

SOUTH DAKOTA BOARD OF REGENTS

Academic and Student Affairs

AGENDA ITEM: 9 – F

DATE: June 27-29, 2017

SUBJECT: SDSM&T Program Modification – Accelerated Program: MS in Engineering Management

The Department of Industrial Engineering at South Dakota School of Mines and Technology seeks to modify their existing MS in Engineering program by making it available as an accelerated program whereby permitted qualified students could shorten the expected time to an MS degree by counting approved courses towards both the BS and MS degrees in Engineering at SDSM&T (Attachment I). Students entering the accelerated MS program would need to satisfy all requirements expected of traditional MS students. Undergraduate students with conditional acceptance into the Master’s program will be able to complete up to 12 credits of graduate work to count toward both the undergraduate and the graduate degrees.

Existing Program: Substantive Program Modification

- Engineering Management (MS) – *Request to make available as an Accelerated BS/MS Program*

This request has been reviewed by the system Vice President for Academic Affairs and the Executive Director recommends approval.

DRAFT MOTION 20170627_9-F: I move to approve SDSM&T’s program modification request to allow for their MS in Engineering program to be offered as an accelerated BS/MS program as described in Attachment I.



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

Substantive Program Modification Form

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

UNIVERSITY:	SDSM&T
CURRENT PROGRAM TITLE:	M.S. in Engineering Management
CIP CODE:	15.1501
UNIVERSITY DEPARTMENT:	Department of Industrial Engineering
UNIVERSITY DIVISION:	NA

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.

Dr. Demitris Kouris

3/10/2017

Vice President of Academic Affairs or
President of the University

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 type="checkbox"/> Program name | <input type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input checked="" type="checkbox"/> Other (explain below) |

2. Effective date of change: 5/31/2017

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)*

Current Program Name:		Proposed Program Name:	
No accelerated program currently exists for Engineering Management		Program requirements for Accelerated MS The accelerated BS/MS program is designed to permit qualified students to shorten the expected time to an MS degree by counting approved courses towards both the BS and MS degrees. Students entering the accelerated MS program must satisfy all requirements expected of traditional MS students. The accelerated BS/MS program is governed by campus-wide policies as stated in the Graduate section of the catalog. The following additional guidelines and policies pertain to the accelerated programs within the Department of Industrial Engineering.	
		<ol style="list-style-type: none"> Up to twelve credits of approved courses may be double-counted. To be double-counted, the courses taken at the graduate level, which includes 400/500-level courses taken at the 500-level, or 600-level courses. 400 level courses in other departments may be petitioned to the ENGM graduate program director to be included. All required and elective courses must be approved in advance of registration by the ENGM graduate program coordinator. 	
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 (thesis)	30	Total number of hours required for degree (thesis)	30

Total number of hours required for degree (non- thesis)

Total number of hours required for degree (non-thesis)

7. Explanation of the Change:

The Department of Industrial Engineering is proposing that the MS ENGM be available as an accelerated BS/MS program.