



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2024-2025

Associate in Applied Science in Diagnostic Medical Sonography
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 Diagnostic Medical Sonography 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 DIAGNOSTIC MEDICAL SONOGRAPHY
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	
TBS XXX	Heritage or Humanities Course (AH)	3	TBD XXX	
TBS XXX	Social and Behavioral Sciences Course (SB)	3	TBD XXX	
MAT 150 or TBS XXX	College Algebra (QR) or Higher Level Mathematics Course (QR)	3	(MAT 102 or MAT 103) + MAT 100T TBD XXX	
BIO 137	Human Anatomy and Physiology I with Lab (SL)	4-8	BIO 208/208L	
BIO 139	Human Anatomy and Physiology II with Lab (SL)		BIO 209/209L	
PHY 151 or PHY 152 or PHY 171	Introductory Physics I (SN) or Introductory Physics II (SN) or Applied Physics (SL)	3-4	PHY 100G PHY 100G PHY 110	
Subtotal General Education Courses		19-24		

TBS XXX means to be selected by KCTCS student.

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

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.

Category 2: KCTCS AAS Requirements for Diagnostic Medical Sonography

KCTCS Course	Course or Category	Credits	NKU Course	Completed
AHS 115 or AHS 120	Medical Terminology	1-3	BIO 272 BIO 200T	
NAA 100 and CPR 100 or MNA 100 and CPR 100 or HST 104	Nursing Assistant Skills I and CPR for Healthcare Professionals or Medicaid Nurse Aide and CPR for Healthcare Professionals or Health Care Basic Skills I with Clinical	3.5-4	NUR 100T HEA 100T NUR 100T HEA 100T NUR 100T	
	Select one of the following tracks: Cardiac Sonography Track General Sonography Track General/Vascular Sonography Track Vascular Sonography Track Course for the tracks are listed in Category 3 through 6 tables below.	40-48		
Subtotal AAS Requirement Courses		44.5-53		

KCTCS Course	Course or Category	Credits	NKU Course	Completed
	Total Associate Degree Hours	63.5-77		

Category 3: KCTCS Cardiac Sonography Track

KCTCS Course	Course or Category	Credits	NKU Course	Completed
DMS 119	Ultrasonic Physics and Instrumentation	6	RAD 100T	
DMS 146	Cardiac Techniques I	12	RAD 200T	
DMS 207	Cardiac Techniques II	7	RAD 200T	
DMS 216	Cardiac Techniques III	3	RAD 300T	
DMS 246	Cardiac Review	1	RAD 300T	
Select 17 cr: DMS 147 DMS 241 DMS 243 DMS 249	Select 17 credit hours from the clinical courses: Cardiac Clinical Education I Cardiac Clinical Education II Cardiac Clinical Education III Cardiac Clinical Education IV	17	RAD 200T RAD 200T RAD 200T RAD 300T	
	Total Track Hours	46		

Category 4: KCTCS General Sonography Track

KCTCS Course	Course or Category	Credits	NKU Course	Completed
DMS 111	Abdominal Sonography	7	RAD 100T	
DMS 116	OB/GYN Sonography	6	RAD 200T	
DMS 119	Ultrasonic Physics and Instrumentation	6	RAD 100T	
DMS 218	Abdominal Review	2	RAD 300T	
DMS 219	OB/GYN Review	2	RAD 300T	
Select 17 cr: DMS 126 DMS 230 DMS 240	Select 17 credit hours from the clinical courses: Clinical Education I Clinical Education II Clinical Education III	17	RAD 200T RAD 200T RAD 300T	
	Total Track Hours	40		

Category 5: KCTCS General/Vascular Sonography Track

KCTCS Course	Course or Category	Credits	NKU Course	Completed
DMS 109	Sonography I	7	RAD 100T	
DMS 115	Sonography II	6	RAD 200T	
DMS 119	Ultrasonic Physics and Instrumentation	6	RAD 100T	
DMS 255	Vascular Technology	6	RAD 200T	
DMS 260	Vascular Clinical Education	6	RAD 200T	

KCTCS Course	Course or Category	Credits	NKU Course	Completed
Select 17 cr: DMS 126 DMS 230 DMS 240	Select 17 credit hours from the clinical courses: Clinical Education I Clinical Education II Clinical Education III	17	RAD 200T RAD 200T RAD 300T	
	Total Track Hours	48		

Category 6: KCTCS Vascular Sonography Track

KCTCS Course	Course or Category	Credits	NKU Course	Completed
DMS 117	Vascular Sonography I	7	RAD 200T	
DMS 118	Vascular Sonography II	6	RAD 200T	
DMS 119	Ultrasonic Physics and Instrumentation	6	RAD 200T	
DMS 136	Vascular Clinical Education I	4	RAD 200T	
DMS 204	Online Vascular Review	2	RAD 300T	
DMS 206	Online Vascular Sonography III	3	RAD 300T	
DMS 236	Vascular Clinical Education II	8	RAD 200T	
DMS 237	Vascular Clinical Education III	5	RAD 300T	
	Total Track Hours	41		

Northern Kentucky University

Category 7: NKU Additional General Education Courses

NKU Course	Course or Category	Credits	KCTCS Course	Taken at KCTCS
ENG 102	Written II	3	ENG 102	
CMST 101	Oral Communication	3	COM 181	
TBS XXX	Cultural Pluralism	3		
TBS XXX	Individual and Society	3		
TBS XXX	Culture and Creativity	3		
TBS XXX	Global Viewpoints	3		
	Subtotal General Education Credit Hours	21		

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. The courses could fulfill general education certification at KCTCS.

Category 8: 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 9: Additional Requirements at NKU

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
	Subtotal Elective (300/400 level) Hours	3-10		
	Total Baccalaureate Degree Credit Hours	120-141		

Updated: November 2024