

WATSON SCHOOL OF EDUCATION
THE UNIVERSITY OF NORTH CAROLINA AT WILMINGTON
 Academic Concentration for Education Majors in Catalog Year 201010 and later

Mathematics and Technology

Required Core: 6 hours:

MAT 141-142 Basic Concepts of Mathematics (6)

Prerequisites

None

Mathematics and Statistics: Select 6 - 9 hours

Any MAT course numbered 111 or higher

STT 215 Introduction to Statistics (3)
 STT 305 Statistical Programming (3)
 STT 315 Probability and Statistics (3)

MAT 111 or 115
 STT 215
 STT 215 and MAT 152
 or 162
 Intro Stats course
 Intro Stats course
 Intro Stats course

STT 350 Survey Sampling (3)
 STT 411 Design of Experiments and Analysis of Variance (3)
 STT 412 Applied Regression and Correlation (3)

Technology: Select 6 - 9 hours

Any CSC course numbered 110 or higher

MIS 213 Introduction to Information Systems and Technology (3)
 MIS 310 Web Page Development Languages (3)

None
 CSC 105 or MIS 105 or
 MIS 213 or
 consent of instructor
 MIS 213 or
 consent of instructor
 MIS 213

MIS 312 Information Systems Hardware and Software (3)

MIS 315 Management of Database Systems (3)

TOTAL SEMESTER HOURS: 18

*Recommended Course

Note: No more than 6 hours from Basic Studies can be counted in the Academic Concentration.