

ACADEMIC AFFAIRS COUNCIL

AGENDA ITEM: 4 – A (2)

DATE: April 22, 2020

SUBJECT

Program Modifications – NSU

CONTROLLING STATUTE, RULE, OR POLICY

BOR Policy 2:23 – Program and Curriculum Approval
AAC Guideline 2.3 – Substantive Program Modifications
AAC Guideline 2.3.A – Institutional Substantive Program Modification Requests
Summary

BACKGROUND / DISCUSSION

Northern State University has submitted the following program modification proposals provided in Attachment I. These are under review by the System Vice President for Academic Affairs. These requests are also available on the Institutional Substantive Program Modification Requests Webpage.

Existing Program: Substantive Program Modification

- Business Administration (AS) – MIS Specialization – request to change total credits required within the discipline, total credits of elective course work, and total credits required for the program
• Business Administration (AS) – request to change total credits required within the discipline, total credits of elective course work, and total credits required for the program
• Elementary Education Science Minor – request to change total credits required for the program, and program name
• Entrepreneurial Studies Minor – request to change total credits of elective course work, total credits required for the program, and program name
• Teaching and Learning (MSEd) – request to change total credits required within the discipline, total credits of elective course work, and total credits required for the program
• STEM Certificate (Graduate) – request to change program name

(Continued)

DRAFT MOTION

Review and discuss any issues or concerns regarding NSU’s program modification requests prior to them moving forward upon final review and approval by the System Vice President for Academic Affairs.

Program Modifications-NSU

April 22, 2020

Page 2 of 2

IMPACT AND RECOMMENDATION

Upon approval by the System VPAA, the proposals will move forward for entry into Colleague.

ATTACHMENTS

Attachment I – NSU: Substantive Program Modification Requests Summary Form



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

Institutional Substantive Program Modification Requests

Institution: _____ **Northern State University** _____ **Date:** _____ **4/8/2020** _____

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>
Business Administration – MIS Specialization (AS)		
Business Administration (AS)		
Elementary Education Science Minor		
Entrepreneurial Studies Minor		
Teaching and Learning (MSEd)		
STEM Certificate (Graduate)		

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 Colleague. 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:	NSU
CURRENT PROGRAM TITLE:	AS- Business Administration – Management Information Systems Specialization
CIP CODE:	
UNIVERSITY DEPARTMENT:	
BANNER DEPARTMENT CODE:	
UNIVERSITY DIVISION:	School of Business
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.

Michael Wenous

Vice President of Academic Affairs or
President of the University

3/5/2020

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 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: 6/1/2020

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.
ACCT	210	Principles of Accounting I	3	ACCT	210	Principles of Accounting I	3
ACCT	211	Principles of Accounting II	3	ACCT	211	Principles of Accounting II	3
BADM	244	Business Communications	3	BADM	244	Business Communications	3
BADM	336	Entrepreneurship I	3				
BADM	350	Legal Environment of Business	3	BADM	350	Legal Environment of Business	3
ECON	201	Principles of Microeconomics	3	ECON	201	Principles of Microeconomics	3
ENGL	101	Composition I	3				
MIS	205	Advanced Computer Applications	3	CSC	273	Spreadsheet Data Analysis	3
MIS	325	Management Information Systems	3	MIS	325	Management Information Systems	3
IDL	190	Seminar (2 credits required)	1-3	IDL	190	Seminar	2
		Total Core Requirements	28-30			Total Core Requirements	23
CSC	130	Visual Basic Programming	3	MIS	150	Computer Science I	3
MIS	332	Structured System Analysis & Des.	3	MIS	332	Structured System Analysis & Des.	3
MIS	335	Telecommunications & Networks	3	MIS	335	Telecommunications & Networks	3
MIS	484	Database Management Systems	3	MIS	484	Database Management Systems	3
		Approved MIS/CSC electives	9			Approved MIS/CSC electives	3
		Specialization Requirement	21			Specialization Requirement	15
		Total Major & Specialization Requirements	49-51			Total Major & Specialization Requirements	38
		GE Goal #1 Written Communication				GE Goal #1 Written Communication	
ENGL	101	Composition I	3	ENGL	101	Composition I	3
ENGL	201	Composition II	3	ENGL	201	Composition II	3
		GE Goal #2 Oral Communication	3			GE Goal #2 Oral Communication	3
		GE Goal #3 Social Sciences (ECON 201)	3			GE Goal #3 Social Sciences (ECON 201)	3
		GE Goal #4 Arts & Humanities	3			GE Goal #4 Arts & Humanities	3
		GE Goal #5 Mathematics	3			GE Goal #5 Mathematics	3
		GE Goal #6 Natural Sciences	3			GE Goal #6 Natural Sciences	3
		Associate Degree Flexibility	3			Associate Degree Flexibility	3
		Total GE Required	24			Total GE Required	24
		Adjust for GE & Core overlap (ENGL 101 & ECON 201)	-6			Adjust for GE & Core overlap (ECON 201)	-3
		Total Program Requirement	67-69			Total Program Requirement	60
			49-51				38
		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	67-69			Total number of hours required for degree	60

