



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

Institutional Substantive Program Modification Requests

Institution: Dakota State University **Date:** 3-15-21

Institutional representatives should provide direct links to PDF documents for each of the program modification requests represented below. All requests should be posted on the campus Curriculum and Instruction website one week prior to the Academic Affairs Council meeting where the program modification request is being considered.

<i>Program Title</i>	<i>Approval</i>
BS Biology – BSEd Biology	JL
AS Health Information Technology	JL
BS Health Information Administration	JL
Healthcare Coding Certificate	JL

Program modifications referenced above for approval have been reviewed by the Academic Affairs Council and the System Vice President for Academic Affairs and may be advanced forward for entry in the student information system. For those program modifications listed above that did not receive approval, additional clarification or justification will be necessary and should be re-routed through the review process on a separate “Institutional Substantive Program Modification Requests” form once all issues have been resolved.



Signature: System Vice President for Academic Affairs

Date



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

Substantive Program Modification Form

Use this form to request minor changes in existing programs (majors, minors, certificates, or specializations).

UNIVERSITY:	DSU
CURRENT PROGRAM TITLE:	B.S. in Biology and B.S. Ed. In Biology Education
CIP CODE:	26.9999
UNIVERSITY DEPARTMENT:	College of Arts and Sciences
BANNER DEPARTMENT CODE:	DAS
UNIVERSITY DIVISION:	
BANNER DIVISION CODE:	DSCI

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Vice President of Academic Affairs or
President of the University

1/28/2021

Date

1. This modification addresses a change in (place an "X" in the appropriate box):

- | | |
|--|---|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input checked="" type="checkbox"/> Total credits of supportive course work |
| <input type="checkbox"/> Total credits of elective course work | <input type="checkbox"/> Total credits required for program |
| <input checked="" type="checkbox"/> Program name | <input checked="" type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input checked="" type="checkbox"/> Other (explain below) |

Other: In this Substantive Program Modification form, DSU is proposing collapsing two majors (Biology and Biology Education) into one major (BS in Biology) with two specializations (Integrative Biology and Biology Education).

2. Effective date of change: 7/1/2021

3. Program Degree Level (place an "X" in the appropriate box):

Associate Bachelor's Master's Doctoral

4. Category (place an "X" in the appropriate box):

Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur (place an "X" in the appropriate box):

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name: B.S. in Biology

Reminder: Name changes may require updating related articulation agreements, site approvals, etc.

6. Primary Aspects of the Modification (add lines or adjust cell size as needed):

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num	Title	Cr. Hrs.	Pref.	Num	Title	Cr. Hrs.
System Wide General Education Requirement*			30	System Wide General Education Requirement*			30
Majors must take BIOL 151/151L and BIOL 153/153L as part of the System-wide General Education Requirement.				Majors must take BIOL 151/151L and BIOL 153/153L as part of the System-wide General Education Requirement. Students choosing the education specialization should take ESPY 210 and INED 211 as part of System-wide General Education Requirements			
Biology Component			40	Biology Core			21
BIOL	145	Introduction to Scientific Inquiry	1	BIOL	145	Introduction to Scientific Inquiry	1
BIOL	221	Human Anatomy	4	BIOL	221	Human Anatomy	4
BIOL	221L	Human Anatomy Lab	0	BIOL	221L	Human Anatomy Lab	0
BIOL	280	Inquiry and Analysis in Biology	1	BIOL	280	Inquiry and Analysis in Biology	1
BIOL	280L	Inquiry and Analysis of Biology Lab	1	BIOL	280L	Inquiry and Analysis of Biology Lab	1
BIOL	311	Principles of Ecology	4	BIOL	311	Principles of Ecology	4
BIOL	311L	Principles of Ecology Lab	0	BIOL	311L	Principles of Ecology Lab	0
BIOL	331	Microbiology	4	BIOL	331	Microbiology	4
BIOL	331L	Microbiology Lab	0	BIOL	331L	Microbiology Lab	0
BIOL	371	Genetics	4	BIOL	371	Genetics	4
BIOL	371L	Genetics Lab	0	BIOL	371L	Genetics Lab	0
BIOL	498	Undergraduate Research/Scholarship (2 credits required)	2	BIOL	498	Undergraduate Research/Scholarship (2 credits required)	2
Integrative Biology Emphasis (19 Credits) Choose one of the following emphases							
BIOL	365	Vertebrate Zoology	4				
BIOL	365L	Vertebrate Zoology Lab	0				

