2061	Radiation Therapy Seminar	2	X	
	RAT2619	Dosimetry & Computer Treatment Planning	1	X	
	RAT2834	Clinical Education IV	1	TC1	
Total Credit Hours			77	43	

Notes: * MAC1105C is a 5-credit course. Students who register for this course must see an advisor to discuss their academic plan. Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. *Meets writing credits. #Other General Education courses may be substituted since these are only recommended courses, speak with your advisor for more information.

Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan.

CHOOSE YOUR COURSES

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



PROGRAM HIGHLIGHTS



CREDIT FOR PRIOR LEARNING

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...



RELATED INDUSTRY CERTIFICATIONS

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- American Registry of Radiologic Technologists (ARRT)



GET AN INTERNSHIP

After completing your first year of coursework make sure to visit the Career Center for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow.

[Get an Internship](#)

[Virtual Job Shadow Tool](#)



MEDIAN WAGE AND JOB GROWTH OUTLOOK

Broward College has **Career Coach!** It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training. Learn how to climb your career ladder!



FUND YOUR EDUCATION

This program is [Financial Aid](#) eligible. [Scholarships](#) may be available. This program is part of the [Career Source Broward ITA List](#).

GET STARTED TODAY!

START APPLICATION



BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U