7. Explanation of the Change: These changes bring the AS- Business Administration with a specialization in Management Information Systems in compliance with the BOR requirement for a 60 credit hour associate degree program.



**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:	NSU
CURRENT PROGRAM TITLE:	AS- Business Administration – Business Administration Specialization
CIP CODE:	
UNIVERSITY DEPARTMENT:	
BANNER DEPARTMENT CODE:	
UNIVERSITY DIVISION:	School of Business
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.

Michael Wenous

Vice President of Academic Affairs or
President of the University

3/5/2020

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 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: 6/1/2020

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):

Existing Curriculum				Proposed Curriculum (highlight changes)			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
ACCT	210	Principles of Accounting I	3	ACCT	210	Principles of Accounting I	3
ACCT	211	Principles of Accounting II	3	ACCT	211	Principles of Accounting II	3
BADM	244	Business Communications	3	BADM	244	Business Communications	3
BADM	336	Entrepreneurship I	3				
BADM	350	Legal Environment of Business	3	BADM	350	Legal Environment of Business	3
ECON	201	Principles of Microeconomics	3	ECON	201	Principles of Microeconomics	3
ENGL	101	Composition	3				
MIS	205	Advanced Computer Applications	3	CSC	273	Spreadsheet Data Analysis	3
MIS	325	Management Information Systems	3	MIS	325	Management Information Systems	3
IDL	190	Seminar (2 credits required)	1-3	IDL	190	Seminar	2
		Total Core Requirements	28-30			Total Core Requirements	23
BADM	334	Small Business Management	3	BADM	336	Entrepreneurship I	3
BADM	360	Organizational & Management	3	BADM	360	Organization & Management	3
BADM	370	Marketing	3	BADM	370	Marketing	3
BADM	457	Business Ethics	3	BADM	457	Business Ethics	3
BADM	464	Organizational Behavior	3	BADM	464	Organizational Behavior	3
		Approved Business Electives	6				
		Specialization Requirement	21			Specialization Requirement	15
		Total Major & Specialization Requirements	49-51			Total Major & Specialization Requirements	38
		GE Goal #1 Written Communication				GE Goal #1 Written Communication	
ENGL	101	Composition I	3	ENGL	101	Composition I	3
ENGL	201	Composition II	3	ENGL	201	Composition II	3
		GE Goal #2 Oral Communication	3			GE Goal #2 Oral Communication	3
		GE Goal #3 Social Sciences (ECON 201)	3			GE Goal #3 Social Sciences (ECON 201)	3
		GE Goal #4 Arts & Humanities	3			GE Goal #4 Arts & Humanities	3
		GE Goal #5 Mathematics	3			GE Goal #5 Mathematics	3
		GE Goal #6 Natural Sciences	3			GE Goal #6 Natural Sciences	3
		Associate Degree Flexibility	3			Associate Degree Flexibility	3
		Total GE Required	24			Total GE Required	24
		Adjust for GE & Core overlap (ENGL 101 & ECON 201)	-6			Adjust for GE & Core overlap (ECON 201)	-3
						Free elective	1
		Total Program Requirement	67-69			Total Program Requirement	60
Total number of hours required for major, minor, or specialization			49-51	Total number of hours required for major, minor, or specialization			38
Total number of hours required for degree			67-69	Total number of hours required for degree			60

7. **Explanation of the Change:** These changes bring the AS- Business Administration with a specialization in Business Administration in compliance with the BOR requirement for a 60 credit hour associate degree program.



