Course requirements for all UNCW degrees include: (1) University Studies, (2) specific major requirements, and (3) sufficient elective hours for a combined total of a minimum of 124 hours.

MAJOR REQUIREMENTS - MAT (Minimum 42 hours)

Core Courses: (30 hours)
- MAT 161 Calculus with Analytical Geometry I (4) Prerequisite: MAT 112 or 115 or equivalent preparation
- MAT 162 Calculus with Analytical Geometry II (4) Prerequisite: MAT 161
- MAT 261 Multivariate Calculus (4) Prerequisite: MAT 162
- MAT 275 Axiomatic Systems (3) Prerequisite: MAT 152 or 161
- MAT 311 Intermediate Analysis (3) Prerequisites: MAT 261 and 275
- MAT 335 Linear Algebra and Matrices (3) Prerequisite: MAT 162
- MAT 336 Abstract Algebra (3) Prerequisite: MAT 275 or consent of instructor
- STT 215 Introduction to Statistics (3) Prerequisite: Satisfactory performance on the mathematics placement test or MAT 105
- STT 315 Probability and Statistics (3) Prerequisites: STT 215 and MAT 152 or 162

Option 2: Teacher Licensure in Mathematics (12 hours listed below and courses in the WSE)
- MAT 345 Modern College Geometry (3) Prerequisite: MAT 275 or consent of instructor
- MAT 346 Historical Development of Mathematics (3) Corequisite: MAT 275 or consent of instructor
  (Meets Oral Communication Competency Requirement)
- MAT Choose 6 hours of MAT at the 300-400 level.
- MAT Teacher Education Program Requirements

^ Students interested in the degree program in MAT are encouraged to begin with MAT 161. Initial placement is based on high school background and the MAT Placement Test. Students not prepared for MAT 161 should begin w/ MAT 115 or 111-112, as appropriate.


NOTE: To satisfy the Applied Learning Requirement, a student must successfully complete one or more of the following: MAT 495, 498, 499, or SEC 404. To satisfy the Oral Communication Requirement, a student must successfully complete MAT 346, 471, 495, or any other approved oral intensive course (see Undergraduate Catalogue).

NOTE: For information on the Teacher Education Program admissions criteria and the courses required for licensure (i.e. certification) in North Carolina, see the Watson School of Education section of the undergraduate catalogue or the Watson School of EDN WEB site: http://www.uncw.edu/ed/. Students planning to pursue licensure should apply to the Watson School of Education as soon as admissions requirements are met (typically in the sophomore year) and plan their programs in regular consultation with their advisors. Teacher licensure requirements are established at the state level and may be changed by the state at any time.

An overall average of “C” (2.00) or better is required for all 300-400 level MAT or STT courses counted toward the major.

*These courses require a lab
+May also be used to satisfy University Studies Foundations & Approaches and Perspectives requirements

Requirements to declare MAT: Completion of 24 hours
For further information, see the MAT website: http://www.uncw.edu/math and http://catalogue.uncw.edu.

This document is considered an unofficial guide. Please refer to your degree audit for the latest updates.