

# Math 115: Elementary Statistics

## Mathematics

This course will provide students with a basic understanding of the proper statistical techniques used to estimate population parameters. These techniques include ways of setting up a well-defined study, methods for organizing and displaying data, and how to summarize data by using descriptive statistics. In addition, students will learn the basic concepts of probability and probability distributions as well as how to create confidence intervals and complete hypothesis tests. The non- online sections meet twice weekly, with other work completed in a mathematics lab.

3 Credits

### Prerequisites

- Minimum ACT mathematics score of 19 (SAT 450 or SATR 510); or ACT mathematics score of 17 (SAT 410 or SATR 460) or mathematics score of 18 (SAT 430 or SATR 490) and ALEKS PPL score of 30; or the successful completion of DS 099, if required.

### Instruction Type(s)

- Lecture: Lecture for Math 115
- Lecture: Web Based Lecture for Math 115
- Lecture: Hybrid Lecture for Math 115
- Lecture: WEB Washington Internship for Math 115
- Lecture: WEB NYIE Internship for Math 115
- Lecture: iStudy for Math 115

### Course Fee(s)

#### Mathematics 2

- \$50.00

### Online, Internet, or Web-based

Students may be required to pay additional fees to an outside vendor for identity verification prior to a proctored assessment.

- \$100.00 per 3 Semester Credit Hours

### Subject Areas

- [Statistics, General](#)

### Related Areas

- [Mathematical Statistics and Probability](#)

