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# TWO DEGREES, ONE PATH

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## TRANSFER PATHWAY GUIDE 2023-2024

Associate of Applied Science or Associate of Science in a Health Discipline To  
Bachelor of Science in Health Science - Degree Completion Track

### ***Overview***

Completion of the following curriculum will satisfy the requirements for the Associate of Applied Science (AAS) or Associate of Science (AS) degree in a health discipline at Ivy Tech Community College (ITCC) and leads to the Bachelor of Science (BS) in Health Science – Degree Completion Track degree at Northern Kentucky University (NKU).

### ***Applying to the IvyTech2NKU 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 Ivy Tech, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Ivy Tech.

### ***Degree Requirements for Ivy Tech***

To earn a degree at Ivy Tech a student must successfully complete the required number of credits for the degree, attain a minimum GPA of 2.0 in the required technical and general education courses, and complete at least 15 degree credits in the curriculum as a regular student of Ivy Tech.

### ***Admission Requirements for 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 Completion 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 of Applied Science or Associate of Science degrees at Ivy Tech can apply for admission into NKU's Health Science - Degree Completion Track.

Dental Assisting  
Dental Hygiene  
Diagnostic Medical Sonography  
Healthcare Specialist  
Medical Assisting  
Medical Imaging  
Medical Laboratory Technology  
Optician and Eye Care  
Paramedic Science  
Physical Therapist Assistant  
Surgical Technology

The Health Science – Degree Completion Track 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 Ivy Tech 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.

**Health Care Industry Certification Examinations:** Students who hold advanced credentials in radiologic technology or nuclear medicine (for example, CT, MRI, cardiovascular imaging, PET, etc.) or respiratory care (for example, polysomnography) may be awarded up to six hours of coursework at the 300 level or above that may be used toward their credit hour total. Advanced credentials must have been awarded by a recognized national organization, such as the American Registry of Radiologic Technologists, Nuclear Medicine Technology Certification Board, Board of Registered Polysomnography Technologists, the National Board for Respiratory Care, or the American Registry for Diagnostic Medical Sonography. [Visit testing services to learn more about the process for receiving credit.](#)

Prior learning credit is also available for radiographers who have graduated from an accredited radiography program, but who may not have coursework that transfers to NKU. Students must have passed the American Registry of Radiologic Technologists national examination, have maintained their certification and can provide documentation of current certification. These students may be awarded up to 50 hours of radiography professional coursework, dependent upon year of initial certification; award of credit will be posted to the student's transcript upon completion of the process. This advanced standing policy is limited to students completing the health science program. Credit hours earned under this policy may not be used to satisfy the residency requirements for graduation. Students who earn these credit hours must meet all prevailing university and program requirements for graduation.

**IVY TECH AAS IN DENTAL ASSISTING TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

<b>ITCC Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
APHY 102	Anatomy and Physiology II	3	BIO 209/209L	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 123 or higher or MATH 200	Quantitative Reasoning or higher Statistics (preferred)	3	MAT 115 STA 205	
PSYC 101	Introduction to Psychology	3	PSY 100	
SOCI 111	Introduction to Sociology	3	SOC 100	
<b>Subtotal General Education Core</b>		<b>21</b>		

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

**Category 2: ITCC Degree Requirements for AAS in Dental Assisting**

<b>ITCC Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
IVYT 112	Student Success in Healthcare	1	UNV 100T	
HLHS 101	Medical Terminology	3	BIO 272	
DENT 102	Dental Materials and Lab I	3	HSC 100T	
DENT 116	Dental Emergencies/Pharmacology	2	HSC 200T	
DENT 117	Dental Office Management	2	HSC 200T	
DENT 122	Clinical Practicum	1	HSC 200T	
DENT 123	Dental Anatomy	3	HSC 200T	
DENT 124	Preventive Dentistry/Diet and Nutrition	2	HSC 200T	
DENT 125	Preclinical Practice III	3	HSC 300T	
DENT 128	Coronal Polishing and Caries Prevention for the Dental Assistant	1	HSC 200T	
DENT 129	Dental Materials and Lab II	3	HSC 300T	
DENT 132	Expanded Functions for Dental Assistants	3	HSC 200T	
DENT 171	Dental Terminology	3	HSC 200T	
DENT 115 or DENT 113 and DENT 114	Preclinical Practice I and II or Preclinical Practice I and Preclinical Practice II	4	HSC 300T	

ITCC Course	Course or Category	Credits	NKU Course	Completed
DENT 118 or DENT 120 and DENT 121	Dental Radiography or Dental Radiography I and Dental Radiography II	4	HSC 300T	
DENT 130 or DENT 133 and DENT 134	Clinical Externship I and II or Clinical Externship I and Clinical Externship II	5	HSC 300T	
	<b>Subtotal Category 2 Courses</b>	<b>43</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>64</b>		

