

Degree: BSED College: College of Education, Arts & Humanities Major: Secondary Education Major Code: SCED Concentration: Mathematics (SCMT)

Minor: N/A Minor Code: N/A

General Education

Foundations: (12 Credits)

Oral Communication (3 Credits)

COMJ 1010 Public Speaking

Written Communication (3 Credits)

ENGL 1200 College Composition

Quantitative Reasoning (3 Credits) MATH 1110 Math for Teachers I

Technological Literacy (3 Credits)

□ ED 2333 Teaching with Technology

Discoveries: (Credits 28)

Art/Humanities (9 Credits)

ENGL 2310 American Literature Survey I

ENGL 2320 British Literature Survey I or ENGL 2330 World Lit I

Social Sciences (9 Credits)

□ ED 2500 Multicultural Education and Intercultural Comp.

□ ED 1750 Educational Psychology

Natural Sciences & Technology (10 Credits)

□ MATH 2410 Calculus I

Wellness & Personal Health: (3 Credits)

Competencies:

Quantitative Applications

STAT 3010 Mathmatical Probability and Statistics

Applied Methodologies

Intercultural Fluency

□ ED 2500 Multicultural Education and Intercultural Comp.

Ethical Reasoning

ED 2200 School Law and Ethics

Information Literacy

ED 2200 School Law and Ethics

Writing Intensive

MATH 3610 College Geometry and ED 4240 Student Teaching

Keystone Experience

ED 4240 Student Teaching

Program Requirements

Required Major Courses: (45 Credits)

- □ ED 1100 Introduction to Middle and Secondary ED
- □ ED 2200 School Law and Ethics
- □ ED 3100 Strategies
- □ ED 3102 Teaching of Mathematics
- □ ED 3300 Learning Environments
- □ ED 3610 Content Area Literacy
- □ ED 3700 ELL Foundations
- □ ED 4100 Assessments
- □ ED 4240 Student Teaching
- □ ED 4250 Student Teaching
- □ SPED 1050 Foundations of Special Education
- □ SPED 2000 Assessment and PBS
- □ SPED 2100 Teaching Students with Disabilities

Required Concentration Courses: (29 Credits)

- □ MATH 3620 History of Mathematics
- □ MATH 3000 Foundations of Mathematical Proof
- □ MATH 2420 Calculus II
- □ MATH 3430 Calculus III
- □ MATH 3610 College Geometry
- MATH 3210 Linear Algebra I
- MATH 4620 Abstract Algebra I
- □ STAT 3010 Mathmatical Probability and Statistics
- □ MATH 3520 Advanced Discrete Mathmatics

Free Electives: (3 Credits)



Suggested Four Year Course Sequence

Year 1

Fall Semester

ABCD 1234 - Course Name ABCD 1234 - Course Name

Spring Semester

ABCD 1234 - Course Name ABCD 1234 - Course Name

Year 3

Fall Semester

ABCD 1234 - Course Name ABCD 1234 - Course Name

Spring Semester

ABCD 1234 - Course Name ABCD 1234 - Course Name

Year 2

Fall Semester

ABCD 1234 - Course Name ABCD 1234 - Course Name

Spring Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name

Year 4

Fall Semester

ABCD 1234 - Course Name ABCD 1234 - Course Name

Spring Semester

ABCD 1234 - Course Name ABCD 1234 - Course Name