Course Number CSC-033-01

Course Description

An introduction to the programming language R and how it can be used for statistical analysis and visualization of data. Students will learn how to write basic R programs that can read, write, and manipulate data. They will make use of R functions for executing common statistical analysis and learn how to display the results using graphs and charts. Through a series of projects, students will get experience with writing their own functions, learn how to make use of R documentation and how to extend their own knowledge of the language. A student can receive a pass/fail credit equivalent to one elective course, if they receive a passing grade in this course as well as in two terms (normally in a row) of the CS practicum course (CSC 281, 282).

Academic Term

22/WI

Instructor

Striegnitz, Kristina

Location & Meeting Time

Lippman-014+ T 01:55PM-03:40PM

Credits

0.00

Capacity

24

**Total Students** 

5

**Additional Information** 

http://cs.union.edu

Academic Department

Computer Science

Field Of Study

Computer Science (CSC)