### Northern Kentucky University

#### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Natural Science	3	CHEM 101, CHEM 105, CHEM 111, CHEM 112, CHEM 115, GEOL 105, PHYS 101, SCIN 100, SCIN 111	
TBS XXX	Cultural Pluralism	3	SOCI 164, SOCI 245	
TBS XXX	Culture & Creativity	6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
TBS XXX	Global Viewpoints	3	ANTH 154, PHIL 102, PHIL 220, POLS 211	
	<b>Subtotal General Education Courses</b>	<b>18</b>		

TBS XXX means to be selected.

#### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
CHP 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		

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
HSC 440	Issues in Chronic Disease Management	3		
HSC 480	Global Perspectives of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective Hours</b>	<b>5</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

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**IVY TECH AAS IN DENTAL HYGIENE TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

ITCC Course	Course or Category	Credits	NKU Course	Completed
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
APHY 102	Anatomy and Physiology II	3	BIO 209/209L	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 123 or higher or MATH 200	Quantitative Reasoning or higher Statistics (preferred)	3	MAT 115 STA 205	
PSYC 101	Introduction to Psychology	3	PSY 100	
SOCI 111	Introduction to Sociology	3	SOC 100	
BIOL 201 or BIOL 211	General Microbiology or Microbiology I	3-4	BIO 202/202L	
CHEM 101 or CHEM 111 or CHEM 115	Introductory Chemistry I or Chemistry I or General, Organic, and Biological Chemistry	3-4	CHE 100G/L CHE 102 CHE 115	
	<b>Subtotal General Education Core</b>	<b>27-29</b>		

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

**Category 2: ITCC Degree Requirements for AAS in Dental Hygiene**

ITCC Course	Course or Category	Credits	NKU Course	Completed
IVYT 112	Student Success in Healthcare	1	UNV 100T	
DHYG 101	Fundamentals of Dental Hygiene	2	HSC 100T	
DHYG 102	Fundamentals of Dental Hygiene Lab	2	HSC 100T	
DHYG 103	Dental Radiology	2	HSC 200T	
DHYG 104	Dental Anatomy	2	HSC 200T	
DHYG 105	Nutrition and Oral Health	2	HSC 200T	
DHYG 106	Oral Histology and Embryology	1	HSC 200T	
DHYG 107	Head and Neck Anatomy	1	HSC 200T	
DHYG 110	Periodontology	2	HSC 200T	
DHYG 113	Dental Radiography Clinic	1	HSC 200T	
DHYG 114	Dental Hygiene Clinic I	5	HSC 200T	
DHYG 120	Pharmacology	2	HSC 200T	
DHYG 121	Medical and Dental Emergencies	1	HSC 200T	

ITCC Course	Course or Category	Credits	NKU Course	Completed
DHYG 122	General Pathology	1	HSC 200T	
DHYG 201	Community and Public Health Dentistry	2	HSC 200T	
DHYG 203	Dental Materials	2	HSC 200T	
DHYG 204	Pain Management	2	HSC 200T	
DHYG 209	Preventive Dentistry	1	HSC 200T	
DHYG 222	Oral Pathology	2	HSC 200T	
DHYG 224	Dental Hygiene Clinic II	5	HSC 300T	
DHYG 228	Dental Hygiene Clinical Procedures	1	HSC 300T	
DHYG 230	Clinical Seminar	2	HSC 300T	
DHYG 234	Dental Hygiene Clinic III	6	HSC 300T	
DHYG 235	Community Oral Health Practicum	1	HSC 300T	
	<b>Subtotal Category 2 Courses</b>	<b>49</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>76</b>		

### Northern Kentucky University

#### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Cultural Pluralism	3	SOCI 164, SOCI 245	
TBS XXX	Culture & Creativity	6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
TBS XXX	Global Viewpoints	3	ANTH 154, PHIL 102, PHIL 220, POLS 211	
	<b>Subtotal General Education Courses</b>	<b>15</b>		

TBS XXX means to be selected.

#### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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		

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
HSC 440	Issues in Chronic Disease Management	3		
HSC 480	Global Perspectives of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective (300/400 level) Hours</b>	<b>0</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>124</b>		

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**IVY TECH AAS IN DIAGNOSTIC MEDICAL SONOGRAPHY TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

<b>ITCC Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
APHY 102	Anatomy and Physiology II	3	BIO 209/209L	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 136	College Algebra	3	(MAT 102 or MAT 103) + MAT 100T	
PSYC 101 or SOCI 111	Introduction to Psychology or Introduction to Sociology	3	PSY 100 SOC 100	
<b>Subtotal General Education Core</b>		<b>18</b>		

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

Grade of A or B in MATH 136 equates to MAT 103 + MAT 100T. Grade of C or D in MATH 136 equates to MAT 102 + MAT 100T.

