



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2025-2026

Associate in Applied Science in Medical Laboratory Technician
to Bachelor of Science in Health Science (Degree Completion Track)

Overview

Completion of the following curriculum will satisfy the requirements for the Associate in Applied Science (AAS) in Medical Laboratory Technician at a Kentucky Community and Technical College (KCTCS) institution and leads to the Bachelor of Science (BS) in Health Science – Degree Completion Track degree at Northern Kentucky University (NKU).

Applying to the KCTCS2NKU 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 their KCTCS institution, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at their KCTCS institution.

Degree Requirements for KCTCS

1) Minimum cumulative GPA 2.0, 2) minimum of 25 percent of credit hours required for the degree earned at the institution awarding the degree, and 3) demonstration of digital literacy.

Admission Requirements to NKU

Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU. Students wishing to enroll in the Health Science Completer degree must have a minimum college GPA of 2.30. The Degree Completion Track is designed for students who have an earned associate degree in a health discipline looking to complete a bachelor's degree.

Students who complete one of the following associate degrees at a Kentucky Community and Technical College can apply for admission into NKU's Health Science - Degree Completion Track.

- Dental Hygiene
- Diagnostic Medical Sonography
- Emergency Medical Services – Paramedic
- Health Information Technology

- Health Science Technology
- Massage Therapy Technology
- Medical Assisting
- Medical Information Technology
- Medical Laboratory Technician
- Occupational Therapy Assistant
- Orthotics and Prosthetics Technology
- Physical Therapist Assistant
- Radiography
- Respiratory Therapist
- Surgical First Assisting
- Surgical Technology

This major can be completed online. Courses are offered in seven-week formats. Tuition for online accelerated programs differs from face-to-face tuition. Scholarship pricing is available to KCTCS students who choose to enroll in the fully online program. Visit our website for more information about the [Health Science Accelerated Online program](#).

Degree Requirements for NKU

To earn a bachelor's degree at NKU, students must complete a minimum of 120 credit hours with at least 45 credit hours numbered 300 and above. In addition, at least 25% of the credit hours required for the degree and the last 30 credit hours must be completed at NKU. Students must have an overall GPA of 2.0, earn a C or better in major courses, and meet all prerequisites for courses and requirements for the major. An associate of applied science (AAS) degree or equivalent from a regionally accredited institution serves as an imbedded minor for the program.

General Transfer Information

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

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 \$2,500 annual scholarships (\$1,250 per fall and spring). 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.

**KCTCS AAS IN MEDICAL LABORATORY TECHNICIAN
TO NKU BS IN HEALTH SCIENCE (DEGREE COMPLETION TRACK) CHECKLIST**

Kentucky Community and Technical College System

Category 1: KCTCS General Education Requirements

KCTCS Course	Course or Category	Credits	NKU Course	Completed
ENG 101	Writing I (WC)	3	ENG 101	
COM 181 or COM 252	Basic Public Speaking (OC) or Introduction to Interpersonal Communication (OC)	3	CMST 101 CMST 220	
CHE 130 or TBS XXX	Introductory General and Biological Chemistry (SN) or Higher Level Chemistry Course	3-4	CHE 115/115L TBD XXX	
TBS XXX	Heritage or Humanities Course (AH)	3	TBD XXX	
PSY 110	Introduction to Psychology (SB)	3	PSY 100	
TBS XXX	Quantitative Reasoning Course (QR)	3	TBD XXX	
	Subtotal General Education Courses	18-19		

TBS XXX means to be selected by KCTCS student.

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

It is recommended that students take MAT 151, MAT 161, or STA 151 to help prepare them for a statistics course at KCTCS or NKU. Then, if able, take STA 251 while at your KCTCS institution. (MAT 151 or MAT 161 or STA 151) + STA 251 = STA 205 plus elective credit in MAT or STA at NKU). Students can also take STA 220 which equates to STA 205 at NKU.