				Chemistry Component	8	
				CHEM 112 General Chemistry	4	
				CHEM 112L General Chemistry Lab	0	
				CHEM 114 General Chemistry II	4	
				CHEM 114L General Chemistry II	0	
				Computer Technology Component	12	
				CSC 105 Introduction to Computers	3	
				CIS 350 Computer Hardware, Data Communications, and Networking	3	
				BIOL 303 Introduction to Biological Instrumentation	3	
				Choose one course from the following (3 credits)		
				CIS 123 Problem Solving and Programming	3	
				CIS 130 Visual Basic Programming		
				CIS 150 Computer Science		
				Professional Education Component	28	
				All Professional Education Courses must be completed with a "C" or better.		
				*No Grade Less than a "C" and must be complete prior to admission to Teacher Education.		
				EDFN 338 Foundations of American Ed	2	
				EDFN 475 Human Relations	3	
				EPSY 302 Educational Psychology	3	
				SEED 295 Practicum	1	
				SEED 100 Introduction to Persons with Exceptionalities	3	
				Note: Admission to the Teacher Education Program is required for the remaining courses. See Requirements for Admission in the College of Education section.		
				SEED 302 Secondary/Middle/Content Area Major	2	
				SEED 401 Methods of Educational Technology	1	
				SEED 440 Classroom Management	2	
				SEED 450 Reading and content Literacy	3	
				SEED 488 7-12 Student Teaching	8	
		Electives	9	Electives	10	
Total number of hours required for major, minor, or specialization			81	Total number of hours required for major, minor, or specialization		80
Total number of hours required for degree			120	Total number of hours required for degree		120

7. Explanation of the Change:

The current Biology (B.S.) and Biology Education (B.S.ED.) degrees are both programs with a major in biology including a series of computer technology and other science support courses. We propose merging these degree programs under the same name (Biology B.S.), and distinguish them by specializations within the program. This change is consistent with recent modifications made to the two other College of Arts and Sciences programs offering education programs at Dakota State

University: English and Math. South Dakota State University and the University of South Dakota also offer the education certification as a specialization of the B.S. in Biology.

This modification places most of the current courses in the Biology major within a new specialization called Integrative Biology which reflects the breadth of study from molecules and cells to organisms and ecosystems. Two current emphases in the Biology major are removed to reduce confusion about the course of study.



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ACADEMIC AFFAIRS FORMS**

Substantive Program Modification Form

Use this form to request minor changes in existing programs (majors, minors, certificates, or specializations).

UNIVERSITY:	DSU
CURRENT PROGRAM TITLE:	AS Health Information Technology Program
CIP CODE:	51.0707
UNIVERSITY DEPARTMENT:	Health Information Management
BANNER DEPARTMENT CODE:	DHIMS - DHIT
UNIVERSITY DIVISION:	College of BIS
BANNER DIVISION CODE:	DBIS

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Vice President of Academic Affairs or
President of the University

2/17/2021

Date

1. This modification addresses a change in (place an "X" in the appropriate box):

- | | |
|--|--|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input type="checkbox"/> Total credits of elective course work | <input checked="" type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input type="checkbox"/> Other (explain below) |

2. Effective date of change: 8/2/2021

3. Program Degree Level (place an "X" in the appropriate box):

Associate Bachelor's Master's Doctoral

4. Category (place an "X" in the appropriate box):

Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur (place an “X” in the appropriate box):

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name: _____

Reminder: Name changes may require updating related articulation agreements, site approvals, etc.