**Category 2: ITCC Degree Requirements for AAS in Diagnostic Medical Sonography**

<b>ITCC Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
IVYT 112	Student Success in Healthcare	1	UNV 100T	
HLHS 101	Medical Terminology	3	BIO 272	
DMSI 101	Ultrasound Physics I	3	HSC 200T	
DMSI 107	Cardiac Sonography I and Lab	5	HSC 200T	
DMSI 111	Sonography Orientation/Cross Sectional/Patient Care	5	HSC 300T	
DMSI 117	Cardiac Sonography Clinical I	3	HSC 200T	
DMSI 119	Cardiac Sonography Clinical II	3	HSC 200T	
DMSI 121	Basic Radiation Physics & Principles	3	RAD 200T	
DMSI 160	Cardiac Sonography II and Lab	4	HSC 300T	
DMSI 190	Hemodynamics and EKG	3	HSC 200T	
DMSI 201	Ultrasound Physics II	3	HSC 300T	
DMSI 217	Cardiac Sonography Clinical III	3	HSC 300T	
DMSI 219	Cardiac Sonography Clinical IV	3	HSC 300T	
DMSI 220	Cardiac Sonography III and Lab	4	HSC 300T	
DMSI 295	Sonography Exam Review	3	HSC 300T	

ITCC Course	Course or Category	Credits	NKU Course	Completed
	<b>Subtotal Category 2 Courses</b>	<b>49</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>67</b>		

Completion of DMSI 101, DMSI 121 and DMSI 201 will satisfy general education physics at NKU.

### Northern Kentucky University

#### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Cultural Pluralism	3	SOCI 164, SOCI 245	
TBS XXX	Individual & Society (Different discipline from course taken above at ITCC)	3	ANTH 254, ECON 201, ECON 202, POLS 101, PSYC 101, PYSC 102 SOC I 111	
TBS XXX	Culture & Creativity	6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
TBS XXX	Global Viewpoints	3	ANTH 154, PHIL 102, PHIL 220, POLS 211	
	<b>Subtotal General Education Courses</b>	<b>18</b>		

TBS XXX means to be selected.

#### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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 of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

<b>NKU Course</b>	<b>Course</b>	<b>Credits</b>	<b>ITCC Course</b>	<b>Taken at ITCC</b>
	<b>Subtotal Elective Hours</b>	<b>2</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

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**IVY TECH AAS IN HEALTHCARE SPECIALIST TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

ITCC Course	Course or Category	Credits	NKU Course	Completed
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 123 or higher or MATH 200	Quantitative Reasoning or higher or Statistics (preferred)	3	MAT 115 STA 205	
TBS XXX	Life/Physical Science Elective Suggest CHEM 101, CHEM 105, CHEM 111, or CHEM 115 to satisfy NKU General Education	3-5	TBD XXX	
TBS XXX	<i>Humanistic and Artistic Ways of Knowing or Social and Behavioral Ways of Knowing</i> The following courses satisfy an NKU General Education requirement: ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HUMA 100, HUMA 118, PHIL 101, SPAN 101, ANTH 254, ECON 201, ECON 202, HIST 101, HIST 102, POLS 101, PSYC 101, PSYC 102, SOCI 111, SOCI 164, SOCI 245	3	TBD XXX	
<b>Subtotal General Education Core</b>		<b>15-17</b>		

TBS XXX means to be selected by Ivy Tech student

TBD XXX means to be determined by NKU based on the course selected at Ivy Tech.

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

**Category 2: ITCC Degree Requirements for AAS in Healthcare Specialist**

ITCC Course	Course or Category	Credits	NKU Course	Completed
IVYT 112	Student Success in Healthcare	1	UNV 100T	
CINS 101	Introduction to Microcomputers	3	BIS 101	
HLHS 100	Introduction to Health Careers	3	HSC 101	
HLHS 101	Medical Terminology	3	BIO 272	
HLHS 102	Essential Anatomy & Physiology	3	BIO 208/208L	
HLHS 105	Medical Law and Ethics	3	PHI 220	
HLHS 111	Health and Wellness for Life	3	HEA 230	
HLHS 211	Nutrition	3	BIO 126	

ITCC Course	Course or Category	Credits	NKU Course	Completed
HLHS 279	Healthcare Specialist Capstone Course	1	HSC 300T	
	Graduates must complete a minimum of 2 Healthcare Specialist certifications and additional Healthcare Specialist Statewide electives to meet the 60 credit hour minimum degree requirement.	22		
	<b>Subtotal Category 2 Courses</b>	<b>45</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>60</b>		

