



**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:	Mathematics
CURRENT SPECIALIZATION:	Statistics
CIP CODE:	27.0101 – Major CIP 27.0501 – Specialization CIP
UNIVERSITY DEPARTMENT:	Mathematics & Statistics
BANNER DEPARTMENT CODE:	SMAS
UNIVERSITY COLLEGE:	Jerome J. Lohr College of Engineering
BANNER COLLEGE CODE:	3E

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

3/28/2024

Vice President of Academic Affairs or
President of the University

Date

1. This modification addresses a change in:

- | | |
|--|--|
| <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 checked="" type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input type="checkbox"/> Other (explain below) |
| <input type="checkbox"/> Modification requiring Board of Regents approval | |

Must have prior approval from Executive Director or designee

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.
MATH	625	Advanced Calculus	3	MATH	625	Advanced Calculus	3
MATH	741	Measure and Probability	3	MATH	741	Measure and Probability	3
MATH	779	Advanced Mathematics Synthesis	1	MATH	779	Advanced Mathematics Synthesis	1
STAT	684	Statistical Inference I	3	STAT	684	Statistical Inference I	3
STAT	685	Statistical Inference II	3	STAT	685	Statistical Inference II	3
		Select one of the following options:				Select one of the following options:	
		<i>Option A: Thesis</i>				<i>Thesis</i>	
MATH	798	Thesis	5	MATH	798	Thesis	5
		Electives	12			Electives	12
		<i>Option B – Research/Design Paper</i>				<i>Option B – Research/Design Paper</i>	
MATH	788	Research Problems/Projects	2	MATH	788	Research Problems/Projects	2
		Electives	17			Electives	17
		<i>Option C – Coursework Only</i>				<i>Non-Thesis</i>	
		Electives	22			Electives	17
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	35				

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. The Department of Mathematics and Statistics has requested to change the non-thesis option from 32 credits (Option B) and 35 credits (Option C) to 30 credits.