Introduction

Welcome to 240!

Miranda Rintoul (she/her)
Call me anything.

- B.A. in Math, Reed College
- M.A. in Statistics, University of Arizona

- 4th year teaching at UW

My commitment as an instructor...

- Lectures encourage group work, conversation, and questions
- Homework/exams will reflect lecture content but will have you think about it in new ways
- Expectations and deadlines will be communicated clearly
- I will be responsive and accommodating to individual needs and situations

Goal: Learn how to investigate real-world data.

- Translate plain-language questions into mathematical ones
- Deal with messy and unruly data
- Communicate results effectively and clearly

240 is a relatively young course, still evolving and changing.

There are 2 instructors (Miranda Rintoul, Sahifa Siddiqua) across six sections.

- We teach students of many years and majors
- Prior coding/stats experience is not required

- First 5 weeks: crash course on R and tidyverse
- Next 5 weeks: probability and statistics
- Last 5 weeks: case studies, ending with final project and final exam

Zoom in on a specific week:

- 3 lectures and 1 discussion
- Discussion worksheet graded for completeness
- Homework due Friday graded for accuracy

- Discussion and homework cover last week's material

Grading criteria:

- Discussion (2 free drops): 10%
- Homework (1 free drop): 20%
- Group project: 10%
- Midterm 1: 20%
- Midterm 2: 20%
- Final exam: 20%

The exams are all in-person.

- Midterm 1: 2 hours, in the evening
- Midterm 2: 50 minutes, in-class
- Need accommodations? Talk to me and McBurney.

Contact me as soon as possible if you have any conflicts or need a make-up exam.

Lots of resources!

- Drop-in hours
- Statistics Learning Center (free tutoring)
- Piazza Q&A
- 240 notes website!

Detailed schedule in syllabus and on Canvas

Install R and Rstudio:

https://posit.co/download/rstudio-desktop/

- R is a free, open-source **programming language**
- Rstudio is an **Integrated development environment** (IDE) to facilitate using R