Math is not only a fundamental study for students of all ages, but it is also important for mental development. Become a math teacher, and you will find a rewarding career as you guide students through education and connect math concepts to other subjects. Chemistry, biology, physics, computer classes, and even music are better understood with a solid math education. Get a math education degree from Wayne State, and you’ll be ready to take on an important role in a school or other educational setting.

If you choose the math field endorsement, you are not required to choose any other endorsements to receive your B.A. or B.S.

**Skills Learned**
- Methods to solve problems in math and science
- Proficiency in solving complex math problems
- Probability and statistics
- Computer programming fundamentals
- Teaching and instruction methods
- Curriculum development for grades 6-12
- Classroom management and leadership

**Possible Careers**
- Middle school math teacher
- High school math teacher
- College math teacher
- STEM specialist
- Math tutor
- Math content writer

**Types of Employers**
- Middle schools
- High schools
- Colleges and universities
- Education and learning centers
- Non-profit organizations
- Community organizations
- Government / federal agencies

**Activities / Opportunities**
- Conduct projects
- National and regional conferences
- Peer mentoring and tutoring
- Service-Learning
- Study Abroad
- Northeast Nebraska Teacher Academy (NENTA)

**Clubs / Organizations**
- Kappa Delta Pi
- Kappa Mu Epsilon
- Math Club
- Student Council for Exceptional Children
- Wayne Student Education Association of Nebraska (WSEAN)
This is a sample schedule illustrating completion of the program. Students’ actual schedules will vary based upon their readiness for calculus and when they begin the program. Students are encouraged to visit with their academic advisor to develop a program of study.

FRESHMAN - 1st semester
CSC 150 Programming Fundamentals .......................................................... 3
ENG 102 Composition Skills (General Studies CAT 1) ................................ 3
MAT 140 Calculus (General Studies CAT 3) .................................................. 5
General Studies CAT 7 ............................................................................. 3-5

FRESHMAN - 2nd semester
CNA 100 Principles of Communication (General Studies CAT 2) .......... 3
MAT 240 Calculus II ................................................................................... 5
MAT 270 Foundations of Math .................................................................. 3
MAT 281 Assessment I ............................................................................... 0
MAT 282 Assessment II ............................................................................ 0
EDU 150 Professional Education in a Diverse Society ................................ 3
General Studies CAT 4 ............................................................................. 3

It is recommended that students satisfactorily complete the Core exam before completion of freshman year.

SOPHOMORE - 1st semester
EDU 250 Human Development and Cognition ...................................... 3
EDU 275 Intro to PK-12 Instruction ............................................................ 3
MAT 320 College Geometry ..................................................................... 3
MAT 340 Calculus III ................................................................................ 5
General Studies CAT 5 ............................................................................. 3

SOPHOMORE - 2nd semester
MAT 250 Differential Equations ............................................................... 3
MAT 335 Math Modeling .......................................................................... 3
SPD 302 Inclusive Practice for General and Special Educators ............ 3
General Studies CAT 6, CAT 8, and CAT 9 ............................................. 9

Advancement to Level 2: Acceptance to Teacher Education Candidacy required before taking any 300/400 EDU/SPD level courses.

JUNIOR - 1st semester
MAT 305 Discrete Math ............................................................................ 3
MAT 400 Real Analysis ............................................................................. 4
General Studies CAT 10 ......................................................................... 3
Electives .................................................................................................. 6

JUNIOR - 2nd semester
EDU 310 Reading, Writing, and Assessment in Content Areas .......... 2
MAT 350 Linear Algebra .......................................................................... 3
MAT 410 Probability and Statistics ......................................................... 4
SPD 436 Social, Emotional Development, and Behavior Intervention, and Secondary Prosocial Classroom Management .................. 3
Elective .................................................................................................. 3

SENIOR - 1st semester
EDU 409 Content Area Method and Assessment ................................. 3
EDU 414 Content Area Clinical Experience .......................................... 1
MAT 360 Abstract Algebra ...................................................................... 4
MAT 470 Connection ................................................................................ 2
MAT 471 Connections in Math Ed .............................................................. 2
MAT 481 Assessment III ......................................................................... 0
MAT 482 Assessment IV ......................................................................... 0

SENIOR - 2nd semester
EDU 456 Clinical Practice ........................................................................ 12

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