RADIOGRAPHY, ASSOCIATE OF SCIENCE (AS)

Overview

The Radiography Program prepares a student for licensure as a radiographer. Graduates work in hospitals, imaging centers, and clinics where they take diagnostic X-rays for physician evaluation. Opportunities are available to train in Ultrasound, MRI, and CT (advanced procedures) after licensure. Graduates may also work in industry in the areas of quality control and research and development. CSU Northridge offers the BS degree in Radiography or Health Science.

Requirements

Associate Degree Graduation Requirements

Complete all of the following:

1. All Department Requirements listed below with a "C" or better or "P" in each course (at least 20% of the department requirements must be completed through SBCC).
2. One of the following three General Education options:
    a. OPTION 1: A minimum of 18 units of SBCC General Education Requirements (https://catalog.sbcc.edu/degrees-certificates-awards/#associatedegreestext) (Areas A-D) and Institutional Requirements (Area E) and Information Competency Requirement (Area F) OR
    b. OPTION 2: IGETC (https://catalog.sbcc.edu/transfer-curricula/#igetctext) Pattern OR
    c. OPTION 3: CSU GE Breadth (https://catalog.sbcc.edu/transfer-curricula/#csugebtext) Pattern
3. A total of 60 degree-applicable units (SBCC courses numbered 100 and higher).
4. Maintain a cumulative GPA of 2.0 or better in all units attempted at SBCC.
5. Maintain a cumulative GPA of 2.0 or better in all college units attempted.
6. A minimum of 12 units through SBCC.

Code	Title	Units
Department Requirements [1]		
AH 120	Medical Terminology [2]	1
RT 101	Introduction To Radiography	2.33
RT 102	Fundamentals of Radiographic Positioning and Procedures I	4
RT 103	Fundamentals Of Radiographic Positioning And Procedures II	4
RT 109	Principles of Radiographic Exposure	3
RT 111	Advanced Principles of Exposure	3
RT 119	Radiological Technology	3
RT 120	Patient Care in Radiography	3
RT 191	Radiographic Technology Clinical Practicum I	5
RT 191A	Radiographic Technology Clinical Practicum 1A	2.1
RT 192	Radiographic Technology Clinical Practicum 2	5
RT 202	Advanced Radiographic Procedures	3
RT 203	Radiology Certification Preparation	4
RT 220	Radiation Biology Protection	3
RT 230	Radiographic Pathology	3
RT 250	Principles and Applications of Cross-Sectional Anatomy in Imaging	2
RT 293	Radiographic Technology Clinical Practicum 3	7
RT 294	Radiographic Technology Clinical Practicum 4	8
RT 295	Radiographic Technology Clinical Practicum 5	8.6
Total Units		**74.03**

[1] Before entering the program applicants will be required to:
- Complete an application to the RT program
- Be eligible for MATH 107 and ENG 110 or 110H
- Complete RT 100 - Radiography and Health Care
- Attendance at Program Orientation Meeting
- Provide transcripts showing completion of BMS 107 (Human Anatomy) and BMS 108 (Human Physiology) with a grade of C or better
- Pay required badge and materials fee
- Pass a physical examination and current inmunizations
- Provide a current CPR card
- Pass criminal background check
- Pass a five panel drug screen

[2] HIT 135 Basic Medical Terminology has been approved by the Radiography Department as a possible substitute for AH 120 Medical Terminology.

Recommended Electives

Code	Title	Units
RT 251	Principles of Mammography and Procedures	2
RT 290	Work Experience in Radiography	1-4

Learning Outcomes

1. *Radiation Protection:* Students are able to apply the principles of radiation protection as required by the state and federal agencies.
2. *Equipment Operation and Quality Control:* Students are able to safely operate and perform quality control measurements on radiographic equipment.
3. *Image Production and Evaluation:* Students are able to evaluate radiographic images for proper anatomy, positioning and technical factors.
4. *Radiographic Procedures:* Students are able to perform radiographic procedures on various anatomical regions based on physical and pathologic conditions.
5. *Patient Care and Education:* Students are able to apply the principles of oral, written and verbal communication to effectively deliver patient care.

Recommended Sequence

Make an appointment with your SBCC academic counselor through Starfish to create a Student Education Plan that reflects a recommended course sequence for this program that is tailored to your individual needs.

How to schedule an Academic Counseling appointment (https://www.sbcc.edu/counselingcenter/counselingappointments.php).