

Middle Grades Math (6-9)

Intro to Education

C or better required

- ____ (2) ED 100 (Fall Freshmen) OR
- ____ (2) ED 150/151-SAY Village (Fall & Spring Freshmen)

English and Communication

- ____ (4) ENG 101 Academic Writing & Research
C- or better required
- ____ (3) COM 112 Interpersonal Communication

Mathematical Sciences (*C or better required*)

- ____ (4) MA 141 Calculus I
- ____ (4) MA 241 Calculus II
Prerequisite: MA 141 with grade of C- or better
- ____ (3) MA 225 Foundations of Advanced Math
Prerequisite: MA 241
- ____ (3) MA 403 Introduction to Modern Algebra (**FALL ONLY**)
Prerequisite: MA 225
- ____ (3) MA 408 Foundations of Euclidean Geometry
- ____ (3) MA 305 OR MA 405 (*strongly recommend MA 305*)
- ____ (3) MA 103, MA 105, MA 114, MEA 101, MEA 130 OR PY 124
- ____ (3) ST 311 Intro to Statistics

At most one grade below a C is permitted in the mathematics, statistics, and computer science courses. Grade below a C is not permitted in MA 141 or MA 225

Natural Sciences

- ____ (4) CH 100 or CH 101/102
- ____ (4) BIO 105/106
- ____ (4) PY 131
- ____ (3) _____ Math or Science Elective (see degree audit)
- ____ (3) _____ Math or Science Elective (see degree audit)

At most one grade below a C- is permitted in the courses satisfying the science requirements for a student intending to license in mathematics.

GEP Courses

- ____ (3) _____ Choose a course from the GEP Humanities list
- ____ (3) _____ Choose a course from the GEP Humanities list
- GEP Humanities should be selected from two different disciplines/course prefixes**
- ____ (1) _____ Any 100 level Health & Exercise Studies
- ____ (1) _____ Any HE Course
- ____ (3) _____ Additional Breadth – Choose one GEP Humanities, Social Sciences, or Visual Performing Arts course (*Strongly Recommend ECI 305*)
- ____ (2-3) _____ Interdisc Perspectives
- ____ (3) _____ Interdisc Perspectives (ECI 305 Equity and Education*USD)

USD and GK may “double-count” for both co-req and another GEP Requirement

- ____ US Diversity Co-Requisite _____
- ____ Global Knowledge Co-Requisite _____
- ____ Foreign Language Proficiency _____

Free Electives

- ____ (2) _____

C or better required in all courses below unless otherwise stated

SOPHOMORE YEAR

Fall Semester

- ____ (2) EMS 204 Intro to Mathematics Education *B- or better required*
- ____ (2) ED 204 Intro to 21st Century Teaching

Spring Semester

- ____ (3) EDP 304 Education Psychology
- ____ (3) ECI 309 Teaching in Middle Grades

JUNIOR YEAR

Fall Semester

- ____ (3) ELP 344 School and Society
- ____ (2) ED 311 Classroom Assessment
Prerequisite: ATC
- ____ (1) ED 312 Classroom Assessment Lab

Spring Semester

- ____ (3) EMS 375 Methods in Teaching Science or Math Elective
Prerequisite: EMS 205, ED 204
- ____ (3) EMS 480 Teaching Mathematics with Technology (**SPRING ONLY**)
Prerequisite: EMS 204 with a B- or better; MA 131 or 141
- ____ (3) ECI 306 Reading and Writing in Middle Year
Prerequisite: C or better in EMS 480
- ____ (3) ECI 416 Teaching Exceptional Students

SENIOR YEAR

Fall Semester

- ____ (3) EMS 474 Teach Math Topics in Middle Grades
Prerequisite: C or better in EMS 480
- ____ (3) EMS 470 Methods & Materials for Teaching Math
- ____ (3) EMS 490 School Math from an Adv. Perspective

Spring Semester

- ____ (10) EMS 471 Student Teaching (*Spring Only*)
- ____ (2) EMS 495 Senior Seminar Student (*Spring Only*)

***Take EMS 480 either before or during the semester you take EMS 470 and EMS 474 (Professional Semester 1).**

- **For a student intending to license in mathematics and science, no grades below a C are permitted in the courses satisfying the science requirements.**
- To be eligible for a teaching license in mathematics only, either mathematics or science courses may be selected. To be eligible for teaching licenses in both mathematics and science, you must complete two science elective courses. One from EMS 375, PY 124, MEA 130 or MEA 101 AND one from PY 123, MEA 130, MEA 101, ES 100, ES 200, or ES 300. Grades below C are not permitted in these science courses.

Completed _____ out of 4.5

PROFESSIONAL GROWTH UNITS (PGU's): must earn 4.5 PGU's by graduation. Register for sessions and track PGU's in SAGE → "Professional Development" tab
PGU events and details can be found at: <https://ced.ncsu.edu/academics/professional-education/professional-development/>

ATC REQUIREMENTS (Admission to Teacher Candidacy): ____ ENG 101 ____ 2 Math courses ____ EMS 204/ED 204 ____ GPA at least 2.75 ____ Praxis I
Must have met ATC in order to register for ED 311/312. View your progress in SAGE → "Gateways" tab