



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2025-2026

Associate in Science to Bachelor of Science in Radiologic Science

Overview

Completion of the following curriculum will satisfy the requirements for the Associate in Science (AS) degree at Gateway Community and Technical College (GCTC) and leads to the Bachelor of Science (BS) in Radiologic Science degree at Northern Kentucky University (NKU).

The Radiologic Science pathway is a 2 + 3 pathway where students earn an Associate in Science at Gateway Community and Technical College and then transfer to NKU. Alternatively, students can choose to transfer to NKU upon completion of listed courses before meeting Gateway degree requirements and then use the reverse transfer process to use credits taken at NKU to fulfill the remaining associate degree requirements. A minimum of three years will be required to complete the Bachelor of Science in Radiologic Science degree after transferring to NKU.

Applying to the Gateway2NKU Program

Students can apply to participate in the pathway program by completing the online application on the NKU transfer webpage. Students must be enrolled in at least six credit hours at Gateway, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Gateway.

Degree Requirements for GCTC

1. Completion of minimum 60 credit hours
2. Minimum cumulative GPA 2.0
3. Minimum of 15 credit hours earned at the institution awarding the degree,
4. Demonstration of digital literacy
5. College success requirement

Admission Requirements to NKU

Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU.

Special admission requirements: Due to the limited number of clinical placements and the competitive and appealing nature of the program, the radiologic science program has a selective admission process. **The annual application deadline is February 15 for the class that will begin in July of that year.**

The radiologic science admission committee determines academic eligibility and ranks the applicants. Approximately 24 students are accepted each year. The program does NOT maintain a waiting list that carries over from one year to the next; however, a small number of other candidates meeting the admission criteria may be placed on a waiting list in case vacancies occur prior to the beginning of "**RAD 200 Introduction to Radiography (6 credits).**"

To be considered for admission into the radiologic science program, students must meet the following requirements:

1. Satisfactory completion of the following courses with a grade of C or better in each course:
 - a. **BIO 208 Human Anatomy and Physiology I - NS (4 credits)** and **BIO 208L Human Anatomy and Physiology I Laboratory - SL (0 credits)**. (BIO 137)
 - b. **PHY 110 Introduction to Physics with Laboratory - SL (4 credits)** or **CHE 115** with Laboratory. (PHY 151/161 or CHE 130/135)
 - c. **ENG 101 Writing for College and Beyond - WC (3 credits)**.
 - d. Mathematics general education course (**STA 205** or **STA 205R** required for program completion). (STA 220 or MAT 151/STA 251)
2. A minimum GPA of 2.5 in the most recent 45 hours of college work attempted, based on a 4.00 scale.
3. Applicants whose native language is other than English must demonstrate an established level of English proficiency by taking the Internet-based TOEFL. Please see **English Proficiency** below for more information.

Admission into the radiologic science program is completely objective and is based on academic screening. Applicants are awarded points based on the following:

1. Overall GPA based on the applicant's most recent 45 credit hours.
2. Grades earned in prerequisite courses and program requirements.
3. Total number of credit hours earned.
4. Related healthcare experience (paid or volunteer) or completion of **HSC 101**.

Students attending NKU will be awarded bonus points in the application process.

Conditional acceptance into the program can be given to students enrolled in any of the prerequisite courses by the priority application date of **February 15**. Successful completion of these courses with a grade of C or better must be documented at the end of the term for final program admission.

Student criminal background check: Healthcare agencies are charged with providing care and protecting the safety of vulnerable populations including children and the aged. Agencies used for clinical placement require students to undergo criminal background checks and may deny clinical access to those convicted of felonies and certain misdemeanors. Conviction of these offenses may result in a student's denial of admission to, or dismissal from, the College of Health and Human Services. Students admitted to the radiologic science program are required to submit to criminal background checks as identified by the College of Health and Human Services. Failure of the background check will result in the inability to be placed at a clinical site and subsequent dismissal from the program.

The student is responsible for notifying the College of Health and Human Services of any change in the status of this record. Note that successful completion of a criminal background check does not ensure eligibility for certification, licensure, or future employment.

