

# STATISTICS (STAT)

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## STAT 514

### Applied Computational Statistics for Analytics

Generating actionable insights from data relies heavily on proper usage of analytics. The foundation of this process consists of two key ingredients: fundamental statistical concepts and corresponding computational tools. This course covers the topics from statistics and programming necessary to understand how such concepts come about, why the algorithms work the way they do, and how to use these in practice. The emphasis is on implementing the foundational procedures in industry-standard programming languages.

**Lecture: 3 Lab: 0 Credits: 3**