**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:	NSU
CURRENT PROGRAM TITLE:	Elementary Education Science Minor
CIP CODE:	
UNIVERSITY DEPARTMENT:	Department of Science and Math
BANNER DEPARTMENT CODE:	
UNIVERSITY DIVISION:	Science
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.

Michael Weros

Vice President of Academic Affairs or
President of the University

3/5/2020

Date

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

- | | |
|---|--|
| <input 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 checked="" 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: 8/17/2020

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: Science Education Minor

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	151/L	General Biology I + Lab	4	BIOL	235/L	Introduction to Biotechnology + Lab	3
BIOL	153/L	General Biology II + Lab	4	CHEM	106/L	Chemistry Survey + Lab	4
CHEM	106/L	Chemistry Survey + Lab	4	GEOG	131/L	Physical Geography: Weather and Climate + Lab	4
GEOG	131/L	Physical Geography: Weather and Climate + Lab	4	Choose 1 of the Following			
Choose 1 of the Following				BIOL	101/L	Biological Survey + Lab	3
BIOL	211/L	Environmental Biology + Lab	3	BIOL	151/L	General Biology I + Lab	4
GEOG	132/L	Physical Geography: Natural Landscapes + Lab	4	BIOL	153/L	General Biology II + Lab	4
PHYS	101/L	Survey of Physics + Lab	4	Choose 1 of the Following			
				BIOL	211/L	Environmental Biology + Lab	3
				GEOG	132/L	Physical Geography: Natural Landscapes + Lab	4
				BIOL	106/L	Human Biology + Lab	3
				BIOL	436	Biogeography	3
Total number of hours required for major, minor, or specialization			19-20	Total number of hours required for major, minor, or specialization			17-19
Total number of hours required for degree				Total number of hours required for degree			

7. Explanation of the Change:

Northern State University is making pertinent changes to the elementary education minor to address ongoing preparatory needs in science but also attract elementary education students to a science minor. Several courses in the current curriculum are highly specialized and meant for science majors. Further, courses such as PHYS 101/L Survey of Physics are not offered in a regular course rotation. The new curriculum addresses current needs in the science discipline at a level appropriate for non-science majors. We hope these changes will enlist more students, allowing better preparation in the science field as they enter the elementary classroom as educators.



**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:	NSU
CURRENT PROGRAM TITLE:	Entrepreneurial Studies Minor
CIP CODE:	520701
UNIVERSITY DEPARTMENT:	Management and Marketing
BANNER DEPARTMENT CODE:	NMAM
UNIVERSITY DIVISION:	School of Business
BANNER DIVISION CODE:	5B

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

3/5/2020

 Date

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

- | | |
|---|--|
| <input 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 checked="" type="checkbox"/> Total credits required for program |
| <input checked="" 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: 6/1/2020

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: Entrepreneurship Minor

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.
ACCT	210	Principles of Accounting I	3	ACCT	210	Principles of Accounting I	3
ACCT	211	Principles of Accounting II	3				
BADM	334	Small Business Management	3				
BADM	336	Entrepreneurship I	3	BADM	336	Entrepreneurship I	3
		or					
ENTR	336	Entrepreneurship I	3				
BADM	370	Marketing	3	BADM	370	Marketing	3
BADM	438	Entrepreneurship II	3				
		or					
ENTR	438	Entrepreneurship II	3	ENTR	438	Entrepreneurship II	3
		Choose 1:				CHOOSE 2:	
BADM	432	Customer Relationship Management	3				
BADM	489	Business Plan Writing & Competition	1	BADM	334	Small Business Management	3
				BADM	360	Organization & Management	3
				BADM	339	Sustainability	3
				BADM	378	Marketing for E-Commerce	3
				BADM	432	Customer Relationship Management	3
				BADM	473	Retail Management	3
						Any 300 or 400 level course approved by the School of Business Dean	3
		Students may take one of the following in place of ACCT 210 and ACCT 211:					
ACCT	406	Accounting for Entrepreneurs	3				
BADM	506	Accounting for Entrepreneurs	3				
ACCT	520	Foundations of Accounting	3				
Total number of hours required for major, minor, or specialization			19-21	Total number of hours required for major, minor, or specialization			18
Total number of hours required for degree			19-21	Total number of hours required for degree			18