English Proficiency: A certain level of English proficiency is necessary for academic success in radiologic science courses as well as for patient and client safety. For this reason, applicants whose native language is other than English must demonstrate an established level of English proficiency by taking the Internet-based TOEFL as part of the application process and must have a minimum cumulative score of 90 with minimum individual scores of 26 in speaking, 22 in listening, 20 in writing, and 22 in reading. Only official scores will be accepted and the testing must be within two years of application to the program. Only the Internet-based TOEFL (iBT) will be accepted. Students must register for the iBT using the school code for Northern Kentucky University which is #1574. Students must take the test early enough to ensure that the results are reported to the university by required application deadlines. "Official language" is defined as an individual's first acquired language and the language of educational instruction. For a complete list of NKU approved countries with English as the "official language," please contact the International Student & Scholar Services at 859-572-6517 or <https://inside.nku.edu/internationalstudents.html>. The Test of English as a Foreign Language is offered by the Educational Testing Service and may be taken at various test centers throughout the world.

The TOEFL requirement may be appealed under extenuating circumstances. The appeal should be made in writing to the Radiologic Science Program Director, who may request that the applicant have an interview with the director or designee.

You should also know: The radiologic science program is a full-time, daytime program. During the course of the program, students will complete a limited number of evening shift clinical assignments.

The schedule for the week is full with classes and clinical assignments as well as out-of-class/clinical assignments. The time frame is demanding, and any work outside of the program needs to be both flexible and limited in hours per week in order for the student to be successful.

Candidates eligible for the radiologic science program must be able to meet the following technical standards. These standards specify the skills necessary for successful completion of the program and subsequent employment as a radiologic technologist (radiographer).

Sufficient visual acuity to:

- Assess skin tone changes detectable in cyanotic or flushed skin.
- Detect color shades/tones such as shades of gray seen on radiographs.
- Evaluate radiographs for quality
- Read printed words in textbooks and on medical equipment

Sufficient hearing to:

- Communicate with patients and other members of the healthcare team.
- Monitor patients via audio monitors.
- Hear background sounds during equipment operations.
- Respond to the audible sounds of the equipment.

Sufficient gross and fine motor coordination to:

- Manipulate equipment and accessories.
- Lift a minimum of 30 pounds.
- Stoop, bend, or promptly assist patients who become unstable.

Satisfactory physical strength and endurance to:

- Move immobile patients to or from a stretcher or wheelchair to the X-ray table.
- Work with arms extended overhead (approximately 80" from the floor).
- Carry 30 pounds while walking.
- Stand in place for long periods of time.

Satisfactory verbal, reading, and writing skills to:

- Explain radiologic procedures.
- Direct patients during radiologic procedures.
- Communicate in English for effective and prompt interaction with patients, fellow students, faculty, and hospital personnel.

Satisfactory intellectual and emotional functions to:

- Ensure patient safety.
- Exercise independent judgment and discretion in the performance of assigned responsibilities.
- Measure, calculate, reason, and evaluate as required for direct patient care.
- Handle stressful situations related to procedural standards and patient care situations.

Must be physically free of illegal drugs and alcohol. Drug testing may be required by specific clinical sites at the student's expense. Failure of a drug test may result in program dismissal.

Students with a disability should declare the disability and provide verification to the Office of Student Accessibility so that reasonable accommodations can be made.

Professional advanced standing is available for students who (1) have graduated from an accredited postsecondary vocational or hospital-based program in radiologic technology and (2) have passed the American Registry of Radiologic Technologists national examination. These students will be awarded up to 51 hours toward completion of NKU professional course requirements in radiologic science. Students admitted into the baccalaureate degree program under the advanced standing policy will be held accountable for meeting all prevailing university and program requirements for graduation.

Progression: A student must achieve a grade of at least C in each RAD course, as well as in required courses for the major, in order to continue in the program.

Degree Requirements for NKU

To earn a bachelor's degree at NKU, students must

1. Complete a minimum of 120 credit hours
2. Complete at least 25% of the credit hours required at NKU
3. Complete the last 30 credit hours at NKU
4. Complete at least 45 credit hours numbered 300 or above
5. Minimum 2.0 cumulative GPA across all major coursework
6. Meet all requirements for the major

7. Completion of a minor, focus, or second major (if required by major)

General Transfer Information

Students must complete the online application to NKU. There is no application fee for students who are transferring from GCTC.

