

## **PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Agreement with Respect to Applying the

### **HEALTH INFORMATION TECHNICIAN**

**Associate of Applied Sciences Degree Program**

Towards the

### **HEALTH INFORMATION MANAGEMENT MAJOR**

**Bachelor of Science in Health Informatics & Information Management Degree Program**

Between

NORTH DAKOTA STATE COLLEGE OF SCIENCE

and

DAKOTA STATE UNIVERSITY

#### **I. Parties**

The parties to this agreement are North Dakota State College of Science (NDSCS) and Dakota State University (DSU).

#### **II. Purpose**

The purpose of this agreement is to:

- A. Have a signed articulation agreement that addresses the varying needs of students and complementary nature of the institutions' programs;
- B. Provide increased education opportunities for students from North Dakota, South Dakota and the region;
- C. Extend and clarify educational opportunities for students;
- D. Provide NDSCS students who have completed the A.A.S degree in Health Information Technician Program (Attachment A) an opportunity to earn a Bachelor of Science in Health Informatics & Information Management degree (Attachment B).

#### **III. Academic Program**

- A. Upon successful completion of the major requirements specified in III. B below, Dakota State University will accept 38 major course credits from the NDSCS A.A.S. degree in Health Information Technician program. Students must successfully complete the A.A.S. degree in Health Information Technician Program from NDSCS prior to transferring to Dakota State University for the course credits to be accepted. General

Education coursework is in addition to the 38 major course credits. Students must meet all Board of Regents policies and university graduation requirements in order to receive a degree. The Bachelor of Science in Health Informatics & Information Management degree requires 120 credits.

B. Requirements to be completed at Dakota State University to earn a Bachelor of Science in Health Informatics & Information Management degree are outlined below.

**DSU Health Informatics & Information Management Course Requirements: 37 credits**

BADM 220 Business Statistics (3 credits) or MATH 281 Introduction to Statistics (3 credits)  
 CIS 123 Problem Solving and Programming (3 credits) OR CIS 130 Visual Basic Programming (3 credits) OR CSC 150 Computer Science I (3 credits)  
 CIS 338 Project Management (3 credits)  
 CIS 438 Advanced Project Management (3 credits)  
 CIS 484 Database Management Systems (3 credits)  
 HIM 360 Leadership for Health Informatics & Information Management (4 credits)  
 HIM 380 Digital Healthcare Data Analytics (4 credits)  
 HIM 386 Clinical Documentation Integrity (2 credits)  
 HIM 450 Research in Health Informatics & Information Management (3 credits)  
 HIM 444 Digital Health Technology (3 credits)  
 HIM 440 Healthcare Information Governance (3 credits)  
 HIM 488 HIM Classrooms to HIM Careers (1 credits)  
 HIM 485 Supervised Professional Practice (2 credits)

C. Requirements that will be accepted as transfer credit from NDSCS to earn a Bachelor of Science in Health Informatics & Information Management degree are outlined below. Transfer courses in the Health Information Technology major must have a minimum grade of “C” or satisfactory.

**DSU credits accepted as transfer credits from NDSCS: 38 credits**

HIM 130 Basic Medical Terminology	(2 credits)
HIM 150 Introduction to Digital Health Informatics & Information Management	(4 credits)
CSC 105 Introduction to Computers	(3 credits)
HIM 169 Legal Aspects of Health Information Management I	(1 credit)
HIM 170 Legal Aspects of Health Information Management II	(2 credits)
HIM 225 Intro to Digital Health Info Systems	(3 credits)
HIM 180 Fundamentals of Human Disease	(3 credits)
HIM 240 ICD Healthcare Coding Systems	(4 credits)
HIM 252 Healthcare Statistics	(3 credits)
HIM 257 Management & Supervision of HIM	(2 credits)
HIM 265 HIM Data Quality and Outcomes	(3 credits)
HIM 285 Supervised Professional Practice	(2 credits)
HIM 362 Healthcare Procedure Coding Systems	(3 credits)
HIM 364 Revenue Cycle Management	(3 credits)

D. Requirements that will be accepted as transfer credit from NDSCS to earn a Bachelor of Science in Health Informatics & Information Management degree or can be completed at Dakota State University are outlined below. Degree residency requirements must be met including the following (see BOR Policy 2:33).

1. A minimum of 30 credit hours must be earned at DSU.
2. A minimum of 15 of the last credit hours must be earned at DSU.
3. Up to 66 credit hours may be transferred to DSU.

**General Education/Institutional Graduation Requirement Courses: 30 credits \***

The 30 credits must meet System General Education requirements and be selected from the approved list of courses specified in BOR policy 2:7. \* Note: Transferable general education course credits can be completed at NDSCS.

**Electives: 15 credits**

Electives to be completed at NSCSC or DSU to earn a Bachelor of Science in Health Informatics & Information Management degree.

**Total Requirements for Bachelor's of Science in Health Informatics & Information Management Degree at Dakota State University**

**DSU Course Requirements: 37 credits**

**NDSCS Transfer Course Requirements: 38 credits**

**General Education/Institutional Requirement Course Requirements: 30 credits**

**Electives: 15 credits**

**TOTAL: 120 Credits**

**Additional requirements:**

1. Students must complete DSU's online undergraduate admission process.
2. Students must successfully complete DSU's HIIM BS Admission interview process outlined in the undergraduate catalog.
3. Students must take DSU's HIIM AS program exit exam and score 70% or higher to validate competencies as a part of the HIIM BS Admission process. Students who have taken a prior AS/AAS HIT exit exam from a CAHIIM accredited program may submit scores to DSU. The HIIM BS Admission Committee may require additional coursework, if indicated, to ensure students have completed coursework including all AHIMA curriculum competencies.
4. Students must take DSU's Exit Exam prior to graduation, as required of all students graduating with the BS.

