

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)