KCTCS Scholars Award: Students who are KY residents transferring directly from a KCTCS institution with at least 36 hours from that institution and minimum GPA of 3.0, were never enrolled as a degree-seeking student at NKU, and will be enrolled in at least 12 credit hours both fall and spring semester are eligible for a limited number of annual scholarships (fall and spring only). Students must gain admission to NKU by June 15 for fall and November 1 for spring to be eligible for a possible scholarship. Online accelerated programs are not eligible for the KCTCS Scholars Award.

Tuition and scholarship information specific to transfer students can be viewed on the [NKU Adult & Transfer Center website](#).

GCTC AS TO NKU BS IN RADIOLOGIC SCIENCE CHECKLIST

Gateway Community and Technical College

Category 1: GCTC General Education Core Requirements

| GCTC Course | Course or Category | Credits | NKU Course | Completed |
|-------------|--|-----------|---------------------------------------|-----------|
| ENG 101 | Writing I (WC) | 3 | ENG 101 | |
| ENG 102 | Writing II (WC) | 3 | ENG 102 | |
| COM 181 | Basic Public Speaking (OC) | 3 | CMST 101 | |
| TBS XXX | Arts & Humanities (AH) – Heritage | 3 | TBD XXX | |
| TBS XXX | Arts & Humanities (AH) – Humanities | 3 | TBD XXX | |
| PSY 110 | General Psychology (SB) | 3 | PSY 100 | |
| TBS XXX | Social & Behavioral Science (SB) – Non-PSY | 3 | TBD XXX | |
| BIO 137 | Human Anatomy and Physiology I (SL) | 4 | BIO 208/208L | |
| BIO 139 | Human Anatomy and Physiology II (SL) | 4 | BIO 209/209L | |
| MAT 150 | College Algebra (QR) | 3 | (MAT 102 or MAT 103) + MAT 100T | |
| STA 220 | Statistics (QR) | 3 | STA 205 | |
| | Subtotal General Education Core Courses | 35 | | |

TBS XXX means to be selected by GCTC student.

TBD XXX means to be determined by NKU based on course selected.

For Social and Behavioral Sciences courses, two disciplines must be represented and different from those in the Arts and Humanities category.

A grade of A or B in MAT 150 equates to MAT 103 + MAT 100T at NKU. A grade of C or D in MAT 150 equates to MAT 102 + MAT 100T. MAT 150 is a prerequisite for CHE 130.

Category 2: GCTC AS Requirements

| GCTC Course | Course or Category | Credits | NKU Course | Completed |
|---|--|----------|-----------------------|-----------|
| PHY 151 and PHY 161 OR CHE 130 and CHE 135 | Introductory Physics with Lab (SL) OR Introduction to General Chemistry | 4 | PHY 110 OR CHE 115 | |
| | Subtotal AS Requirement Courses | 4 | | |

Category 3: GCTC Electives

| GCTC Course | Course or Category | Credits | NKU Course | Completed |
|------------------------|---|---------|------------|-----------|
| FYE 105 or FYE 110 | Achieving Academic Success or First Year Experience and Applications | 3 | UNV 100T | |
| CIT 105 or OST 105* | Introduction to Computers or Introduction to Information Systems | 3 | BIS 101 | |

| GCTC Course | Course or Category | Credits | NKU Course | Completed |
|--------------|---|-----------|---|-----------|
| Taken at NKU | Foundations of Health Informatics | 15 | HIN 355 | |
| Taken at NKU | Select one course from the following: Lifespan Communication Health Communication Health Information Management Healthcare Management Aging in Today's Society Issues in Chronic Disease Management Global Perspectives of Health Care Trends and Cultural Issues in Healthcare Leading People in Organizations Principles of Mammography Radiography Capstone | 3 | CMST 333 CMST 403 HIN 356 HSC 410 HSC 413 HSC 440 HSC 480 HSC 435 LDR 315 RAD 460 RAD 480 | |
| | Subtotal Elective Courses | 21 | | |
| | Total Associate Degree Hours | 60 | | |

*If completing digital literacy using other means (like FYE 110), additional credits will be required in order to fulfill elective requirements.

