Introduction

Welcome to 240!

Miranda Rintoul (she/her)
Call me anything.

- 5th year teaching at UW
- nth time teaching STAT 240

My commitment as an instructor...

- Engaging lectures

- Assessments reflect lecture content

- Deadlines communicated clearly

- I will be 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 and still-evolving course.

There are 3 instructors (Miranda Rintoul, Sahifa Siddiqua, Bi Cheng Wu) across four 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

Weekly rhythm:

Grading criteria:

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

Exams are in-person.

- Midterms: 50 minutes, in-class
- Final: on enroll.wisc.edu
- 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
- GLC (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