

Course Number

STA-104-01

Course Description

This course is intended to provide the conceptual foundations, and also analytical skills, for students to be able to quantify uncertainty, and further, to make rational decisions in the face of uncertainty. It addresses collection of high-quality data, basic statistical analysis of such data, including use of computer software, and drawing actionable conclusions from analyses. These conclusions include understanding the limitations of statistical analyses. The integration of subject matter knowledge with data analysis within the sequential cycle of scientific inquiry will be emphasized. This course is also intended to prepare students for more advanced statistics courses, such as those in experimental design or regression analysis.

Academic Term

20/WI

Instructor

Hoerl, Roger

Location & Meeting Time

Karp Hall-004+ M/W/F 11:45AM-12:50PM LEC

Petition

Y

Credits

1.00

Capacity

20

Total Students

16

Additional Information

<http://muse.union.edu/mathematics>

Common Curriculum

QMR Quant & Math Reasoning

Academic Department

Mathematics

Field Of Study

Statistics (STA)