## Statistics, MS

## **Learning Outcomes**

Graduates will be able to:

- understand the mathematical and statistical theory that underlies commonly used statistical methods;
- choose appropriate statistical methods for data analysis;
- correctly and effectively implement descriptive and inferential statistical methods;
- identify and criticize inappropriate use of statistics;
- consult with non-statisticians to help collect and analyze data; and
- acquire effective communication skills for disseminating statistical findings.