### Northern Kentucky University

#### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Natural Science (May be satisfied by the Life/Physical Science at ITCC)	3	CHEM 101, CHEM 105, CHEM 111, CHEM 112, CHEM 115, GEOL 105, PHYS 101, SCIN 100, SCIN 111	
TBS XXX	Cultural Pluralism	0 or 3	SOCI 164, SOCI 245	
TBS XXX	Individual & Society (Different discipline from course taken above at ITCC)	3 or 6	ANTH 254, ECON 201, ECON 202, POLS 101, PSYC 101, PYSC 102 SOC I 111	
TBS XXX	Culture & Creativity (Different discipline from course taken above at ITCC)	3 or 6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
	<b>Subtotal General Education Courses</b>	<b>18</b>		

TBS XXX means to be selected.

#### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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		

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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 of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective (300/400 level) Hours</b>	<b>14</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>125</b>		

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**IVY TECH AAS IN MEDICAL ASSISTING TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

ITCC Course	Course or Category	Credits	NKU Course	Completed
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
APHY 102	Anatomy and Physiology II	3	BIO 209/209L	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 123 or higher or MATH 200	Quantitative Reasoning or higher Statistics (preferred)	3	MAT 115 STA 205	
TBS XXX	<i>Humanistic and Artistic Ways of Knowing or Social and Behavioral Ways of Knowing</i> The following courses satisfy an NKU General Education requirement: ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HUMA 100, HUMA 118, PHIL 101, PHIL 102, PHIL 220, SPAN 101, ANTH 154, ANTH 254, ECON 201, ECON 202, HIST 101, HIST 102, POLS 101, POLS 211, PSYC 101, PSYC 102, SOC 111, SOCI 164, SOCI 245	3	TBD XXX	
<b>Subtotal General Education Core</b>		<b>18</b>		

TBS XXX means to be selected by Ivy Tech student

TBD XXX means to be determined by NKU based on the course selected at Ivy Tech

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

**Category 2: ITCC Degree Requirements for AAS in Medical Assisting**

ITCC Course	Course or Category	Credits	NKU Course	Completed
IVYT 1XX	Student Success Elective	1	UNV 100T	
HLHS 101	Medical Terminology	3	BIO 272	
MEAS 109	The Professional Medical Assistant	3	HSC 100T	
MEAS 110	Introduction to Clinical Practice	3	HSC 100T	
MEAS 137	Outpatient Insurance and Basic Coding	3	HSC 100T	
MEAS 209	Electronic Administrative Practices	3	HSC 100T	
MEAS 218	Pharmacology	3	HSC 200T	

ITCC Course	Course or Category	Credits	NKU Course	Completed
MEAS 219	Medical Assisting Laboratory	3	HSC 300T	
MEAS 238	Clinical I	3	HSC 200T	
MEAS 239	Clinical II	3	HSC 300T	
MEAS 242	Disease Conditions	3	HSC 300T	
MEAS 260	Medical Assisting Externship	5	HSC 300T	
TBS XXX	Statewide Medical Assisting	6	TBD XXX	
	<b>Subtotal Category 2 Courses</b>	<b>42</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>60</b>		

### Northern Kentucky University

#### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Natural Science	3	CHEM 101, CHEM 105, CHEM 111, CHEM 112, CHEM 115, GEOL 105, PHYS 101, SCIN 100, SCIN 111	
TBS XXX	Cultural Pluralism	0 or 3	SOCI 164, SOCI 245	
TBS XXX	Individual & Society (Different discipline from course taken above at ITCC)	3 or 6	ANTH 254, ECON 201, ECON 202, POLS 101, PSYC 101, PYSC 102 SOC I 111	
TBS XXX	Culture & Creativity (Different discipline from course taken above at ITCC)	3 or 6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
TBS XXX	Global Viewpoints	0 or 3	ANTH 154, PHIL 102, PHIL 220, POLS 211	
	<b>Subtotal General Education Courses</b>	<b>21</b>		

TBS XXX means to be selected.

#### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
HHS 500	Teaching & Learning in Healthcare Education	3		
HIN 355	Foundations of Health Informatics	3		



NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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 of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective (300/400 level) Hours</b>	<b>6</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

Updated April 2022

**IVY TECH AAS IN MEDICAL IMAGING TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

ITCC Course	Course or Category	Credits	NKU Course	Completed
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
APHY 102	Anatomy and Physiology II	3	BIO 209/209L	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 or CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 136	College Algebra	3	(MAT 102 or MAT 103) + MAT 100T	
PSYC 101 or SOCI 111	Introduction to Psychology or Introduction to Sociology	3	PSY 100 SOC 100	
<b>Subtotal General Education Core</b>		<b>18</b>		

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

Grade of A or B in MATH 136 equates to MAT 103 + MAT 100T. Grade of C or D in MATH 136 equates to MAT 102 + MAT 100T.

