



## 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 (AS) degree 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	Term 2	GE Course	General Education Mathematics	3
			CGS1060c	Computer and internet Literacy	3
Term 2	Term 3	RAT1614	Introduction to Radiation Physics	2	
		RAT1210	Introduction to Radiation Therapy Anatomy	1	
		GE Course	General Education Humanities	3	
		BSC2086	Anatomy and Physiology I	3	
		BSC2086L	Anatomy and Physiology I Lab	1	
Term 3	Term 4	RAT1112	Radiation Therapy Medical Imaging	1	
		RAT1123	Patient Care and Ethics	2	
		RAT1212	Radiation Therapy Imaging Anatomy	2	
		SPC1024 or SPC1608	Intro to Speech Communication or Introduction to Public Speaking	3	
		GE Course	Social/Behavioral Science	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	RAT2619	Dosimetry & Computer Treatment Planning	3	
		RAT2834 or RAT2905	Clinical Education IV or Independent Study*	3	
		<b>Total Program Credit Hours</b>			<b>77</b>

**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

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

CHOOSE YOUR COURSES

## Program Highlights

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

- Credit by exam
  - 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)
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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.

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**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.

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**Fund Your Education:**

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

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Get Started Today!

START APPLICATION