7. Explanation of the Change:

The above changes accomplish the following:

- Freshen the title of the program,
- Remove courses and prefixes that are not offered at NSU,
- Reduce the number of credits required,
- Add more relevant electives,
- Creates an opportunity to bring a course from outside a business discipline into the minor that would support a student’s entrepreneurial goals,
- Make the minor more accessible to students outside of business.



**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:	NSU
CURRENT PROGRAM TITLE:	Master of Science in Education Online Teaching and Learning
CIP CODE:	130301
UNIVERSITY DEPARTMENT:	Graduate Studies
BANNER DEPARTMENT CODE:	NGST
UNIVERSITY DIVISION:	School of Education
BANNER DIVISION CODE:	5E

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.

Michael Wenous

Vice President of Academic Affairs or
President of the University

3/5/2020

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 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: 5/11/2020

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.
EDFN	752	Research Based Curriculum and Instruction	3	EDFN	752	Research Based Curriculum and Instruction	3
EDER	765	Data Driven Decision Making	3	EDER	765	Data Driven Decision Making	3
EDER	761	Graduate Research and Design	3	EDER	761	Graduate Research and Design	3
EDAD	735	School Law	3	EDAD	735	School Law	3
EPSY	742	Psychology of Learning	3	EPSY	742	Psychology of Learning	3
EDFN	737	School Culture and Change	3	EDFN	737	School Culture and Change	3
ELRN	750	Teaching and Learning With Digital Technology	3	EDFN	545	Teaching English Learners	3
EDFN	765	Differentiated Instruction & Classroom Engagement	2	EDFN	765	Differentiated Instruction & Classroom Engagement	3
SPED	704	Inclusive Education	3	SPED	704	Inclusive Education	3
EDFN	742	School and Community Partnerships	3	EDFN	742	School and Community Partnerships	3
EDFN	798	Research Paper or Project or Elective (6 credits)	6	EDAD	715	Supervision & Mentoring	3
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			35	Total number of hours required for degree			33

7. Explanation of the Change:

Feedback from graduate students indicate a need for specific courses rather than electives. Electives were intended for flexibility; however, students need the content of these particular courses throughout their teaching careers. Specifically, teachers need more instruction in teaching English Learners and students with special needs. Our classrooms are becoming even more and more diverse so it is essential to provide more coursework that is focused on differentiated methods and classroom engagement to reach all learners. Additionally, schools provide extensive technology training in the districts, and technology changes quickly hence the removal of the technology course. Our goal is to provide a complete set of coursework that allows the graduate students to advance their expertise in teaching and learning.



**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:	NSU
CURRENT PROGRAM TITLE:	STEM Certificate
CIP CODE:	131206
UNIVERSITY DEPARTMENT:	Graduate Studies
BANNER DEPARTMENT CODE:	NGST
UNIVERSITY DIVISION:	School of Education
BANNER DIVISION CODE:	5E

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.

Michael Weros

Vice President of Academic Affairs or
President of the University

4/3/2020

Date

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

- | | |
|---|--|
| <input 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 type="checkbox"/> Total credits required for program |
| <input checked="" 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: 5/11/2020

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: STEM Pedagogy Certificate

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.
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				Total number of hours required for degree			

7. Explanation of the Change:

The intent of this graduate degree is to provide current K-12 teachers with innovative techniques in the classroom in the science, math, and engineering fields. Technology is used as a part of this curriculum, thus all areas of STEM are covered. However, this is not a content-based curriculum, in the sense that teachers will not be able to teach dual credit or Rising Scholar courses in STEM disciplines. We wanted to ensure graduate students and future graduate students were aware of such, and a simple name change can easily make this distinction.