

# B.S. Radiographic Science

## Program Admissions Requirements

Admission to the Radiographic Science Program is competitive. Students will be evaluated using the grade point average of the required General Education and Prerequisite Courses. A minimum grade point average of 3.0 is required to apply. Procedures for admission to the program include:

1. Complete procedures for admission to the university.
2. Complete and return the radiographic science application form and required fee.
3. Complete the required General Education and Prerequisite courses.
4. Submit official transcripts of all college and/or university courses completed.

## Application Deadline

The above admission procedures must be completed and received by the Radiographic Science Program by **May 15th** of the year the student is seeking admission. If the 15th falls on a weekend or holiday, the application must be received by the Friday preceding the deadline date. The first professional year begins in the fall semester.

## Prerequisite Courses

Code	Title	Credits
<b>Choose one of the following sequences:</b>		
BIOL 2227 & 2227L	Human Anatomy and Physiology 1 and Human Anatomy and Physiology 1 Lab (Partially satisfies General Education Objective 5)	8
BIOL 2228 & 2228L	Human Anatomy and Physiology 2 and Human Anatomy and Physiology 2 Lab	
<b>OR</b>		
BIOL 3301 & 3301L	Advanced Human Anatomy and Physiology 1 and Advanced Human Anatomy and Physiology 1 Lab	
BIOL 3302 & 3302L	Advanced Human Anatomy and Physiology 2 and Advanced Human Anatomy and Physiology 2 Lab	
CHEM 1101	Introduction to Chemistry (Partially satisfies General Education Objective 5)	3
COMM 1101	Fundamentals of Oral Communication (Satisfies General Education Objective 2)	3
HCA/MGT 4475	Health Law and Bioethics	3
CPH/HCA 2210	Medical Terminology and Communication	2
INFO 1101	Digital Information Literacy (Satisfies General Education Objective 8)	3
MATH 1143	Precalculus I: Algebra (Satisfies General Education Objective 3)	3
MATH 1153	Statistical Reasoning (Satisfies General Education Objective 3)	3
PHYS 1100	Essentials of Physics (Partially satisfies General Education Objective 5)	4

RS 1105	Introduction to Radiographic Science	1
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**Choose one of the following tracks to fulfill at least 9 credits** **9**

### Health Care Administration Emphasis

ACCT 3303	Accounting Concepts
MGT 3312	Individual and Organizational Behavior
MGT 4473	Human Resource Management

### Spanish for Health Professionals Emphasis

Students utilizing SPAN courses to satisfy the university's Objective requirement are required to complete a total of nine distinct credits from the options listed below.

SPAN 1102	Elementary Spanish II (Requires SPAN 1101)
SPAN 2210	Spanish for Health Care I (Requires SPAN 2201 or SPAN 2221 or SPAN 2265)
SPAN 2211	Spanish for Health Care II (Requires SPAN 2210)

### Anthropology Emphasis (Choose 3 classes. \*Completing 3 of the 4 earns a certificate)

ANTH 3334	Forensic Anthro - Beyond Bones
ANTH 4407	Anthropology of Global Health *
ANTH 4408	Topics in Medical Anthropology *
ANTH 4409	Clinical Medical Anthropology *
ANTH 4411	Advanced Global Health *
ANTH 4432	Human Osteology *

### Informatics Emphasis (\*\*Completing all 3 courses earns a certificate)

INFO 4150	Information Systems and Controls **
INFO 4380	Networking and Cybersecurity **
INFO 4480	Systems Administration and Cloud Computing **

### Research Emphasis

LLIB 1125	Introduction to Health Information Research (Satisfies General Education Objective 8)
CMP 3309	Communication Inquiry
ENGL 3307	Professional and Technical Writing

**Students must earn a C- or better in all courses required for admission to the Radiographic Science program.**

<b>Total Credits</b>	<b>42</b>
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## \* Academic Certificate in Medical Anthropology

\*\*Academic Certificate in Information Systems

## General Education

The listing below includes program requirements that also fulfill General Education requirements.

Code	Title	Credits
Objective 1		6
Objective 2 - COMM 1101		3

Objective 3 - MATH 1153 <sup>1</sup>	3
Objective 4	6
Objective 5 - PHYS 1100, CHEM 1101	7
Objective 6	6
<b>Students must fulfill Objective 7 or Objective 8</b>	<b>3</b>
Objective 7	
Objective 8 - INFO 1101	
Objective 9	3
<b>Total Credits</b>	<b>37</b>

<sup>1</sup> "P" courses are equivalent to the original course.

## Major Requirements

Code	Title	Credits
RS 3300	Radiologic Physics and Equipment	3
RS 3310	Radiographic Methods I	2
RS 3311	Radiographic Methods II	2
RS 3312	Radiographic Methods III	2
RS 3325	Patient Care in Radiography	3
RS 3330	Radiographic Exposure	3
RS 3330L	Radiographic Exposure Lab	0
RS 3340	Laboratory Practicum I	1
RS 3341	Laboratory Practicum II	1
RS 3342	Laboratory Practicum III	1
RS 3375	Pediatric Radiography	1
RS 3388	Radiobiology and Radiation Protection	2
RS 3389	Applied Radiography I	4
RS 3390	Applied Radiography II	4
RS 4410	Cross-Sectional Anatomy	2
RS 4521	Computed Tomography I	1
RS 4430	Radiologic Pathology	2
RS 4440	Leadership in Medical Imaging	1
RS 4441	Advanced Radiographic Methods I	1
RS 4450	Introduction to Evidence-Based Research	2
RS 4455	Alternate Imaging Modalities	1
RS 4460	Introduction to Radiographic Quality Management	1
RS 4465	Radiographic Image Analysis	1
RS 4470	Advanced Radiographic Exposure	2
RS 4475	Registry Review	2
RS 4488	Applied Radiography III	5
RS 4489	Applied Radiography IV	6
RS 4490	Applied Radiography V	6

**Students must earn a C- or better in all courses required for the Radiographic Science program.**

<b>Total Credits</b>	<b>62</b>
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## Degree Totals

Code	Title	Credits
	Program Admission Requirements (Required General Education credits removed)	26
	General Education	37
	Major Requirements	62
	Free Electives	0
<b>Total Credits</b>		<b>125</b>

ISU Degree Requirements (<http://coursecat.isu.edu/undergraduate/degree requirements/>)

ISU General Education (<http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation/>)

Major Academic Plan (MAP) (<https://www.isu.edu/advising/maps/>)

Students must be accepted into the Radiographic Sciences major to take these courses. All upper division RS courses require admittance to the program for enrollment.