

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

Revised Course Request: Common Course

(Subs/TEQ 02422 043.8eW*nBTT1 12)

Institution	Division/Department	Institutional Approval Signature	Date
NSU	Arts & Sciences/ Department of Science and Math	John Long	8/30/2022
Institution	Division/Department	Institutional Approval Signature	Date
USD	Academic Affairs	Elizabeth McKay Freeburg	9/13/2022
Institution	Division/Department	Institutional Approval Signature	Date

Indicate universities that currently offer the common course:

BHSU DSU NSU SDSMT SDSU¹ USD

Section 1. Existing Course Title and Description

Prefix & No.	Course Title	Credits
MATH 412	Linear Algebra	3

Course Description
A study of vector spaces, linear transformations, matrices, inner products, eigenvalues, eigenvectors, the methods of solution of systems of linear equations, and applications.

Section 2. Modification(s)

Prerequisites MATH 125 to MATH 125 or MATH 250

as a prerequisite. since MATH 125 is also listed

Section 3. Other Course Information

3.1. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course database?

Section 4. Department and Course Codes (Completed by University Academic Affairs)

	<u>Current</u>		<u>New</u>
Change in Banner Department	NSU: Science & Mathematics USD: Mathematics	to	NSU: Science & Mathematics SDSU: Mathematics & Statistics USD: Mathematics
Change in Banner Department Code	NSCM, UMTH	to	

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