SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS

Substantive Program Modification Form

UNIVERSITY:	**SDSU**
CURRENT PROGRAM DEGREE:	**Master of Science (M.S.)**
CURRENT PROGRAM MAJOR/MINOR:	**Operations Management**
CURRENT SPECIALIZATION:	**N/A**
CIP CODE:	**15.1501**
UNIVERSITY DEPARTMENT:	**Ness School of Management & Economics**
BANNER DEPARTMENT CODE:	**SSME**
UNIVERSITY COLLEGE:	**Arts, Humanities & Social Sciences**
BANNER COLLEGE CODE:	**3S**

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.

Dennis D. Hedge — 4/24/2024
Vice President of Academic Affairs or President of the University — Date

1. **This modification addresses a change in:**
   - ☒ Total credits required within the discipline
   - ☒ Total credits of elective course work
   - ☐ Program name
   - ☐ CIP Code
   - ☐ Modification requiring Board of Regents approval
     Must have prior approval from Executive Director or designee
   - ☐ Total credits of supportive course work
   - ☒ Total credits required for program
   - ☐ Existing specialization
   - ☒ Other: Additional Admission Requirements
2. **Effective date of change: 2024-2025 Academic Year**
3. **Program Degree Level:**
   Associate ☐ Bachelor's ☐ Master's ☒ Doctoral ☐
4. **Category:**
   Certificate ☐ Specialization ☐ Minor ☐ Major ☒
5. **If a name change is proposed, the change will occur:**
   ☐ 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:
6. **Is the program being modified associated with a current articulation agreement?**
   Yes ☐ No ☒
   a. **If yes, will the articulation agreement need to be updated with the partner institution following the approve of the program change? Please explain:** N/A

7. Primary Aspects of the Modification:

Existing Curriculum				*Proposed Curriculum (highlight changes)*			
Pref.	**Num.**	**Title**	**Cr. Hrs.**	**Pref.**	**Num.**	**Title**	**Cr. Hrs.**
		Core Requirements				Core Requirements	
GE/ OM	569	Project Management	2-3	~~GE/~~ OM	669	Project Management	3
GE	685	Management and Leadership in Technical Organizations	3	GE	685	Management and Leadership in Technical Organizations	3
OM	660	Operations Management	3	OM	660	Operations Management	3
OM	690	Seminar	1	~~OM~~	~~690~~	~~Seminar~~	~~1~~
		Select one course from each topic area				Select one course from each topic area	
		Resources				***Resources***	
CHRD	716	Human Resources Management in Business and Industry	3	~~CHRD~~	~~716~~	~~Human Resources Management in Business and Industry~~	~~3~~
CSC	740	Management Information Systems	3	~~CSC~~	~~740~~	~~Management Information Systems~~	~~3~~
				HRM	560	Human Resources Management	3
				OM	535	Warehouse Management	3
OM	563	Supply Chain Management	3	OM	563	Supply Chain Management	3
OM	603	Designing the Work Place for Production	3	OM	603	Designing the Work Place for Production	3
		Or approved CSC, ECON, GE, OM elective	3			Or approved CSC, ECON, GE, OM or HRM elective	3
		Operations				***Operations***	
ME	761	Operations Research	3	ME	761	Operations Research	3
				MNET	568	Manufacturing Plant Management	3
				OM	515	Logistics and Transportation Management	3
				OM	562	Quality Management	3
OM	650	Manufacturing Systems Management	3	~~OM~~	~~650~~	~~Manufacturing Systems Management~~	~~3~~
OM/ ME	760	Quality Control	3	OM/ ME	760	Quality Control	3
		Or approved GE or ME elective	3			Or approved GE or OM elective	3
		Analysis				***Analysis***	
				MNET	560	Engineering Economic Analysis	3
				OM	620	Analysis in Operations Management	3
OM/ ME	767	Decision Theory	3	OM/ ME	767	Decision Theory	3
STAT	541	Statistical Methods II	3	STAT	541	Statistical Methods II	3
		Or approved ECON, OM, or STAT elective	3			Or approved ECON, OM, or STAT elective	3
		Select one of the following options				Select one of the following options	
		Option A - Thesis				***Thesis***	
GE	798	Thesis	5-7	GE	798	Thesis	5-7
OM	670	Research Methods in Management	3	~~OM~~	~~670~~	~~Research Methods in Management~~	~~3~~
				ECON	707	Research Methodology in Applied Economics	3
		Electives	3-4			Electives	2-4
		Option B – Research/Design Paper				~~***Option B – Research/Design Paper***~~	
GE	788	Research Problems/Projects	2-3	~~GE~~	~~788~~	~~Research Problems/Projects~~	~~2-3~~
OM	670	Research Methods in Management	3	~~OM~~	~~670~~	~~Research Methods in Management~~	~~3~~
		Electives	10-11			~~Electives~~	~~10-11~~
		Option C – Coursework only				***Non-Thesis***	

Existing Curriculum				*Proposed Curriculum (highlight changes)*			
Pref.	**Num.**	**Title**	**Cr. Hrs.**	**Pref.**	**Num.**	**Title**	**Cr. Hrs.**
		Electives	18-19			Electives	12
		Total number of hours required for degree				Total number of hours required for degree	
		Option A	30			Thesis	30
		Option B	32			Non-Thesis	30
		Option C	36				

Additional Admission Requirements

Current:

GRE: Not required (recommended)
TOEFL: 79-93 Internet-based
TOEFL Essentials: 8.5-9.5
IELTS: 6.5
Duolingo: 110-120

Application must include a written statement of how the MSOM program is aligned with your professional development plans (1000 word limit).

Refer to the Ness School of Management and Economics Graduate Program page information for specific details.

Proposed:

GRE: Not required (recommended)
TOEFL: 79-93 Internet-based
TOEFL Essentials: 8.5-9.5
IELTS: 6.5
Duolingo: 110-120

Application must include a written statement of how the MSOM program is aligned with your professional development plans (250 words/1000 characters limit).

Refer to the Ness School of Management and Economics Graduate Program page information for specific details.

8. Explanation of the Change:

The SDSU Graduate School has revised SDSU Policy 2:17 Credit Requirements for Graduate Credential Programs. The Graduate School adjusted the language to no longer refer to master's programs using Option A (Thesis Option), B (Research/Design Paper Option), C (Coursework Only), and D (Coursework Only – Professional Program) but to move forward with Thesis and Non-Thesis options that will require a minimum of 30 credits.

Courses in the M.S. in Operations Management that have not been offered recently have been removed and replaced with applicable courses. OM 569 will be renumbered to OM 669 to better reflect the course level and content. The lists of elective courses have been revised to reflect current course offerings applicable to each topic area.