If student completes all program pre-requisites and general education classes, instead of completing the final elective courses before applying to the Radiology program at NKU, they can choose to go ahead and transfer to NKU and then use the reverse transfer process to send back over the final credits to meet Gateway degree requirements using classes taken at NKU. If a student plans to complete the associate degree before transferring, up to four electives may be taken at NKU.

Please refer to the first page of this pathway for important transfer information for the competitive admissions process for this program.

Northern Kentucky University

Category 4: NKU Major Requirements for the BS in Radiologic Science

| NKU Course | Course | Credits | GCTC Course | Taken at GCTC |
|--------------------|--|---------|--|---------------|
| BIO 208/208L | Human Anatomy and Physiology I | 4 | BIO 137 | x |
| BIO 209/209L | Human Anatomy and Physiology II | 4 | BIO 139 | x |
| ENG 101 | Writing I | 3 | ENG 101 | x |
| ENG 102 | Advanced College Writing | 3 | ENG 102 | x |
| PHY 110 or CHE 115 | Introductory Physics with Lab or Physiological Chemistry | 4 | PHY 151 + PHY 161 or CHE 130 + CHE 135 | x |
| STA 205 | Statistical Methods | 3 | STA 220 | x |
| HIN 355 | Intro to Health Informatics | 3 | Taken at NKU | x |
| HSC 410 | Healthcare Management | 3 | | |

| NKU Course | Course | Credits | GCTC Course | Taken at GCTC |
|--|---|------------|--------------|---------------|
| HSC 421 | Healthcare Research | 3 | | |
| RAD 200 | Introduction to Radiography | 6 | | |
| RAD 208/208L | Radiographic Procedures I with Positioning Lab I | 4 | | |
| RAD 209/209L | Radiographic Procedures II with Positioning Lab II | 4 | | |
| RAD 214/214L | Analysis of Radiographic Quality with Lab | 4 | | |
| RAD 216 | Physical Principles of Radiographic Equipment | 3 | | |
| RAD 230 | Communication and Patient Care | 3 | | |
| RAD 286 | Radiographic Practicum I | 3 | | |
| RAD 296 | Radiographic Practicum II | 3 | | |
| RAD 307L | Advanced Radiography Lab | 1 | | |
| RAD 308 | Radiographic Procedures III | 3 | | |
| RAD 309 | Radiographic Procedures IV | 2 | | |
| RAD 310 | Advanced Imaging Sectional Anatomy | 3 | | |
| RAD 340 | Radiation Biology and Protection | 3 | | |
| RAD 350 | Clinical Pathology for Radiographers | 3 | | |
| RAD 376 | Radiographic Practicum III | 2 | | |
| RAD 386 | Radiographic Practicum IV | 3 | | |
| RAD 396 | Radiographic Practicum V | 3 | | |
| RAD 470 | Principles of Computed Tomography | 3 | | |
| RAD 480 | Radiography Capstone | 3 | | |
| RAD 486 | Radiographic Practicum VI | 3 | | |
| RAD 496 | Radiographic Practicum VII | 3 | | |
| Select 1: CMST 333 CMST 403 HIN 356 HSC 410 HSC 413 HSC 440 HSC 480 HSC 510 LDR 315 RAD 460 RAD 480 | Select one course from the following: Lifespan Communication Health Communication Health Information Management Healthcare Management Aging in Today's Society Issues in Chronic Disease Management Global Perspectives of Health Care Trends and Cultural Issues in Healthcare Leading People in Organizations Principles of Mammography Radiography Capstone | 3 | Taken at NKU | x |
| | Subtotal Major Credit Hours at NKU | 71 | | |
| | Subtotal Credit Hours at GCTC | 61 | | |
| | Total Major Credit Hours | 95 | | |
| | Total Baccalaureate Degree Credit Hours | 132 | | |

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