Statistics

Department of Mathematics, Comp Science, and Statistics
Ellis College of Arts and Sciences

Required Number of Hours: 12

Description of certificate:

You may take the statistics courses and mathematics elective in an online format with instructor permission.

Choose at most one:

_____STA 2053 Applied Biostatistics
_____STA 2323 Statistical Methods
_____a substitute approved by the mathematics department

Choose at least six hours:

_____STA 3443 Statistical Computing
_____STA 4013 Applied Regression Analysis
_____STA 4023 Applied Analysis of Variance
_____STA 4033 Nonparametric Statistical Methods
_____STA 4043 Statistical Analysis of Time Series
_____STA 4171-3 Special Topics in Statistics
_____MTH/STA 4463 Probability and Statistics II

Choose at most one:

_____CSC 1104 Foundations of Computer Science I
_____CSC 1114 Foundations of Computer Science II
_____CSC 2203 Data Structures
_____CSC 3133 Introduction to Database Theory
_____CSC 3223 Algorithm Analysis
_____CSC 4213 Simulation Theory
_____MTH 3163 Probability and Statistics I

Student Learning Outcomes: Students will learn how to use advanced statistical methods to analyze data in order to scientifically answer questions in a variety of settings.

Contact information:
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