**Category 2: ITCC Degree Requirements for AAS in Medical Imaging**

ITCC Course	Course or Category	Credits	NKU Course	Completed
IVYT 112	Student Success in Healthcare	1	UNV 100T	
HLHS 101	Medical Terminology	3	BIO 272	
RADT 111	Orientation and Patient Care	5	RAD 200	
RADT 112	Image Production and Evaluation I	3	RAD 214	
RADT 113	Radiographic Positioning I and Lab	3	RAD 208	
RADT 114	Radiographic Clinical Education I	3	RAD 286	
RADT 115	Radiographic Positioning II and Lab	3	RAD 208L	
RADT 116	Radiographic Clinical Education II	3	RAD 296	
RADT 117	Radiation Physics and Equipment	3	PHY 100G + PHY 100T	
RADT 201	Radiographic Positioning III and Lab	3	RAD 209	
RADT 202	Radiographic Clinical Education III	4	RAD 376	
RADT 203	Radiographic Clinical Education IV	4	RAD 386	
RADT 204	Radiographic Clinical Education V	4	RAD 396	
RADT 206	Radiobiology and Radiation	3	RAD 340	
RADT 209	Radiographic Positioning IV	3	RAD 209L	

ITCC Course	Course or Category	Credits	NKU Course	Completed
RADT 218	Image Production and Evaluation II	3	RAD 216	
RADT 221	Pharmacology and Advanced Procedures	2	RAD 309	
RADT 299	General Exam Review	3	RAD 480	
	<b>Subtotal Category 2 Courses</b>	<b>56</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>74</b>		

## Northern Kentucky University

### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Cultural Pluralism	3	SOCI 164, SOCI 245	
TBS XXX	Individual & Society (Different discipline from course taken above at ITCC)	3	ANTH 254, ECON 201, ECON 202, POLS 101, PSYC 101, PYSC 102 SOC I 111	
TBS XXX	Culture & Creativity	6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
TBS XXX	Global Viewpoints	3	ANTH 154, PHIL 102, PHIL 220, POLS 211	
	<b>Subtotal General Education Courses</b>	<b>18</b>		

TBS XXX means to be selected.

### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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 of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective (300/400 level) Hours</b>	<b>0</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>125</b>		

Updated April 2022

**IVY TECH AAS IN MEDICAL LABORATORY TECHNOLOGY TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

<b>ITCC Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
CHEM 1XX	Chemistry Elective Suggest CHEM 101, CHEM 105, CHEM 111, or CHEM 115 to satisfy NKU General Education	3	TBD XXX	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 123 or higher or MATH 200	Quantitative Reasoning or higher  Statistics (preferred)	3	MAT 115  STA 205	
APHY 102 or BIOL 201 or BIOL 211	Anatomy and Physiology II or General Microbiology I or Microbiology I	3-4	BIO 209/209L BIO 202/202L BIO 202/202L	
PSYC 101 or SOC 111	Introduction to Psychology or Introduction to Sociology	3	PSY 100 SOC 100	
	<b>Subtotal General Education Core</b>	<b>21-22</b>		

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

**Category 2: ITCC Degree Requirements for AAS in Medical Laboratory Technology**

<b>ITCC Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
IVYT 112	Student Success in Healthcare	1	UNV 100T	
MEDL 101	Fundamentals of Laboratory Techniques	3	HSC 100T	
MEDL 102	Routine Analysis Techniques	3	HSC 100T	
MEDL 200	Hemostasis Theory and Practice	1	HSC 200T	
MEDL 201	Immunology Techniques	3	HSC 200T	
MEDL 203	Immunohematology Techniques	4	HSC 200T	
MEDL 205	Hematology Techniques I	3	HSC 200T	
MEDL 206	Hematology Techniques II	3	HSC 200T	
MEDL 209	Clinical Urinalysis	1	HSC 200T	
MEDL 210	Clinical Hematology	3	HSC 200T	
MEDL 212	Clinical Immunology	1	HSC 200T	

ITCC Course	Course or Category	Credits	NKU Course	Completed
MEDL 213	Clinical Immunohematology	3	HSC 200T	
MEDL 214	Medical Chemistry	4	HSC 300T	
MEDL 216	Microbiology Techniques	4	HSC 300T	
MEDL 217	Microbiology Concentrations	3	HSC 300T	
MEDL 221	Clinical Microbiology	3	HSC 300T	
MEDL 224	Clinical Chemistry	3	HSC 300T	
MEDL 279	Clinical Pathology	3	HSC 300T	
	<b>Subtotal Category 2 Courses</b>	<b>49</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>70</b>		

