

# Scientific Visualization

CSCI 297b, Spring 2023

April 18, 2023

## csci297b Scientific Visualization

- Instructor: Geoffrey Matthews [gmatthews@wlu.edu](mailto:gmatthews@wlu.edu)
- Office hours: 9:30 MWF and by appointment
- <https://github.com/geofmatthews/csci297b>
- Monday/Tuesday/Wednesday/Thursday/Friday
- 10:30 AM - 12:30 PM
- Parmly 405

# Online resources

- <https://www.r-project.org/> ..... **R home**
- **Books**
  - <https://rbasics.netlify.app/index.html> ..... Getting Used to R, RStudio, and R Markdown
  - <https://alexdi106.github.io/intro2R/index.html> ..... An Introduction to R
  - <https://moderndive.netlify.app/index.html> ..... A ModernDive into R and the Tidyverse
  - <https://rstudio-education.github.io/hopr/> ..... Hands-On Programming with R
  - <https://datasciencebook.ca/> ..... Data Science: a First Introduction
  - <https://r4ds.had.co.nz/> ..... R for Data Science
  - <https://ggplot2-book.org/> ..... ggplot2: Elegant Graphics for Data Analysis
  - <https://clauswilke.com/dataviz/> ..... Fundamentals of Data Visualization
  - <https://bookdown.org/yihui/rmarkdown/> ..... Rmarkdown: the Definitive Guide
- **Other**
  - <https://www.w3schools.com/r/default.asp> R tutorial
  - <https://education.rstudio.com/learn/beginner/> ..... R Studio Education Links
  - <https://posit.cloud/learn/primers> ..... Online primers
  - <https://rladiessydney.org/> ..... Video tutorials
  - <https://rmarkdown.rstudio.com/> ..... Rmarkdown videos