MAJOR REQUIREMENTS - STT (Minimum 47 hours)

Core Courses: (29 hours)

+MAT 161-162 Calculus with Analytical Geometry I, II (4, 4) Prerequisite: MAT 112 or 115 or equivalent
+STT 215 Intro to Statistics (3) Prereq: Satisfactory performance on the UNCW math test or MAT 105
STT 305 Statistical Programming (3) Prerequisite: STT 215 or equivalent
STT 315 Probability and Statistics (3) Prerequisites: STT 215 and MAT 152 or 162
STT 350 Survey Sampling (3) Prerequisite: An introductory statistic course from any department
STT 411 Design of Experiments and Analysis of Variance (3) Prerequisite: Any elementary STT course
STT 412 Applied Regression and Correlation (3) Prerequisite: Any elementary STT course
STT 490 Case Studies in Statistical Consulting (3) Prerequisites: At least 9 hrs of STT courses numbered 300 or higher and consent of instructor

or STT 498 Internship in Statistics (3) Prerequisites: Overall GPA of at least 2.50, GPA in STT courses at least 2.80, at least 9 hrs of STT courses numbered 300 or higher, junior/senior standing, and approval by faculty supervisor, department chair, and dean

(Both meet Oral Communication and Applied Learning Requirements)

Elective Courses: (18 hours)

STT Choose two of the following courses: STT 420, 425, 430, 435, 465, 475.
STT Choose 12 hours of collateral coursework in a substantive area of statistical or mathematical theory or application, approved by the Department of Mathematics and Statistics. These courses may come from different disciplines and some must contain mathematical or statistical content.

NOTE: Students interested in the degree program in STT are encouraged to begin their MAT sequence with MAT 161. Initial placement is based on Math Placement Test or ACT score. Students not prepared for MAT 161 should begin with MAT 115 or 111-112, as appropriate.

An overall average of “C” (2.00) or better is required for all 300-400 level 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 STT: 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.