Course Calendar and Materials

Each week, Tuesdays will be primarily lecture and class discussion or short activities, and Thursdays will be lab days. You should bring your laptop with you to every class period.

Week 1 (Jan 19–21): Course Overview

Weekly Overview:

1. Discuss course structure and expectations.
2. Install R and RStudio.
3. Provide a brief introduction to R.

Virtual Materials:

Reading and Online Resources:

- Intro to R:
    - Modern Dive Ch. 1
    - R 4 DS Ch. 1
- R Installation Resources:
    - Guide from Earth Lab
    - Guide from DataCamp
- R Markdown:
    - R Markdown Overview

Week 2 (Jan 24–28):

Weekly Overview:

1. Create a Github account.
2. Install Git.

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 3 (Jan 31–Feb 4):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 4 (Feb 7–11):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 5 (Feb 14–18):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 6 (Feb 21–25):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 7 (Feb 28–Mar 4):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 8 (Mar 7–11):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 9 (Mar 21–25):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 10 (Mar 28–Apr 1):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 11 (Apr 4–8):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 12 (Apr 11–15):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 13 (Apr 18–22):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 14 (Apr 25–29):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Week 15 (May 2–6):

Weekly Overview:

Virtual Materials:

Reading and Online Resources:

In Class Lab:

Final Exam

Tuesday, May 10 12:00–1:50pm