

## Program Learning Outcomes Statistics

The undergraduate curriculum in Statistics provides majors with the skills needed to utilize statistical techniques for addressing quantitative, data-based problems in fields such as biological and social sciences, engineering and technology, business and finance, law, and health and education.

Students graduating with a Statistics degree will learn the basics of:

- statistical reasoning and inferential methods
- statistical modeling and its limitations
- interpreting and communicating the results of a statistical analysis
- data analysis using statistical computing tools and software
- probability and the mathematical foundations of statistics