



RADIOLOGIC SCIENCE CAREER PATHWAY MAP

✓	RECOMMENDED COURSE SEQUENCE	General Ed. Area shown on page 2	SEMESTERS OFFERED	MY PLAN (Semester and Year)	CREDIT HOURS
☐	1. MDCA 1313 Medical Terminology		F, Sp, Su		3
☐	2. ENGL 1301 Composition I		F, Sp, Su		3
☐	3. BIOL 2401 Human Anatomy and Physiology I	GE NS&M @	F, Sp, Su		4
☐	4. BIOL 2402 Human Anatomy and Physiology II	GE NS&M @	F, Sp, Su		4
☐	5. MATH 1332* Contemporary Mathematics	GE NS&M @	F, Sp, Su		3
☐	6. PSYC 2314 Lifespan Growth and Development	GE S&B \$	F, Sp, Su		3
☐	7. MUSI 1306* Music Appreciation	GE H&FA !	F, Sp, Su		3
☐	8. RADR 1201! Intro to Radiography		F, Sp, Su		2
☐	9. RADR 2209! Radiographic Imaging Equipment		F, Sp, Su		2
					27 hours
☐	10. RADR 1203 Patient Care		F, Sp, Su		2
☐	11. RADR 1311 Basic Radiographic Procedures		F, Sp, Su		3
☐	12. RADR 1213 Principles of Radiographic Imaging I		F, Sp, Su		2
☐	13. RADR 2301 Intermediate Radiographic Procedures		F, Sp, Su		3
					10 hours
☐	14. RADR 2205 Principles of Radiographic Imaging II		F, Sp, Su		2
☐	15. RADR 2331 Advance Radiographic Procedures		F, Sp, Su		3
☐	16. RADR 1202 Radiographic Image Evaluation		F, Sp, Su		2
☐	17. RADR 1266 Practicum I		F, Sp, Su		2
					10 hours
☐	18. RADR 2217 Radiographic Pathology		F, Sp, Su		2
☐	19. RADR 1267 Practicum II		F, Sp, Su		2
	20. RADR 2233 Advance Medical Imaging		F, Sp, Su		2
	21. RADR 1268 Practicum III		F, Sp, Su		2
					8 hours
☐	22. RADR 2313 Radiation Biology and Protection		F, Sp, Su		3
☐	23. RADR 2266 Practicum IV		F, Sp, Su		2
☐	24. RADR 2335 Seminar (Capstone)		F, Sp, Su		3
☐	25. RADR 2267 Practicum V		F, Sp, Su		2
					10 hours
*** [INDICATE DEGREE EARNED] ***					64 hours
NOTE: Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.					

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 list of General Ed. Courses and KC Catalog for all possible options.
- ** Acceptance to the program is required for eligibility to enroll in RADR courses, with the exception of RADR 1201 and RADR 2209
- *** RADR courses will be offered in different semesters depending on program acceptance year
- **** Successful completion of all RADR courses with a "C" or higher is required. After admission to the program, a student must earn a "C" or higher in each RADR course to remain eligible for enrollment in the program and progress to courses listed in the sequence for the next semester.

! RADR 1201 and 2209 must be taken prior to program entry

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:

ADVANCED DEGREES/CREDENTIAL OPPORTUNITIES

Radiology Manager, Educator, Radiology Information System Manager, Equipment and Pharmaceutical Sales

LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

Midwestern State University (MSU), BSRS Radiologic Science: <https://mwsu.edu/academics/hs2/radsci/index>

Northwestern State, University of Louisiana (NWU): <https://www.nwlu.edu/academics/nursing-allied-health/allied-health-2/>

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>

Texas Medical Board (TMB), Medical Radiologic Technologist (MRT): <http://www.tmb.state.tx.us>

CONTACT INFORMATION (Click link for KC Digital Map)

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Kilgore College Composite List of General Education Courses

! Humanities and Fine Arts

[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 2361 - History of the Theatre I
DRAM 2362 - History of the Theatre II
[DRAM 2366 \(T\) - Film Appreciation](#)
[ENGL 1302 \(T\) - Composition II](#)
[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](#)
[MUSI 1306 \(T\) - Music Appreciation](#)
[PHIL 1301 \(T\) - Introduction to Philosophy](#)
[PHIL 2306 \(T\) - Introduction to Ethics](#)

\$ Social and Behavioral Sciences

[CRIJ 1301 \(T\) - Introduction to Criminal Justice](#)
[ECON 2301 \(T\) - Principles of Macroeconomics](#)
[ECON 2302 \(T\) - Principles of Microeconomics](#)
[GEOG 1303 \(T\) - World Regional Geography](#)
[GOVT 2305 \(T\) - Federal Government](#)
[GOVT 2306 \(T\) - Texas Government](#)
[HIST 1301 \(T\) - United States History I](#)
[HIST 1302 \(T\) - United States History II](#)
[PSYC 2301 \(T\) - General Psychology](#)
[PSYC 2314 \(T\) - Lifespan Growth and Development](#)
[SOCI 1301 \(T\) - Introductory Sociology](#)
[SOCI 1306 \(T\) - Social Problems](#)
[SOCI 2301 \(T\) - Marriage and the Family](#)
[TECA 1354 \(T\) - Child Growth and Development](#)

@ Natural Sciences and Mathematics

[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 2406 \(T\) - Environmental Biology](#)
[CHEM 1405 \(T\) - Introductory Chemistry I \(lecture + lab\)](#)
[CHEM 1406 \(T\) - Introductory Chemistry I \(lecture + lab, allied health emphasis\)](#)
[CHEM 1411 \(T\) - General Chemistry I \(lecture + lab\)](#)
[CHEM 1412 \(T\) - General Chemistry II \(lecture + lab\)](#)
[ENVR 1401 \(T\) - Environmental Science I](#)
[GEOL 1301 \(T\) - Earth Sciences for Non-Science Majors I \(lecture\)](#)
[GEOL 1403 \(T\) - Physical Geology \(lecture + lab\)](#)
[GEOL 1404 \(T\) - Historical Geology \(lecture + lab\)](#)
[GEOL 1405 \(T\) - Environmental Science \(lecture + lab\)](#)
[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 1351 \(T\) - Mathematics for Teachers II](#)
[MATH 2412 \(T\) - Pre-Calculus Math](#)
[MATH 2413 \(T\) - Calculus I](#)
[MATH 2414 \(T\) - Calculus II](#)
[MATH 2415 \(T\) - Calculus III](#)
[PHYS 1303 \(T\) - Stars and Galaxies \(lecture\)](#)
[PHYS 1401 \(T\) - College Physics I](#)
[PHYS 1402 \(T\) - College Physics II](#)
PHYS 1403 - Stars and Galaxies
[PHYS 1404 \(T\) - Solar System](#)
[PHYS 1405 \(T\) - Elementary Physics I](#)
[PHYS 2425 \(T\) - University Physics I](#)
[PHYS 2426 \(T\) - University Physics II](#)

% Additional Course

An additional course from the lists above or [SPCH 1315](#) or [SPCH 1318](#) or [EDUC 1300](#) or [ENGL 2311](#) or [BCIS 1305](#)