



RADIATION THERAPY, ASSOCIATE OF SCIENCE

Program Code: 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. (<https://www.broward.edu/about/locations/>)

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 (<http://www.broward.edu/admissions/Pages/Health-Sciences-Admissions.aspx>) 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 (<http://www.broward.edu/academics/programs/radiation/Pages/default.aspx>) 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.

- a. Radiation Therapy, Associate of Science 2159
- b. Bachelor of Applied Science

Course	Title	Credits
Recommended General Education Courses		
ENC1101	COMPOSITION I	3.00
BSC2085	HUMAN ANATOMY AND PHYSIOLOGY I	3.00
BSC2085L	HUMAN ANATOMY AND PHYSIOLOGY I LABORATORY	1.00
MAC1105	COLLEGE ALGEBRA	3.00
GE Course	General Education Speech	3.00
GE Course	General Education Humanities Core	3.00
BSC2086	HUMAN ANATOMY AND PHYSIOLOGY II	3.00
BSC2086L	HUMAN ANATOMY AND PHYSIOLOGY II LABORATORY	1.00
CHM1032	CHEMISTRY FOR HEALTH SCIENCES	3.00
AMH2020	HISTORY OF THE UNITED STATES SINCE 1877	3.00
or POS2041	NATIONAL GOVERNMENT	
Apply to the Program (By March 30th)		
Required Courses		
RAT1614	INTRO TO RADIATION THERAPY PHYSICS	2.00
RAT1210	INTRODUCTION TO RADIATION THERAPY ANATOMY	1.00
RAT1615	RADIATION THERAPY MEDICAL IMAGING	1.00
RAT1123	RADIATION THERAPY PATIENT CARE	1.00
RAT1123L	RADIATION THERAPY PATIENT CARE LAB	1.00
RAT1212	RADIATION THERAPY IMAGING ANATOMY	2.00
RAT1001	INTRODUCTION TO RADIATION THERAPY	3.00
RAT1002	INTRODUCTION TO RADIATION THERAPY CLINICAL APPLICATIONS	3.00

RAT1002L	INTRODUCTION TO RADIATION THERAPY CLINICAL APPLICATIONS LAB	1.00
RAT1804	CLINIC EDUCATION I	1.00
RAT2021	PRINCIPLES OF RADIATION THERAPY I	3.00
RAT2617	ADVANCED RADIATION PHYSICS I	3.00
RAT2023	RADIATION ONCOLOGY I	4.00
RAT2243	RADIATION ONCOLOGY SECTIONAL ANATOMY	3.00
RAT2814	CLINIC EDUCATION II	3.00
RAT2022	PRINCIPLES OF RADIATION THERAPY II	3.00
RAT2024	RADIATION ONCOLOGY II	4.00
RAT2618	RADIATION PHYSICS II	2.00
RAT2241	RADIOBIOLOGY	3.00
RAT2824	CLINIC EDUCATION III	3.00
RAT2061	RADIATION THERAPY SEMINAR	2.00
RAT2619	DOSIMETRY & COMPUTER TREATMENT PLANNING	1.00
RAT2834	CLINIC EDUCATION IV	1.00
Total Credits		77

¹ MAC1105C COREQUISITE COLLEGE ALGEBRA is a 5-credit course.

Notes: Students earn points by the successful completion of the select courses listed above, see Health Science Admission Criteria for additional details. (<http://www.broward.edu/admissions/Documents/HSPrequisites.pdf>)

See General Education course information here (<https://catalog.broward.edu/programs-study/aa-general-education-graduation-requirements/>).

In accordance with Florida Statute and Florida Administrative Code, students may need to satisfy the Civic Literacy Graduation Requirement. Visit the Civic Literacy Graduation Requirement page at broward.edu/civic-literacy (<https://students.broward.edu/resources/civic-literacy/>).

Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.

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 Employment Solutions (<https://broward.edu/career/>) for internship opportunities and helpful tools like virtual job shadow, to help take your career to the next level!

- Get an Internship (<http://broward.edu/studentresources/career/Pages/Find-a-job-or-internship.aspx>)
- Virtual Job Shadow Tool (<http://www.broward.edu/studentresources/career/Pages/default.aspx>)

Median Wage and Job Growth Outlook

Broward College has Career Coach (<https://www.broward.edu/careercoach/>)! 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.

Fund Your Education

This program is Financial Aid (<https://www.broward.edu/admissions/financial-aid/>) eligible. Scholarships (<https://www.broward.edu/admissions/financial-aid/scholarships/>) may be available. This program is part of the Career Source Broward ITA List (<http://careersourcebroward.com/>).

Program Learning Outcomes

Graduates from this program will:

- Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives for radiation therapy clinical procedures.
- Demonstrate breast tangent proficiency.
- Demonstrate the ability to communicate to the patient undergoing treatment all information necessary to alleviate the patient's apprehension regarding treatment.
- Competently communicate with clarity to a group of his / her peers.
- Demonstrate proficiency with professionalism in terms of service, clinical outcomes, and safety.

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MAC1105	COLLEGE ALGEBRA ¹	3.00
or MAC1105C	COREQUISITE COLLEGE ALGEBRA	
or MGF1106	FOUNDATIONS OF MATHEMATICAL REASONING	
or STA2023	STATISTICS	
GE Course	General Education Speech	3.00
GE Course	General Education Humanities Core	3.00
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