



RADIOLOGIC SCIENCE: PRE ADMISSION CAREER PATHWAY MAP

✓	RECOMMENDED COURSE SEQUENCE	Core Area shown on page 2	SEMESTERS OFFERED	MY PLAN (Semester and Year)	CREDIT HOURS
☐	1. ENGL 1301 Composition I**!	Core Comm !	F, Sp, Su		3
☐	2. MUSI 1306 Music Appreciation**!	Core Arts +	F, Sp, Su		3
☐	3. MATH 1332 Contemporary Mathematics**!	Core Math @	F, Sp, Su		3
☐	4. MDCA 1313 Medical Terminology**!		F, Sp, Su		3
☐	5. SPCH 1315 Public Speaking	Core Comp 1 &			3
					15 hours
☐	6. BIOL 2404 Anatomy and Physiology	Core Comp 2 <	F, Sp, Su		4
☐	7. RADR 1201 Intro to Radiography**!		F, Sp, Su		2
☐	8. BIOL 2401 Human Anatomy and Physiology I**!	Core Science #	F, Sp, Su		4
☐	9. PSYC 2314 Lifespan Growth and Development**!	Core S&B /	F, Sp, Su		3
☐	10. RADR 2209 Radiographic Imaging Equipment**!		F, Sp, Su		2
					30 hours
☐	11. BIOL 2402 Human Anatomy and Physiology II**!	Core Science #	F, Sp, Su		4
☐	12. ENGL 2311 Technical and Business Writing	Core Comm !	F, Sp, Su		3
☐	13. KINE 1306 Safety-First Aid		F, Sp, Su		3
☐	14. GOVT 2305 Federal Government	Core Govt ^	F, Sp, Su		3
☐	15. PHIL 2306 Introduction to Ethics	Core LP&C \$	F, Sp, Su		3
					46 hours
☐	16. HIST 1301 United History I	Core History %	F, Sp, Su		3
☐	17. GOVT 2306 Texas Government	Core Govt ^	F, Sp, Su		3
☐	18. HIST 1302 United History II	Core History %	F, Sp, Su		3
☐	19. ENGL 1302 Composition II	Core Comm !	F, Sp, Su		3
☐	20. MDCA 1205 Medical Law and Ethics		F, Sp		2
*** [ASSOCIATES OF ART] ***					60 hours
NOTE: Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.					

CAREER OPPORTUNITIES

Career Options: Radiography, Computed Tomography, Nuclear Medicine, Radiologist Registered Assistant, Magnetic Resonance Imaging, Radiation Therapy, Cardiac Interventional Radiography, Vascular Interventional Radiography, Bone Densitometry, Mammography
Some credentials require formal education beyond entry level for eligibility.

Salary Information: <https://www.radiologyschools411.com/salaries/>

ADVANCED DEGREES/CREDENTIAL OPPORTUNITIES

*Associates of Science in Radiologic Science *Bachelor of Science in Radiologic Science * Master of Science in Radiologic Science

LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

The American Society of Radiologic Technologists (ASRT): <https://www.asrt.org/main/careers/careers-in-radiologic-technology>

The American Registry of Radiologic Technologists (ARRT): <https://www.arrt.org/about/credential-options>

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READ ALL NOTES CAREFULLY:

- Courses in **bold** have a pre-requisite (previous course required). [See Catalog](#)
- Courses in *italics* can be taken in any order.
- ENGL 1301 and the first MATH class may require a co-requisite and/or developmental course depending on TSI Scores.
- Refer to [KC Catalog](#) for Field of Study and Degree Requirements.

* Refer to Core Curriculum and KC Catalog for all possible course options.

** ! Courses are required for Rad Science AAS Degree. Completion of these allow students to be more competitive in the application process for admittance to the Radiologic Science Program.

*** Students must be accepted to and successfully complete the AAS degree requirements to be eligible to obtain the appropriate ARRT and TMB credentials required for entry into the career field

Kilgore College Core Curriculum

! Communication (6 hours)

[ENGL 1301 \(T\) - Composition I](#) *AND*
[ENGL 1302 \(T\) - Composition II](#) *OR*
[ENGL 2311 \(T\) - Technical and Business Writing](#)

@ Mathematics (3 hours)

[MATH 1314 \(T\) - College Algebra](#)
[MATH 1316 - Plane Trigonometry](#)
[MATH 1324 \(T\) - Mathematics for Business and Social Sciences](#)
[MATH 1325 \(T\) - Calculus for Business and Social Sciences](#)
[MATH 1332 \(T\) - Contemporary Mathematics](#)
[MATH 1342 \(T\) - Elementary Statistical Methods](#)

