



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: This is a limited access program. Students are required to complete a supplemental application and meet specific criteria. There are a limited number of students admitted to the program each year. Please click [here](#) for admission information.

Program Description: The Radiation Therapy Programs prepare 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. Clinical education is performed in Broward and Palm Beach County hospitals/clinics and is offered concurrently with the didactic courses. Visit 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. Upon completion of this degree program, the graduates are eligible to take the American Registry of Radiologic Technologists (ARRT) certification exam & subsequently apply to the state of Florida for licensure. In order to successfully progress through the AS Radiation Therapy Program, students must achieve a grade of "C" or above in all didactic courses and clinical courses and an "S" (satisfactory) grade in all laboratory courses. This requirement is in addition to maintaining an overall degree GPA of at least 2.0. 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.

Build Your Education

Radiation Therapy AS 2159

Bachelor of Applied Science

Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits		
Term 1	Term 1	ENC1101	College Composition I	3		
		BSC2085	Anatomy and Physiology I	3		
		BSC2085L	Anatomy and Physiology I Lab	1		
	Term 2	MGF1106 or MAC1105 or STA2023	Fundamentals of Mathematical Reasoning or College Algebra or Statistics		3	
			CGS1060C	Computer and internet Literacy	3	
Term 2	Term 3	SPC1024 or SPC1608	Speech Communication or Introduction to Public Speaking	3		
		PHI2010* or REL2000* or ARH2000 or MUL2010	Philosophy # or Introduction to Religion # or Art Appreciation # or Music Appreciation #	3		
		BSC2086	Anatomy and Physiology I	3		
		BSC2086L	Anatomy and Physiology I Lab	1		
		Apply to the Program (By March 29th)		Students earn points by the successful completion of the select courses listed above, see Health Science Admission Criteria for additional details.		
		Term 3	Term 4	RAT1112	Radiation Therapy Medical Imaging	1
				RAT1123	Patient Care and Ethics	1
RAT1123L	Radiation Therapy Patient Care Lab			1		
RAT1212	Radiation Therapy Imaging Anatomy			2		
RAT1614	Introduction to Radiation Physics Introduction to			2		
RAT1210	Radiation Therapy Anatomy			1		
PSY2012	General Psychology #			3		
Term 4	Term 5	RAT1001	Introduction to Radiation Therapy	1		
		RAT1002	Introduction to Radiation Therapy Clinical	2		
		RAT1002L	Introduction to Radiation Therapy Clinical Lab	1		
		RAT1515	Radiation Pharmacology	1		
		RAT1804	Clinical Education I	1		
Term 5	Term 6	RAT2021	Principles of Radiation Therapy I	2		
		RAT2617	Advanced Radiation Physics I	3		
		RAT2023	Oncology I	3		
		RAT2243	Radiation Oncology Sectional Anatomy	4		
		RAT2040	Radiation Oncology Law	1		
		RAT2814	Clinical Education II	3		
Term 6	Term 7	RAT2022	Principles of Radiation Therapy II	2		
		RAT2024	Oncology II	3		
		RAT2041	Radiation Oncology Ethics	1		
		RAT2618	Advanced Radiation Physics II	2		
		RAT2657	Quality Assurance/Quality Management	2		
		RAT2241	Radiobiology	2		
		RAT2824	Clinical Education III	3		
Term 7	Term 8	RAT 2061	Radiation Therapy Seminar	2		
		RAT2619	Dosimetry & Computer Treatment Planning	2		
		RAT2834 or RAT2905	Clinical Education IV or Independent Study*	2		
		Total Credit Hours			77	

Notes: 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. *Course requires approval of Associate Dean. #Other General Education courses may be allowable as these are recommended courses, speak with your advisor for more information. **This is only a recommended course sequence.** Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan.

CHOOSE YOUR COURSES

Program Highlights



Credit for Prior Learning: Accelerate your path to completion with these options:

- Credit by exam
 - Industry Certifications
 - Prior Learning Assessment
 - And much more...
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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)
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Externship Experiences: Students in this program will be a part of clinical courses providing them with the hands-on experience necessary to be successful in the field. 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](#) & the [Career Ladders](#). These tools are 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