Category 2: KCTCS AAS Requirements for Medical Laboratory Technician

KCTCS Course	Course or Category	Credits	NKU Course	Completed
DIL XXX	Digital Literacy	0-3		
BIO 135	Basic Anatomy and Physiology with Lab (SL)	4	BIO 121/121L	
MLT 112	Urinalysis	2	HSC 100T	
MLT 115	Serology	2	HSC 2100T	
MLT 215 and MLT 216 or MLT 217 and MLT 218	Hematology I and Hematology II or Fundamentals of Hematology and Clinical Hematology	7	HEA 200T HEA 200T HSC 200T HSC 200T	
MLT 225 and MLT 226 or MLT 227	Immunohematology I and Immunohematology II or Immunohematology	4	HSC 200T	
MLT 278	Practicum 1	4-5	HSC 300T	
TBS XXX	Select Pathway 1 or Pathway 2 from the Category 3 and 4 tables below	22-23		

KCTCS Course	Course or Category	Credits	NKU Course	Completed
	Subtotal AAS Requirement Courses	45-49		
	Total Associate Degree Hours	64-68		

BIO 137 and BIO 139 (NKU's BIO 208 with Lab and BIO 209 with Lab) may be substituted for BIO 135.

Category 3: KCTCS Pathway I for Medical Laboratory Technician

KCTCS Course	Course or Category	Credits	NKU Course	Completed
BIO 225	Medical Microbiology with Lab	4	BIO 202/202L	
MLT 101	Introduction to the Clinical Laboratory	3	HSC 100T	
MLT 205	Clinical Microbiology I	3	HSC 200T	
MLT 206	Clinical Microbiology II	2	HSC 200T	
MLT 233	Clinical Chemistry I	3	HSC 200T	
MLT 234	Clinical Chemistry II	2	HSC 200T	
MLT 279	Practicum II	4	HSC 300T	
PHB 151	Phlebotomy for the Health Care Worker	1	HSC 100T	
PHB 152	Phlebotomy: Clinical Experience	1	HSC 200T	
	Total Pathway Hours	23		

Category 4: KCTCS Pathway II for Medical Laboratory Technician

KCTCS Course	Course or Category	Credits	NKU Course	Completed
MLT 207	Introduction to Clinical Diagnostic Microbiology	2	HSC 100T	
MLT 208	Clinical Diagnostic Microbiology I	3	HSC 200T	
MLT 209	Clinical Diagnostic Microbiology II	2	HSC 200T	
MLT 247	Introduction to Clinical Chemistry	3	HSC 200T	
MLT 248	Advanced Clinical Chemistry	3	HSC 300T	
MLT 279	Practicum II	5	HSC 300T	
PHB 152	Phlebotomy: Clinical Experience	1	HSC 200T	
PHB 170	Applied Phlebotomy	3	HSC 200T	
	Total Pathway Hours	22		

Northern Kentucky University

Category 5: NKU Additional General Education Courses

NKU Course	Course or Category	Credits	KCTCS Course	Taken at KCTCS
ENG 102	Written II	3	ENG 102	
TBS XXX	Cultural Pluralism	3		

NKU Course	Course or Category	Credits	KCTCS Course	Taken at KCTCS
TBS XXX	Individual and Society	3		
TBS XXX	Culture and Creativity	3		
TBS XXX	Global Viewpoints	3		
	Subtotal General Education Credit Hours	15		

The KCTCS Heritage and Humanities course will likely transfer as a Culture and Creativity credit, but discuss your choice with an advisor to know for sure which NKU general education category it will fulfill. These courses could meet general education certification requirements at KCTCS.

Category 6: NKU Major Requirements for BS in Health Science

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
HHS 500	Teaching & Learning in Healthcare Education	3		
HIN 355	Foundations of Health Informatics	3		
HSC 410	Healthcare Management	3		
HSC 413	Aging in Today's Society	3		
HSC 415	Ethical and Legal Issues in Healthcare	3		
HSC 421	Healthcare Research	3		
HSC 440	Issues in Chronic Disease Management	3		
HSC 480	Global Perspectives in Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	STA 220 or (MAT 151 or STA 151 or MAT 161) + STA 251	
	Subtotal Major Credit Hours at NKU	33		

Category 7: Additional Requirements at NKU

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
	Subtotal Elective (300/400 level) Hours	4-8		
	Total Baccalaureate Degree Credit Hours	120		

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