6. Primary Aspects of the Modification (add lines or adjust cell size as needed):

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
General Education			18	General Education			18
Health Information Technology Courses			46	Health Information Technology Courses			47
BIOL	323 OR 221 AND 325	Human Anatomy and Physiology OR Human Anatomy AND Physiology	4	BIOL BIOL BIOL	323 OR 221 AND 325	Human Anatomy and Physiology OR Human Anatomy AND Physiology	4
HIM	101	Health Information Management Profession	1	HIM	101	Health Information Management Profession	1
HIM	130	Basic Medical Terminology	2	HIM	130	Basic Medical Terminology	2
HIM	150	Introduction to Health Information Management	3	HIM	150	Introduction to Health Information Management	3
HIM	169	Legal Aspects of Health Information	1	HIM	169	Legal Aspects of Health Information	1
HIM	170	Legal Aspects of Health Management II	2	HIM	170	Legal Aspects of Health Management II	2
HIM	180	Fundamentals of Disease and Diagnosis Coding I	4	HIM	180	Fundamentals of Human Disease	3
HIM	225	Intro to Healthcare Info Systems	3	HIM	225	Intro to Healthcare Info Systems	3
HIM	240	Fundamentals of Disease and Diagnosis Coding II	4	HIM	240	ICD Healthcare Coding Systems	4
HIM	252	Basic Foundations of Health Data Systems	2	HIM	252	Basic Foundations of Health Data Systems	2
HIM	257	Mgmt and Supervision of HIM	2	HIM	257	Mgmt and Supervision of HIM	2
HIM	265	HIM Quality Management	3	HIM	265	HIM Quality Management	3
HIM	285	Supervised Professional Practice	2	HIM	285	Supervised Professional Practice	2
HIM	288	HIM Classrooms to HIM Careers	1	HIM	288	HIM Classrooms to HIM Careers	1

HIM	362	Healthcare Procedure Coding Systems	3	HIM	362	Healthcare Procedure Coding Systems	3
HIM	364	Revenue Cycle Management	1	HIM	364	Revenue Cycle Management	3
HIM	370	Practical Coding Application	2	HIM	370	Practical Coding Application	2
CSC	105	Introduction to Computers	3	CSC	105	Introduction to Computers	3
CIS	123	Problem Solving and Programming OR Visual Basic Programming OR Computer Science I	3	CIS	123	Problem Solving and Programming OR Visual Basic Programming OR Computer Science I	3
CIS	130						
CSC	150						
Total number of hours required for major, minor, or specialization				Total number of hours required for major, minor, or specialization			
Total number of hours required for degree			64	Total number of hours required for degree			65

7. Explanation of the Change:

The rotation for courses is being improved so students will complete biology, anatomy and physiology, and pathopharmacology their first year. The students will not start ICD 10 coding classes until the second year. Historically the second semester of the program has been too heavy for students so this change will result in an improved workflow. HIM 180 and 240 are being changed along with credits for HIM 364 being increased.



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Substantive Program Modification Form

Use this form to request minor changes in existing programs (majors, minors, certificates, or specializations).

UNIVERSITY:	DSU
CURRENT PROGRAM TITLE:	BS Health Information Administration
CIP CODE:	51.0706
UNIVERSITY DEPARTMENT:	Health Information Management
BANNER DEPARTMENT CODE:	DHIMS – DBS.HIA
UNIVERSITY DIVISION:	College of BIS
BANNER DIVISION CODE:	DHIM

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Vice President of Academic Affairs or
President of the University

2/17/2021

Date

1. This modification addresses a change in (place an "X" in the appropriate box):

- | | |
|--|--|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input checked="" type="checkbox"/> Total credits of elective course work | <input type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input type="checkbox"/> Other (explain below) |

2. Effective date of change: 8/2/2021

3. Program Degree Level (place an "X" in the appropriate box):

Associate Bachelor's Master's Doctoral

4. Category (place an "X" in the appropriate box):

Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur (place an “X” in the appropriate box):

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name: _____

Reminder: Name changes may require updating related articulation agreements, site approvals, etc.

