

# STATISTICS (STAT)

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**STAT 110 - Introduction to Statistical Reasoning (3 Credits)**

A course in statistical literacy. Topics include data sources and sampling, concepts of experimental design, graphical and numerical data description, measuring association for continuous and categorical variables, introduction to probability and statistical inference, and use of appropriate software. Credit given only for STAT 110 or STAT 112.

**Carolina Core:** ARP

**STAT 201 - Elementary Statistics (3 Credits)**

Introduction to the fundamentals of modern statistical methods, including descriptive statistics, probability, random sampling, simple linear regression, correlation, tests of hypotheses, and estimation.

**Prerequisites:** MATH 111 or MATH 115 or STAT 110.

**Carolina Core:** ARP