FOUR YEAR PLAN FOR MATH: SECONDARY EDUCATION CERTIFICATION

FIRST YEAR

**Fall Semester**
- MAT 211 Calculus I
- ENG 106 Writing Intensive First Year Seminar
- HIS 105 Historical Foundations of Global Cultures
- PSY 101 General Psychology
- General Education Elective

**Spring Semester**
- MAT 212 Calculus II
- MAT 225 Discrete Math
- HCS 100 Intro. to Human Comm.
- HIS 106 Thinking Historically in the Global Age
- General Education Elective

SOPHOMORE YEAR

**Fall Semester**
- MAT 213 Multivariate Calculus
- CSC 110 Computer Science I OR
- CSC 180 Microcomputer Basic
- TCH 205 American School
- General Education Elective
- General Education Elective

**Spring Semester**
- MAT 333 Geometry
- TCH 260 Educational Psychology
- General Education Elective
- General Education Elective
- ONE of the following:
  - MAT 329 Elem. Linear Algebra OR
  - MAT 313 Applied Statistics OR
  - MAT 326 Math Modeling

JUNIOR YEAR

**Fall Semester**
- MAT 320 Intro. Abstract Algebra
- General Education Elective
- General Education Elective
- TWO of the following:
  - MAT 326 Math Modeling OR
  - MAT 329 Elem. Linear Algebra OR
  - MAT 313 Applied Statistics

**Spring Semester**
- MAT 441 Advanced Calculus I
- Math Elective 300/400 Level
- General Education Elective
- General Education Elective

SENIOR YEAR

**Fall Semester**
- MAT 400 History of Mathematics
- EDU 371 Tech. in the Math Class
- EDU 434 Teach. of Math in Middle & High Sch. I
- EDU 435 Teach. of Math in Middle & High Sch. II
- EEC 411 Intro. to Exceptional

**Spring Semester**
- EDU 495 Student Teaching & Prof. Practicum