

# M.A. IN MATHEMATICS

*College of the Sciences and Mathematics*

## Curriculum

### Required Courses

MAT 515	Algebra I	3
MAT 516	Algebra II	3
MAT 545	Real Analysis I	3
MAT 546	Real Analysis II	3
MAT 532	Geometry I	3
STA 505	Mathematical Statistics I	3

### Electives

A student may choose from among 500-level MAT course offerings, as well as MTE 507, MTE 508, MTE 512, and MTE 604. A student may select CSC or STA courses with approval of their advisor. 15

### Capstone Experience

A student may choose one of two different capstone experiences:

Thesis - Student selects MAT 609 and MAT 610, which replace 6 credits of electives.

Oral Comprehensive Exam in 3 different subject areas.

**Total Minimum Credits Required** 33

## Sample Course Plan

To track their individual degree progress, students are advised to access their Degree Progress Report (DPR) via my WCU and consult their Graduate Coordinator. For more information, visit [wcupa.edu/DegreeProgressReport](http://wcupa.edu/DegreeProgressReport).