[MATH 1350 \(T\) - Mathematics for Teachers I](#)
[MATH 2412 \(T\) - Pre-Calculus Math](#)
[MATH 2413 \(T\) - Calculus I](#)
[MATH 2414 \(T\) - Calculus II](#)
[MATH 2415 \(T\) - Calculus III](#)

Life and Physical Sciences (6 hours)

[BIOL 1406 \(T\) - Biology for Science Majors I](#)
[BIOL 1407 \(T\) - Biology for Science Majors II](#)
[BIOL 1408 \(T\) - Biology for Non-Science Majors I](#)
[BIOL 1409 \(T\) - Biology for Non-Science Majors II](#)
[BIOL 2401 \(T\) - Human Anatomy and Physiology I](#)
[BIOL 2402 \(T\) - Human Anatomy and Physiology II](#)
[BIOL 2404 \(T\) - Anatomy & Physiology](#)
[BIOL 2406 \(T\) - Environmental Biology](#)
[ENVR 1401 \(T\) - Environmental Science I](#)
[CHEM 1405 \(T\) - Introductory Chemistry I](#)
[CHEM 1406 \(T\) - Introductory Chemistry I \(allied health emphasis\)](#)
[CHEM 1411 \(T\) - General Chemistry I](#)
[CHEM 1412 \(T\) - General Chemistry II](#)

[GEOL 1301 \(T\) - Earth Sciences for Non-Science Majors I \(lecture only\)](#)
[GEOL 1403 \(T\) - Physical Geology](#)
[GEOL 1404 \(T\) - Historical Geology](#)
[GEOL 1405 \(T\) - Environmental Science](#)
[PHYS 1303 \(T\) - Stars and Galaxies \(lecture only\)](#)
[PHYS 1401 \(T\) - College Physics I](#)
[PHYS 1402 \(T\) - College Physics II](#)
[PHYS 1403](#)
[PHYS 1404 \(T\) - Solar System](#)
[PHYS 1405 \(T\) - Elementary Physics I](#)
[PHYS 2425 \(T\) - University Physics I](#)
[PHYS 2426 \(T\) - University Physics II](#)

\$ Language, Philosophy & Culture (3 hours)

[ENGL 2322 \(T\) - British Literature I](#)
[ENGL 2323 \(T\) - British Literature II](#)
[ENGL 2326 \(T\) - American Literature](#)
[ENGL 2332 \(T\) - World Literature I](#)
[ENGL 2333 \(T\) - World Literature II](#)
[HIST 2311 \(T\) - Western Civilization I](#)
[HIST 2312 \(T\) - Western Civilization II](#)
[HIST 2321 \(T\) - World Civilizations I](#)
[HIST 2322 \(T\) - World Civilizations II](#)
[PHIL 1301 \(T\) - Introduction to Philosophy](#)
[PHIL 2306 \(T\) - Introduction to Ethics](#)

+ Creative Arts (3 hours)

[ARTS 1301 \(T\) - Art Appreciation](#)
[ARTS 1303 \(T\) - Art History I](#)
[ARTS 1304 \(T\) - Art History II](#)
[DANC 2303 \(T\) - Dance Appreciation](#)
[DRAM 1310 \(T\) - Theatre Appreciation](#)
[DRAM 2362](#)
[DRAM 2366 \(T\) - Film Appreciation](#)
[MUSI 1306 \(T\) - Music Appreciation](#)
[MUSI 1307 \(T\) - Music Literature](#)

% American History (6 hours)

[HIST 1301 \(T\) - United States History I](#)
[HIST 1302 \(T\) - United States History II](#)

/ Social and Behavioral Sciences (3 hours)

[ECON 2301 \(T\) - Principles of Macroeconomics](#)
[ECON 2302 \(T\) - Principles of Microeconomics](#)
[GEOG 1303 \(T\) - World Regional Geography](#)
[PSYC 2301 \(T\) - General Psychology](#)
[PSYC 2314 \(T\) - Lifespan Growth and Development](#)
[SOCI 1301 \(T\) - Introductory Sociology](#)
[SOCI 1306 \(T\) - Social Problems](#)
[TECA 1354 \(T\) - Child Growth and Development](#)

^ Government/Political Science (6 hours)

[GOVT 2305 \(T\) - Federal Government](#)
[GOVT 2306 \(T\) - Texas Government](#)

& Component Area Option 1 (3 hours)

[SPCH 1315 \(T\) - Public Speaking](#)
[SPCH 1318 \(T\) - Interpersonal Communication](#)

< Component Area Option 2 (3 hours)

Any additional course listed in the core curriculum above
or [BCIS 1305](#) or [MATH 1351](#) or [EDUC 1300](#)