6. Primary Aspects of the Modification (add lines or adjust cell size as needed):

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
General Education			30	General Education			30
Core Courses			76	Required Courses			77
ACCT	210	Principles of Accounting I	3				
				HIM	386	Clinical Documentation Integrity	2
BADM	220	Business Statistics OR	3	BADM	220	Business Statistics OR	3
MATH	281	Introduction to Statistics		MATH	281	Introduction to Statistics	
BADM	344	Managerial Communications OR	3	BADM	344	Managerial Communications OR	3
ENGL	379	Technical Communication		ENGL	379	Technical Communication	
BIOL	323	Human Anatomy and Physiology OR Human	4	BIOL	323	Human Anatomy and Physiology OR Human	4
BIOL	221	Anatomy		BIOL	221	Anatomy	
BIOL	325	AND Physiology		BIOL	325	AND Physiology	
CSC	105	Introduction to Computers	3	CSC	105	Introduction to Computers	3
CIS	123	Problem Solving and Programming OR	3	CIS	123	Problem Solving and Programming OR	3
CIS	130	Visual Basic Programming OR		CIS	130	Visual Basic Programming OR	
CSC	150	Computer Science I		CSC	150	Computer Science I	
CIS	208	Advanced Applications: Database	1	CIS	208	Advanced Applications: Database	1
CIS	338	Project Management	3	CIS	338	Project Management	3
HIM	101	Health Information Management Profession	1	HIM	101	Health Information Management Profession	1
HIM	130	Basic Medical Terminology	2	HIM	130	Basic Medical Terminology	2
HIM	150	Introduction to Health Information Management	3	HIM	150	Introduction to Health Information Management	3
HIM	169	Legal Aspects of Health Information	1	HIM	169	Legal Aspects of Health Information	1
HIM	170	Legal Aspects of Health Information Management II	2	HIM	170	Legal Aspects of Health Information Management II	2

HIM	180	Fundamentals of Disease and Diagnosis Coding I	4	HIM	180	Fundamentals of Human Disease	3
HIM	225	Intro to Healthcare Infor Systems	3	HIM	225	Intro to Healthcare Infor Systems	3
HIM	240	Fundamentals of Disease and Diagnosis Coding II	4	HIM	240	ICD Healthcare Coding Systems	4
HIM	252	Basic Foundations Health Data Systems	2	HIM	252	Basic Foundations Health Data Systems	2
HIM	257	Management and Supervision of HIM	2	HIM	257	Management and Supervision of HIM	2
HIM	265	HIM Quality Management	3	HIM	265	HIM Quality Management	3
HIM	285	Supervised Professional Practice	2	HIM	285	Supervised Professional Practice	2
HIM	360	Leadership and Strategic Management	4	HIM	360	Leadership and Strategic Management	4
HIM	362	Healthcare Procedure Coding Systems	3	HIM	362	Healthcare Procedure Coding Systems	3
HIM	364	Revenue Cycle Management	1	HIM	364	Revenue Cycle Management	3
HIM	370	Practical Coding Application	2	HIM	370	Practical Coding Application	2
HIM	380	Healthcare Data Analytics	3	HIM	380	Healthcare Data Analytics	4
HIM	440	Healthcare Information Governance	2	HIM	440	Healthcare Information Governance	2
HIM	444	Advanced Health Data Systems	3	HIM	444	Advanced Health Data Systems	3
HIM	450	Research in Health Information Administration	3	HIM	450	Research in Health Information Administration	3
HIM	485	Health Record Admin Supervised Professional Practice	2	HIM	485	Health Record Admin Supervised Professional Practice	2
HIM	488	HIM Classroom to HIM Careers	1	HIM	488	HIM Classroom to HIM Careers	1
Electives			14	Electives			13
Total number of hours required for major, minor, or specialization			76	Total number of hours required for major, minor, or specialization			77
Total number of hours required for degree			120	Total number of hours required for degree			120

