

RADIOGRAPHY

Radiography Associate in Science Major Code 2131

Program Description

This degree program prepares students to practice as radiographers. Radiographers manipulate x-ray equipment and provide patient care to produce images of the tissues, organs, bones, and vessels of the body. Radiographers work closely with radiologists, who are the physicians responsible for interpreting medical images. Graduates are eligible to take the American Registry of Radiologic Technologists (ARRT) certification exam & subsequently apply to the state of Florida for licensure. The Radiography Program maintains regional accreditation through the Southern Association of Colleges and Schools.

All radiography classes exclusive of clinical assignments are taught on the A. Hugh Adams Central Campus, 3501 SW Davie Road, Davie, FL. Most of the courses in the program also contain an online component. Clinical assignments are scheduled in local hospitals. The clinical component includes some evening rotations during the second year of the program. For advisement about admission to this program, call 954 201-6694.

Note: All accepted applicants are guaranteed a clinical placement during the program. However, there are no guarantees that the clinical facility will be located close to the applicant's home. Students may have to drive up to one hour or more from their home to the clinical site for which they have been assigned. Students will rotate to three different clinical sites during the program.

The program is offered in Building 8 on Central Campus. Applicants should access admission information online at www.broward.edu/healthsciences or call 954-201-2890. For specific program information call the Program Manager at 954-201-6902.

Note: Program applicants who have criminal convictions should clear the ARRT ethics requirements through a pre-application review of eligibility process prior to starting the program. This review process with the ARRT is done to avoid potential denial of eligibility to take the exam or delays when applying to take the certification exam. Applicants should contact the ARRT directly at 651-687-0048 for further information.

Related Programs

Hospital Based Radiography Associate in Science Degree Major Code 21311 §

§Students can earn a degree from either 2131 or 21311, but not both programs.

Entrance Requirements

- HS Diploma or GED
- PERT

The PERT test places students into preparatory level reading, writing and math courses designed to prepare them for college-level coursework. Recent ACT or SAT score may also be used for placement. For more information, see <http://www.broward.edu/testing/>. Students who test into college prep courses must successfully complete all of the required coursework to qualify for graduation.

Criteria for Admission to the Radiography Program Associate in Science Degree

- Students must first gain admission to Broward College as described in the Admissions Procedures section of the College Catalog.
- Students must fulfill the Health Science Admission Requirements listed in the Health Science Programs and Policies section of the College Catalog.
- Students must complete (or transfer in from another school) pre-requisite courses with a "C" grade or higher prior to submitting a Health Science Limited Access Application to the Radiography Program. A minimum 2.5 degree GPA is required to apply to the program.
- Students must complete (or transfer in from another school/provider) the Pre-Health Science Core requirements prior to starting the program in August:
 - HCP 0001 (Health Careers Core Curriculum)
 - HSC 0405 (Basic Life Support (CPR) Students)
 - HSC 0522 (Tuberculosis/OSHA/Hepatitis For Students)
 - HSC 0591 (HIV/AIDS Students)
 - HSC 0691 (Domestic Violence For Students)
 - HSC 0692 (Prevention of Medical Errors)

Criteria for Student Selection

After satisfying the admission requirements, selection of students for the program will be based on a point system. Points will be awarded for the number of courses completed toward the AS Degree in Radiography. Only those courses required for the AS Degree in Radiography (exclusive of the prerequisite courses & pre-health science core requirements) will be used to award points. One point will be awarded for each course successfully completed with a minimum of a "C" (or "S") grade regardless of the number of credits. The points awarded for courses completed at BC or that are transferred in as equivalent are as follows:

1	BSC 1086 Anatomy & Physiology II	1 point
2	BSC 1086L Anatomy & Physiology II Lab	1 point
3	Humanities/Fine Arts Elective	1 point
4	Social/Behavioral Science Elective	1 point
5	SPC 1024 Intro to Speech Communications or SPC 1608 Public Speaking	1 point

*Health Occupations Students of America (HOSA) students who meet all of the application criteria will be awarded one (1) additional point.

Students with the highest point totals will be offered admission to the program. In the event of a tie, admission will additionally be based on date of application (first come, first serve). Students are therefore encouraged to apply as soon as possible. Applications are accepted from January through March. See the Health Science Program Prerequisites sheet located on the Health Science Admissions Web page for the exact date in January when applications will be accepted and the cut-off date in March. In the event that both points & date of application are identical, admission will be based on the student's degree GPA. Only those applications meeting the program selection criteria will be considered.