### Northern Kentucky University

#### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Cultural Pluralism	3	SOCI 164, SOCI 245	
TBS XXX	Individual & Society (Different discipline from course taken above at ITCC)	3	ANTH 254, ECON 201, ECON 202, POLS 101, PSYC 101, PYSC 102 SOC I 111	
TBS XXX	Culture & Creativity	6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
TBS XXX	Global Viewpoints	3	ANTH 154, PHIL 102, PHIL 220, POLS 211	
	<b>Subtotal General Education Courses</b>	<b>18</b>		

TBS XXX means to be selected.

#### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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		

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
HSC 440	Issues in Chronic Disease Management	3		
HSC 480	Global Perspectives of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>121</b>		

**Category 5: Additional Requirements at NKU**

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective (300/400 level) Hours</b>	<b>0</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>121</b>		

Updated April 2022

**IVY TECH AAS IN OPTICIAN AND EYE CARE TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

ITCC Course	Course or Category	Credits	NKU Course	Completed
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 123 or higher or MATH 200	Quantitative Reasoning or higher Statistics (preferred)	3	MAT 115 STA 205	
TBS XXX	<i>Social and Behavioral Ways of Knowing</i> The following courses satisfy an NKU General Education requirement: ANTH 154, ANTH 254, ECON 201, ECON 202, HIST 101, HIST 102, POLS 101, POLS 211, PSYC 101, PSYC 102, SOCI 111, SOCI 164, SOCI 245	3	TBD XXX	
TBS XXX	Life/Physical Science Elective Suggest APHY 101, CHEM 101, CHEM 105, CHEM 111, or CHEM 115 to satisfy NKU General Education	3	TBD XXX	
<b>Subtotal General Education Core</b>		<b>15</b>		

TBS XXX means to be selected by Ivy Tech student

TBD XXX means to be determined by NKU based on the course selected at Ivy Tech

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

**Category 2: ITCC Degree Requirements for AAS in Optician and Eye Care**

ITCC Course	Course or Category	Credits	NKU Course	Completed
IVYT 112	Student Success in Healthcare	1	UNV 100T	
HLHS 101	Medical Terminology	3	BIO 272	
HLHS 105	Medical Law and Ethics	3	PHI 220	
OPTI 111	Optical Concepts and Properties	3	HSC 100T	
OPTI 120	Ophthalmic Business Principles	3	HSC 100T	
OPTI 121	Ophthalmic Lens Laboratory Procedures	3	HSC 100T	
OPTI 131	Ophthalmic Optics	3	HSC 200T	
OPTI 151	Ophthalmic Procedures	3	HSC 200T	
OPTI 153	Ophthalmic Dispensing	3	HSC 200T	



ITCC Course	Course or Category	Credits	NKU Course	Completed
OPTI 155	Introduction to Clinic	1	HSC 200T	
OPTI 201	Anatomy & Physiology of the Eye	1	HSC 200T	
OPTI 232	Contact Lens and Ocular Refractive	3	HSC 200T	
OPTI 251	Ophthalmic Procedures II	3	HSC 300T	
OPTI 252	Refractive Concepts	3	HSC 300T	
OPTI 254	Clinical Practicum I	4	HSC 300T	
OPTI 255	Clinical Practicum II	4	HSC 300T	
OPTI 279	Optometric Technology Capstone	1	HSC 300T	
	<b>Subtotal Category 2 Courses</b>	<b>45</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>60</b>		

### Northern Kentucky University

#### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Natural Science	3	APHY 101, CHEM 101, CHEM 105, CHEM 111, CHEM 112, CHEM 115, GEOL 105, PHYS 101, SCIN 100, SCIN 111	
TBS XXX	Cultural Pluralism	0 or 3	SOCI 164, SOCI 245	
TBS XXX	Individual & Society (Different discipline from course taken above at ITCC)	3 or 6	ANTH 254, ECON 201, ECON 202, POLS 101, PSYC 101, PYSC 102 SOC I 111	
TBS XXX	Culture & Creativity (Different discipline from course taken above at ITCC)	3 or 6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
	<b>Subtotal General Education Courses</b>	<b>18</b>		

TBS XXX means to be selected.

#### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
HHS 500	Teaching & Learning in Healthcare Education	3		
HIN 355	Foundations of Health Informatics	3		

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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 of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective (300/400 level) Hours</b>	<b>9</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

Updated April 2022

**IVY TECH AAS IN PARAMEDIC SCIENCE TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

ITCC Course	Course or Category	Credits	NKU Course	Completed
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
APHY 102	Anatomy and Physiology II	3	BIO 209/209L	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 123 or higher or MATH 200	Quantitative Reasoning or higher Statistics (preferred)	3	MAT 115 STA 205	
TBS XXX	<i>Humanistic and Artistic Ways of Knowing or Social and Behavioral Ways of Knowing</i> The following courses satisfy an NKU General Education requirement: ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HUMA 100, HUMA 118, PHIL 101, PHIL 102, PHIL 220, SPAN 101, ANTH 154, ANTH 254, ECON 201, ECON 202, HIST 101, HIST 102, POLS 101, POLS 211, PSYC 101, PSYC 102, SOC 111, SOCI 164, SOCI 245	3	TBD XXX	
<b>Subtotal General Education Core</b>		<b>18</b>		

TBS XXX means to be selected by Ivy Tech student

TBD XXX means to be determined by NKU based on the course selected at Ivy Tech

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

**Category 2: ITCC Degree Requirements for AAS in Paramedic Science**

ITCC Course	Course or Category	Credits	NKU Course	Completed
IVYT 1XX	Student Success Elective	1	UNV 100T	
PARM 102	Emergency Medical Technician	7.5	HSC 100T	
PARM 111	Preparatory	3	HSC 100T	
PARM 112	Prehospital Pharmacology	3	HSC 200T	
PARM 115	Airway, Patient Assessment	3.5	HSC 200T	
PARM 116	Clinical Application I	1.5	HSC 200T	
PARM 200	Trauma	3	HSC 200T	

ITCC Course	Course or Category	Credits	NKU Course	Completed
PARM 210	Medical I	6	HSC 200T	
PARM 213	Medical II	5	HSC 200T	
PARM 215	Special Considerations	3.5	HSC 300T	
PARM 216	Clinical Application II	1.5	HSC 300T	
PARM 219	Clinical Application III	1.5	HSC 300T	
PARM 220	Operations	2.5	HSC 300T	
PARM 221	Ambulance Internship	6	HSC 300T	
	<b>Subtotal Category 2 Courses</b>	<b>48.5</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>66.5</b>		

### Northern Kentucky University

#### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Natural Science	3	CHEM 101, CHEM 105, CHEM 111, CHEM 112, CHEM 115, GEOL 105, PHYS 101, SCIN 100, SCIN 111	
TBS XXX	Cultural Pluralism	0 or 3	SOCI 164, SOCI 245	
TBS XXX	Individual & Society (Different discipline from course taken above at ITCC)	3 or 6	ANTH 254, ECON 201, ECON 202, POLS 101, PSYC 101, PYSC 102 SOC I 111	
TBS XXX	Culture & Creativity (Different discipline from course taken above at ITCC)	3 or 6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118 PHIL 101, SPAN 101	
TBS XXX	Global Viewpoints	0 or 3	ANTH 154, PHIL 102, PHIL 220, POLS 211	
	<b>Subtotal General Education Courses</b>	<b>21</b>		

TBS XXX means to be selected.

#### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
HHS 500	Teaching & Learning in Healthcare Education	3		

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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 of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective (300/400 level) Hours</b>	<b>0</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120.5</b>		

Updated April 2022

**IVY TECH AS IN PHYSICAL THERAPIST ASSISTANT TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

ITCC Course	Course or Category	Credits	NKU Course	Completed
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
APHY 102	Anatomy and Physiology II	3	BIO 209/209L	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 136 or MATH 2XX	College Algebra or MAT 2XX Level Math Elective Math 200: Statistics (preferred)	3	(MAT 102 or MAT 103) + MAT 100T  STA 205	
PSYC 101	Introduction to Psychology	3	PSY 100	
SCIN 111	Physical Science	3	SCI 110	
SOCI 111	Introduction to Sociology	3	SOC 100	
	<b>Subtotal General Education Core</b>	<b>24</b>		

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

Grade of A or B in MATH 136 equates to MAT 103 + MAT 100T. Grade of C or D in MATH 136 equates to MAT 102 + MAT 100T.

