

BACHELOR OF SCIENCE IN EDUCATION - FIELD ENDORSEMENT IN MATHEMATICS (GRADES 6-12)

A student must complete the following program in addition to the Essential Studies and Professional Education requirements. Transfer students must complete one-half of the program at Chadron State College. MATH 303 DISCRETE MATHEMATICS is recommended to satisfy the Essential Studies Mathematics requirements.

Code	Title	Credits
Essential Studies (http://catalog.csc.edu/undergraduate/essential-studies-program/)		
Professional Education (http://catalog.csc.edu/secondary-education-requirements/)		
Core Requirements		
MATH 151	CALCULUS I	5
MATH 237	HISTORY AND FOUNDATIONS OF MATHEMATICS	3
MATH 252	CALCULUS II	5
MATH 330	DIFFERENTIAL EQUATIONS ¹	3
MATH 331	PROBABILITY AND STATISTICS	3
MATH 334	COLLEGE GEOMETRY	3
MATH 336	CALCULUS III	3
MATH 337	LINEAR ALGEBRA	3
MATH 401	ADVANCED MATHEMATICS EDUCATION PERSPECTIVES	3
MATH 410	MATHEMATICS SEMINAR	1
MATH 429	INTRODUCTION TO MODERN ALGEBRA	3
MATH 434	INTRODUCTORY ANALYSIS	3
Total Credits		38

¹ MATH 330 DIFFERENTIAL EQUATIONS will serve as the course for the mathematical modeling requirement of this endorsement.