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RADIOGRAPHY
Radiography Associate in Science Major Code 2131 (continued)

Program Description

Incomplete applications or those received before students have completed the prerequisite courses will be returned to the applicant. There is no waiting list to get into the program. Those not admitted must reapply for the following year.

Students selected for the program will be notified by the Admissions Department via e-mail during the month of April. Those accepted will be required to attend a pre-admission session & accept or decline their place in the program. Students can defer entry into the program until the following year by request. However, such students must enter the program the following August. Those who do not enter the following year will have to reapply. **Students who do not attend the pre-admission session and/or contact Admissions to accept, decline or defer entry into the program will need to reapply for the following year.**

Requirements for Associate in Science Degree in Radiography

- Meet BC's graduation requirements as listed in the Academic Programs and Graduation Requirements section of the College Catalog.
- Complete the pre-requisite courses with a GPA of 2.5 or higher.
- Complete 77 credit hours as listed with a degree GPA of 2.0 or higher.
- Maintain no less than a "C" grade in all degree courses.

Note: In order to successfully progress through the Radiography Program, students must achieve all cognitive, affective, and psychomotor objectives. This requires a grade of "C" or above to be earned in all didactic courses and an "S" (satisfactory) grade in all clinical/laboratory courses. This is in addition to maintaining an overall degree GPA of at least 2.0.

Pre-requisite Courses

*ENC 1101	Composition I	3
HSC 1531	Medical Terminology	3
*BSC 1085	Anatomy and Physiology I	3
*BSC 1085L	Anatomy and Physiology I Lab	1
*MTB 1310	Applied Mathematics or	
*MAT 1033	Intermediate Algebra	3
CGS 1060C	Computer & Internet Literacy**	3
Total Semester Hours		16

First Year Term I

*RTE 1503	Radiographic Procedures I	3
*RTE 1503L	Radiographic Procedures I Lab	1
*RTE 1000	Introduction to Radiologic Technology	3
*RTE 1111	Patient Care, Law, & Ethics	2
*RTE 1804	Clinical Education I	2
Elective	Humanities/Fine Arts	3
Total Term Semester Hours		14

First Year Term II

*RTE 1513	Radiographic Procedures II	3
*RTE 1513L	Radiographic Procedures II Lab	1
*RTE 1418	Imaging I	2
*RTE 1418L	Imaging I Lab	1
*RTE 1613	Radiographic Physics	2
*RTE 1814	Clinical Education II	2
*BSC 1086	Anatomy and Physiology II	3
*BSC 1086L	Anatomy and Physiology II Lab	1
Total Term Semester Hours		15

First Year Term III, Sessions 1, 2 or 3

*RTE 1523	Radiographic Procedures III	2
*RTE 1523L	Radiographic Procedures III Lab	1
*RTE 1824	Clinical Education III	2
Total Term Semester Hours		5

Second Year Term I

*RTE 2533	Radiographic Procedures IV	2
*RTE 2457	Imaging II	2
*RTE 2457L	Imaging II Lab	1
*RTE 2385	Radiation Biology & Protection	2
*RTE 2834	Clinical Education IV	3
SPC 1024	Intro to Speech Communications or	
SPC 1608	Public Speaking	3
Total Term Semester Hours		13

Second Year Term II

*RTE 2623	Radiographic Equipment & Quality Assurance	3
*RTE 2130	Pharmacology & Venipuncture For Radiography	1
*RTE 2130L	Pharmacology & Venipuncture For Radiography Lab	1
*RTE 2782	Radiographic Pathology	1
*RTE 2844	Clinical Education V	3
Elective	Social/Behavioral Science	3
Total Term Semester Hours		12

Second Year Term III, Session 2

*RTE 2061	Radiography Seminar	1
*RTE 2854	Clinical Education VI	1
Total Term Semester Hours		2
Total Program Semester Hours		77

* Requires a pre- or co-requisite or proper score on placement test. Refer to the course descriptions found in this catalog or online at www.broward.edu.

** Students must fulfill the computer literacy general education requirements within the first 15 hours of BC credit by successfully completing the basic student technology test or pass the CGS1060C to earn the degree.

It is strongly recommended that students see an academic advisor or counselor every term.