

## Radiologic Science +80331

Radiography is a science combining advanced technology and human compassion. Radiographers use their knowledge of physics, human anatomy and physiology to create radiographic images. Radiologic services are offered in various healthcare settings. For more information on this educational program select the corresponding link at [www.kilgore.edu/rad-science](http://www.kilgore.edu/rad-science).

Prerequisite Semesters		
Course		Semester Hours
MDCA 1313	Medical Terminology*	3
ENGL 1301	Composition I*	3
BIOL 2401	Human Anatomy and Physiology I* Å§	4
BIOL 2402	Human Anatomy and Physiology II* Å§	4
MATH ....	MATH 1332 or MATH 1342 or higher*	3
PSYC 2314	Lifespan Growth and Development*	3
.....	Humanities/Fine Arts Elective*	3
		23
First Year		
First Semester		
Course		Semester Hours
RADR 1201	Introduction to Radiography	2
RADR 1203	Patient Care	2
RADR 1411	Basic Radiographic Procedures	4
		8
Second Semester		
Course		Semester Hours
RADR 1266	Practicum 1-Radiologic Science-Radiographer	2
RADR 2309	Radiographic Imaging Equipment	3
RADR 1313	Principles of Radiographic Imaging I	3
		8
First Summer Term		
Course		Semester Hours
RADR 2217	Radiographic Pathology	2
RADR 1166	Practicum 2-Radiologic Science-Radiographer	1
		3
Second Summer Term		
Course		Semester Hours
RADR 1202	Radiographic Imaging Evaluation	2
RADR 1167	Practicum 3-Radiologic Science-Radiographer	1
		3
Second Year		
First Semester		
Course		Semester Hours
RADR 2313	Radiation Biology and Protection	3
RADR 2366	Practicum 4-Radiologic Science-Radiographer	3
RADR 2331	Advanced Radiographic Procedures	3
		9
Second Semester		
Course		Semester Hours

RADR 2233	Advanced Medical Imaging	2
RADR 2205	Principles of Radiographic Imaging II	2
RADR 2367	Practicum 5-Radiologic Science-Radiographer	3
		7
First Summer Term		
Course		Semester Hours
RADR 2235	Radiologic Technology Seminar**	2
RADR 2167	Practicum 6-Radiologic Science-Radiographer	1
		3
		Total Hours 64

+ Course of study identification number.

\* Pre-admission courses can be taken prior to admission to the Radiologic Science Program.

Â§ Course requires a prerequisite course.

\*\* Capstone Experience.

**Note:** Successful program completion satisfies the educational requirement for eligibility to sit for the national certification examination in Radiography offered by the American Registry of Radiologic Technologists (ARRT). Prospective students should submit a Radiologic Science application. Students must have their own transportation to assigned off-campus clinical sites. Science courses must be current (taken within the past seven years). A grade of "C" or higher is required in all math, science, and RADR courses. A student who completes the required courses with an overall average of "C" or higher satisfies the requirements to receive an Associate of Applied Science degree.

**RADR Academic (Didactical) Grading Scale:**

100-92: A

91-83: B

82-75: C

74-67: D

Below 67: F

**RADR Clinical Grading Scale:**

100-94: A

93-87: B

86-80: C

79-70: D

69 & Below: F