**Category 2: ITCC Degree Requirements for AS in Physical Therapist Assistant**

ITCC Course	Course or Category	Credits	NKU Course	Completed
IVYT 112	Student Success in Healthcare	1	UNV 100T	
PTAS 101	Therapist Assistant	3	HSC 100T	
PTAS 102	Diseases, Trauma, and Terminology	3	HSC 200T	
PTAS 103	Physical Therapist Assistant	3	HSC 200T	
PTAS 106	Treatment Modalities I	5	HSC 200T	
PTAS 107	Kinesiology	5	HSC 200T	
PTAS 115	Clinical I	3	HSC 200T	
PTAS 201	Treatment Modalities II	3	HSC 200T	
PTAS 202	Populations	2	HSC 200T	
PTAS 205	Clinical II	6	HSC 300T	
PTAS 215	Clinical III	6	HSC 300T	
PTAS 217	Treatment Modalities III	5	HSC 300T	
PTAS 224	Current Issues and Review	1	HSC 300T	

ITCC Course	Course or Category	Credits	NKU Course	Completed
	<b>Subtotal Category 2 Courses</b>	<b>46</b>		
	<b>Total Associate Degree Credit Hours</b>	<b>70</b>		

### Northern Kentucky University

#### Category 3: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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 of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

#### Category 4: Additional Requirements at NKU

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
	<b>Subtotal Elective Hours</b>	<b>17</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

Updated April 2022

**IVY TECH AAS IN SURGICAL TECHNOLOGY TO  
NKU BS IN HEALTH SCIENCE – DEGREE COMPLETION TRACK**

**Ivy Tech Community College of Indiana**

**Category 1: ITCC Indiana College Core Competencies**

<b>ITCC Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
APHY 101	Anatomy and Physiology I	3	BIO 208/208L	
APHY 102	Anatomy and Physiology II	3	BIO 209/209L	
COMM 101 or COMM 102	Fundamentals of Public Speaking or Introduction to Interpersonal Communication	3	CMST 101 or CMST 220	
ENGL 111	English Composition	3	ENG 101	
MATH 123 or higher or MATH 200	Quantitative Reasoning or higher  Statistics (preferred)	3	MAT 115  STA 205	
PSYC 101 or SOCI 111	Introduction to Psychology or Introduction to Sociology	3	PSY 100 SOC 100	
<b>Subtotal General Education Core</b>		<b>18</b>		

Completion of COMM 102 and the AAS degree will satisfy the Oral Communication general education requirement at NKU.

**Category 2: ITCC Degree Requirements for AAS in Surgical Technology**

<b>ITCC Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	<b>Completed</b>
IVYT 112	Student Success in Healthcare	1	UNV 100T	
BIOL 2XX	General Microbiology	3-4	TBD XXX	
HLHS 101	Medical Terminology	3	BIO 272	
HLHS 105	Medical Law and Ethics	3	PHI 220	
SURG 111	Fundamentals of Surgical Technology	4	HSC 100T	
SURG 112	Application of Surgical Fundamentals	2	HSC 100T	
SURG 113	Surgical Procedures I	3	HSC 200T	
SURG 114	Clinical Applications I	3	HSC 200T	
SURG 203	Surgical Pharmacology	3	HSC 200T	
SURG 211	Surgical Procedures II	6	HSC 300T	
SURG 212	Clinical Applications II	9	HSC 300T	
SURG 213	Surgical Procedures III	3	HSC 300T	
SURG 214	Clinical Applications III	7	HSC 300T	
<b>Subtotal Category 2 Courses</b>		<b>50</b>		
<b>Total Associate Degree Credit Hours</b>		<b>68</b>		



## Northern Kentucky University

### Category 3: NKU Additional General Education Requirements

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
TBS XXX	Written Communication II	3	ENGL 215	
TBS XXX	Natural Science	3	CHEM 101, CHEM 105, CHEM 111, CHEM 112, CHEM 115, GEOL 105, PHYS 101, SCIN 100, SCIN 111	
TBS XXX	Cultural Pluralism	3	SOCI 164, SOCI 245	
TBS XXX	Individual & Society (Different discipline from course taken above at ITCC)	3	ANTH 254, ECON 201, ECON 202, POLS 101, PSYC 101, PYSC 102, SOC I 111	
TBS XXX	Culture & Creativity	6	ARTH 101, ARTH 102, ARTH 110, ENGL 206, ENGL 214, FREN 101, HIST 101, HIST 102, HUMA 100, HUMA 118, PHIL 101, SPAN 101	
	<b>Subtotal General Education Courses</b>	<b>18</b>		

TBS XXX means to be selected.

### Category 4: NKU Major Requirements for the BS in Health Science – Degree Completion Track

NKU Course	Course	Credits	ITCC Course	Taken at ITCC
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 of Healthcare	3		
HSC 510	Trends and Cultural Issues in Healthcare	3		
LDR 308	Leadership Development	3		
STA 205	Statistical Methods	3	MATH 200	
	<b>Subtotal NKU Major Credit Hours at NKU</b>	<b>33</b>		

**Category 5: Additional Requirements at NKU**

<b>NKU Course</b>	<b>Course</b>	<b>Credits</b>	<b>ITCC Course</b>	<b>Taken at ITCC</b>
	<b>Subtotal Elective Hours</b>	<b>1</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

Updated April 2023