

Radiography – Associate in Applied Science (RADI.AAS)

A radiographer is the allied health professional who uses ionizing radiation to image patients in hospitals and various clinical settings. Radiographers perform general x-ray imaging of the body and may also go on to perform advanced imaging procedures such as CT, MRI, mammography and more.

It is a two-year program leading to an Associate in Applied Science degree. The curriculum consists of integrated didactic and clinical course work in an approved clinical education affiliate. The program is designed to prepare the student for employment in the field of diagnostic radiography. Positions are located within hospitals, medical clinics and other diagnostic imaging institutions. Upon successful completion, students are eligible to write the American Registry of Radiological Technologists (ARRT) exams. Satisfactory completion of the ARRT board certifying exams allows the radiographer to use the initials of R.T. (R), Registered Technologist (Radiography).

There are special admission requirements to the radiography programs, and it is the student's responsibility to understand the requirements and adhere to them. Entry into a program is competitive and based on a point system. Point values are based on grades earned in prerequisite coursework and the interview process.

Applications are processed according to the following:

- Applications must be received by the Allied Health Office by January 31.
- Radiography Admission Committee conducts interviews.
- Students are notified by mail of application/interview results.
- Accepted students begin spring semester.

BIO 132 or BIO 253 and BIO 254, DMS 100, HOC 130 AND

MOA 120 must be completed successfully before applying to the program.

Minimum credits: 81

Minimum cumulative GPA: 2.0

Minimum grade in BIO 132 or BIO 253/254: 2.5

Minimum grade in DMS 100, HOC 130 and MOA 120: 3.0

Minimum grade in all courses: 2.0

Minimum Jackson College credits: 15

GENERAL EDUCATION REQUIREMENTS (21 CREDITS)

GEO 1: Write clearly, concisely and intelligibly (3 credits)

Take the following:

- ENG 131 Writing Experience I or
- ENG 132 Writing Experience II

GEO 2: Recognize the importance of effective communication in a dynamic and changing society (3 credits)

Choose one of the following:

- COM 231 Communication Fundamentals
- COM 240 Interpersonal Communication
- COM 250 Intercultural Communication
- HIS 211 Minority Groups in America
- HUM 131 Cultural Connections
- PHL 243 Great World Religions
- PLS 262 International Relations
- PSY 152 Social Psychology (or SOC 152 Social Psychology)
- SOC 246 Marriage & Family

GEO 3: Demonstrate computational skills and mathematical reasoning (4 credits)

Take the following:

- MAT 130 Quantitative Reasoning (or higher)

GEO 4: Demonstrate scientific reasoning (4-8 credits)

Choose one of the following:

*If not selecting BIO 132, take both BIO 253 & BIO 254 to satisfy requirements.

- BIO 132 Human Biology

- BIO 253 Human Anatomy & Physiology I AND
- BIO 254 Human Anatomy & Physiology II

GEO 5: Understand human behavior and social systems, and the principles which govern them (3 credits)

Take the following:

- PSY 130 General Psychology

GEO 6: Identify artistic, linguistic, and theoretical perspectives across the human experience (3 credits)

Choose one of the following:

- HUM 131 Cultural Connections
- ENG 249 African-American Literature

RADIOGRAPHY RELATED REQUIREMENTS (9 CREDITS)

Take the following:

- DMS 100 Introduction to Diagnostic Imaging
- HOC 130 Introduction to Health Occupations
- MOA 120 Medical Terminology

RADIOGRAPHY CORE REQUIREMENTS (52 CREDITS)

Take the following:

RAD	120	Radiographic Orientation
RAD	121	Radiographic Positioning I
RAD	125	Radiographic Positioning II
RAD	126	Clinical Practicum I
RAD	162	Clinical Practicum II
RAD	211	Clinical Practicum III
RAD	214	Clinical Practicum IV
RAD	219	Clinical Practicum V
RAD	160	Fundamentals of Radiologic Science
RAD	161	Radiographic Exposure
RAD	209	Cross-Sectional Imaging
RAD	212	Special Radiographic Studies
RAD	213	Radiobiology
RAD	218	Radiographic Pathology