**IV. Obligations**

Both parties agree to confer with each other on a yearly basis regarding changes in curricula involved this articulation agreement.

**V. Modification**

This agreement may be modified from time to time by the South Dakota Board of Regents and North Dakota State College of Science with approval by the South Dakota Board of Education. Modifications may not diminish the entitlements enjoyed by students who have already attended classes delivered under the terms of earlier versions of the agreement, except in rare instances in which retroactive implementation of modifications may be required to comply with accreditation standards or to conform to professional licensure requirements.

**VI. Effective Date of Agreement:** Start Date of the Fall 2023 term at North Dakota State College of Science and Dakota State University. The agreement applies to students who graduated from North Dakota State College of Science in 2023 and subsequent years.

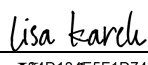
**VII. Acceptance of Agreement:**

**For Dakota State University:**

DocuSigned by:  
  
F8E7B870873741C... Date: 10/13/2023

Dr. Rebecca Hoey  
Provost and VP of Academic Affairs

**For North Dakota State College of Science:**

DocuSigned by:  
  
734D130E5F1D7410... Date: July 10, 2023

Dr. Lisa Karch  
Vice President for Academic Affairs &  
Chief Academic Officer

**Attachment A: North Dakota State College of Science  
Health Information Technician Program Course Listing 2022-23  
Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 69**

**Course Code Course Title Credits**

HIT 176 Introduction to Health Information 4  
HIT 180 Pathopharmacology 3  
HIT 181 Healthcare Delivery Systems 3  
HIT 184 Basic Diagnosis Coding 3  
HIT 185 Basic Procedure Coding 3  
HIT 197 Professional Practice I 2  
HIT 280 Coding Application (8 wks.) 2  
HIT 281 Health Law, Privacy and Ethics 3  
HIT 282 Health Information Data Analytics 3  
HIT 283 Health Information Leadership (8 wks.) 2  
HIT 284 Healthcare Quality Management 3  
HIT 285 Reimbursement Methodologies 3  
HIT 286 Intermediate Diagnosis Coding 3  
HIT 287 Computer Applications in Healthcare 3  
HIT 288 Intermediate Procedure Coding 3  
HIT 297 Professional Practice II 2

**Related/General Education Courses**

BIOL 220\*\* Anatomy and Physiology I 3  
BIOL 221\*\* Anatomy and Physiology II 3  
BOTE 171 Medical Terminology 4  
COMM 110 Fundamentals of Public Speaking 3  
CSCI 116 Business Use of Computers 3  
ENGL 110 College Composition I 3  
FYE 101 Science of Success 1  
HPER Elective(s) 2  
PSYC 100 Human Relations in Organizations 2

**Total Required Credits 69**

\*\*BIOL 220L and BIOL 221L are recommended for students who are planning to complete a transfer degree at a later time

**Attachment B DSU and NDSCS Course Mapping for 2023-2024**

DSU

NDSCS

2023-2024 Catalog

2022-2023 Catalog

<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>
BADM 220 Business Statistics or MATH 281 Intro to Statistics	3		
CSC 105 Intro to Computers	3	CSCI 116 Business Use of Computers	3
CIS 123 Problem Solving & Prog CSC 130 Visual Basic Prog CSC 150 Computer Sc I	3		
CIS 338 Project Management	3		
CIS 438 Advanced Project Management	3		
CIS 484 Database Management Systems	3		
HIM 130 Basic Medical Terminology	2	BOTE 171 Medical Terminology	4
HIM 150 Intro to Digital HIIM	4	HIT 176 Introduction to Health Information	4
HIM 169 Legal Aspects of HIM I	1	HIT 281 Health Law, Privacy and Ethics	3
HIM 170 Legal Aspects of HIM II	2	HIT 281 Health Law, Privacy and Ethics	-
HIM 180 Fundamentals of Human Disease	3	HIT 180 Pathopharmacology	3
HIM 225 Intro to Digital Hlth Info Sys	3	HIT 287 Computer Applications in Healthcare	3
HIM 240 ICD Healthcare Coding Sys	4	HIT 184 Basic Diagnosis Coding	3
HIM 252 Health Statistics	3	HIT 282 Health Information Data Analytics	3
HIM 257 Mgmt and Supervision of HIM	2	HIT 283 Health Information Leadership (8 wks.)	2
HIM 265 HIM Data Quality & Outcomes	3	HIT 284 Healthcare Quality Management	3
HIM 285 Supervised Prof Practice	2	HIT 197 Professional Practice I	2
HIM 360 Leadership for HIIM	4		
HIM 362 Healthcare Proc Coding Sys	3	HIT 185 Basic Procedure Coding	3
HIM 364 Revenue Cycle Mgmt	3	HIT 285 Reimbursement Methodologies	3
HIM 380 Digital Health Data Analytics	4		
HIM 386 Clinical Doc Integrity	2		
HIM 440 Healthcare Info Governance	3		
HIM 444 Digital Health Technology	3		
HIM 450 Digital HIIM Research	3		
HIM 485 Supervised Professional Practice	2		
HIM 488 HIM Classrooms to HIM Careers	1		
		HIT 181 Healthcare Delivery Systems	3
		HIT 280 Coding Application (8 wks.)	2
		HIT 286 Intermediate Diagnosis Coding	3
		HIT 288 Intermediate Procedure Coding	3
		HIT 297 Professional Practice II	2

Effective Fall 2023