



RADIATION THERAPY (HOSPITAL-BASED), ASSOCIATE OF SCIENCE

Program Code: 21591

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 (Hospital-Based) 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 provides a means for graduates of an accredited hospital-based program to obtain an Associate in Science Degree in Radiation Therapy. To qualify for this program, applicants must be currently nationally registered as a Radiation Therapist by the ARRT (American Registry of Radiologic Technologist) and currently hold a valid license in the field. Visit the program's website (<http://www.broward.edu/academics/programs/radiation/Pages/default.aspx>) for additional information.

Additional Program Information

Students must complete a minimum of 20 general education and core credit hours at Broward College to satisfy residency requirements. To apply for experiential learning credit, students must provide a copy of current ARRT Registry. After the documentation has been reviewed and approved, students will be awarded 51 credits toward the program.

In order to successfully progress through the AS (Hospital-Based) 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.

- a. Registered Radiation Therapist (ARRT)
- b. Radiation Therapy (Hospital-Based), Associate of Science 21591
- c. 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 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
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 (Open Ended)		
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 (<https://students.broward.edu/resources/career/>)

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.

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.