7. Explanation of the Change:

Changes in the HIM field indicate additional skills are needed in healthcare data analytics and clinical documentation integrity. In addition, coding courses are being revised to enable students to learn about normal function of the body, then diseases followed by learning to code various diagnoses and procedures for billing and other purposes for an improved sequence. Benchmarking with other CAHIIM accredited programs shows that HIA programs no longer include accounting. They do include some financial management which has already been incorporated into three of the HIM bachelor's courses. The number of electives is being reduced by one credit.



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Substantive Program Modification Form

Use this form to request minor changes in existing programs (majors, minors, certificates, or specializations).

UNIVERSITY:	DSU
CURRENT PROGRAM TITLE:	Healthcare Coding Certificate Program
CIP CODE:	510713
UNIVERSITY DEPARTMENT:	Health Information Management
BANNER DEPARTMENT CODE:	DHIM – DCERTU.HCC
UNIVERSITY DIVISION:	College of BIS - DCBIS
BANNER DIVISION CODE:	

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Vice President of Academic Affairs or
President of the University

2/17/2021

Date

1. This modification addresses a change in (place an "X" in the appropriate box):

- | | |
|--|--|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input type="checkbox"/> Total credits of elective course work | <input checked="" type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input type="checkbox"/> Other (explain below) |

2. Effective date of change: 8/2/2021

3. Program Degree Level (place an "X" in the appropriate box):

Associate Bachelor's Master's Doctoral

4. Category (place an "X" in the appropriate box):

Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur (place an “X” in the appropriate box):

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name: _____

Reminder: Name changes may require updating related articulation agreements, site approvals, etc.

6. Primary Aspects of the Modification (add lines or adjust cell size as needed):

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
BIOL	101 OR 151	Biology Survey I OR General Biology	3 or 4	BIOL	101 OR 151	Biology Survey I OR General Biology	3 or 4
BIOL	323 221 325	Human Anatomy and Physiology OR Human Anatomy AND Physiology	4 OR 4 4	BIOL	323 221 325	Human Anatomy and Physiology OR Human Anatomy AND Physiology	4 OR 4 4
CSC	105	Introduction to Computers	3	CSC	105	Introduction to Computers	3
HIM	101	Health Information Management Profession	1	HIM	101	Health Information Management Profession	1
HIM	130	Basic Medical Terminology	2	HIM	130	Basic Medical Terminology	2
HIM	150	Introduction to Health Information Management	3	HIM	150	Introduction to Health Information Management	3
HIM	169	Legal Aspects of Health Information	1	HIM	169	Legal Aspects of Health Information	1
HIM	180	Fundamentals of Disease and Diagnosis Coding I	4	HIM	180	Fundamentals of Human Disease	3
HIM	240	Fundamentals of Disease and Diagnosis Coding II	4	HIM	240	ICD Healthcare Coding Systems	4
				HIM	252	Basic Foundations Health Data Systems	2
HIM	362	Healthcare Procedure Coding Systems	3	HIM	362	Healthcare Procedure Coding Systems	3
HIM	364	Revenue Cycle Management	1	HIM	364	Revenue Cycle Management	3
HIM	370	Practical Coding Application	2	HIM	370	Practical Coding Application	2
Total number of hours required for major, minor, or specialization			31-36	Total number of hours required for major, minor, or specialization			34-39
Total number of hours required for degree				Total number of hours required for degree			

7. Explanation of the Change:

The rotation for courses is being improved so students will complete biology, anatomy and physiology, and pathopharmacology their first year. The students will not start ICD 10 diagnosis and procedure coding classes until the second year. Historically the second semester of the program has been too heavy for students so this change will result in an improved workflow. Healthcare statistics is being added into the program to better prepare students for roles in the workforce. We are also increasing credits for HIM 364 and adding HIM 252 to the certificate.