# Secondary Mathematics Certification

Students must maintain a 2.5 GPA in their majors and no course in which a grade lower than a “C-” may be counted toward the major. The P/N option may not be elected for any course in the teaching major.

<table>
<thead>
<tr>
<th>Name</th>
<th>SS#</th>
<th>Reviewer</th>
<th>Date</th>
<th>Course # &amp; Title</th>
<th>Qtr/Yr</th>
<th>Grade</th>
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## Calculus/Analysis

Choose five courses including one 300 level.

- Math 220 (Math 214-1) Differential Calculus of 1 Variable Function
- Math 224 (Math 214-2) Integral Calculus of 1 Variable Function
- Math 230 (Math 214-3) Diff. Calculus Multivariable Functions
- Math 234 (Math 215) Multiple Integration & Vector Calculus
- Math 250 (Math 221) Elem. Differential Equations
- Math 353 (Math 303) Differential Equations
- Math 320-1,2,3 Real Analysis
- (Math 310-1,2,3)

## Set Theory & Geometry

Choose 2.

- Math 300 (Math 308-0) Foundation of Higher Mathematics
- Math 340 (Math 326) Geometry
- Math 342 (Math 329) Intro to Differential Geometry

## Algebra

Two courses chosen from:

- Math 240 (Math 219) Linear Algebra
- Math 334 Linear Algebra for Applications
- Math 330-1,2,3 Intro to Modern Algebra
- (Math 337-1,2,3)

## Three Related Courses

*One course chosen from:*

- Math 310-1,2,3 (Math 330-1,2,3) Probability & Stochastic Processes or
- Stat 210 Introduction to Statistics or
- Stat 302 Elementary Statistical Methods
- SESP 210 Intro to Statistics and Methodology

- One computer science course
- One 300 level math elective

NB: MENU & MMSS courses will be applied according to published department equivalencies.