

# APPLIED STATISTICS (GRADUATE CERTIFICATE)

<https://www.unh.edu/program/certificate/industrial-statistics>

## Description

The Department of Mathematics and Statistics offers a graduate certificate in the area of applied statistics. This program is primarily designed to help UNH graduate students in non-statistics programs and working professionals to improve their expertise in statistical design of studies, and statistical and analytical methodology for data analysis and decision making.

## Admission Requirements

Individuals holding a bachelor's degree are eligible to apply for admission to a graduate certificate program.

## Applying

Please visit the [Graduate School website](#) for detailed instructions about applying to the certificate program.

## Requirements

### Certificate Requirements

Code	Title	Credits
<b>Required Courses</b>		
MATH 835	Statistical Methods for Research	3
or MATH 839	Applied Regression Analysis	
MATH 840	Design of Experiments I	3
<b>Electives</b>		
Select two courses from the following: <sup>1</sup>		6
MATH 834	Statistical Computing	
MATH 836	Advanced Statistical Modeling	
MATH 838	Data Mining and Predictive Analytics	
MATH 841	Survival Analysis	
MATH 843	Time Series Analysis	
MATH 844	Design of Experiments II	
MATH 855	Probability with Applications	
MATH 896	Topics in Mathematics and Statistics <sup>2</sup>	
<b>Total Credits</b>		<b>12</b>

<sup>1</sup> Or another graduate-level statistics course in the Department of Mathematics and Statistics, subject to departmental approval.

<sup>2</sup> Depending on topic, subject to approval.

To view any prerequisite requirements click on the course links above for details.