

# Stat120: Introduction to Statistics

Fall 2024 | MWF 3a | CMC 306

**Prof: Amanda Luby**

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[aluby.github.io](https://aluby.github.io)

**Office Hours (CMC 223)**

Tues/Wed/Thurs (tentative)

On Slack: anytime

By [appointment](#)

**Texts**

*Statistics: Unlocking the Power of Data (3rd Ed)* aka Lock5

[Stat120 Lab Manual](#)

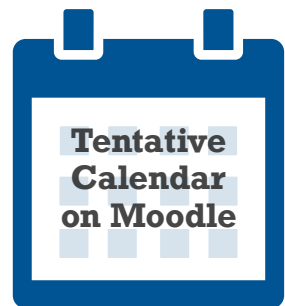
**Stat Lab**

CMC 304

[Schedule](#)

**Other Tools**

- Gradescope
- Moodle
- [Maize Server](#) (+ [VPN](#))
- [Slack](#)



## Monday

- Class 11:10-12:20
- Appointments available
- Stat Lab 7-11

## Wednesday

- Class 11:10-12:20
- Office Hours 2-3pm
- Stat Lab 7-11
- Homework due @ midnight

## Friday

- Class 12-1
- Office Hours 1-2
- Homework due @ midnight (weeks 4,7,9)

## Tuesday

- Office hours 10:30-11:30
- Stat Lab 7-11

## Thursday

- Stat Lab 7-11

## Saturday/Sunday

- Take a break!
- Stat Lab Sat 2-4, Sun 1-5 & 8-10

This course serves as an introduction to statistics and data analysis. Practical aspects of statistics will be emphasized, including extensive use of programming in the statistical software R, interpretation and communication of results. Topics include: exploratory data analysis, correlation and linear regression, design of experiments, the normal distribution, randomization approach to inference, sampling distributions, estimation, and hypothesis testing.

## Assessment

15% Weekly Homework	45% Exams (15% Each) Fridays Week 3, 6, 9	15% Project Poster	15% Project Paper	10% Daily Checks & Activities
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Be sure to read the full syllabus for all of the course policies + more tips!