Welcome to Stat 240, Spring 2024!

Instructional Staff + Syllabus

- Instructor: **Cameron Jones (cjones46@wisc.edu)**
- TAs:
  - **Youngjoo Yun (yyun25@wisc.edu)**
    - DIS 321: Monday 2:25pm-3:15pm, 218 Educational Sciences
    - DIS 322: Monday 3:30pm-4:20pm, 114 School of Social Work Building
    - DIS 323: Monday 4:35pm-5:25pm, B223 Van Vleck Hall
  - **Xinyu Li (xli2399@stat.wisc.edu)**
    - DIS 324: Monday 2:25pm-3:15pm, 106 School of Social Work Building
    - DIS 325: Monday 3:30pm-4:20pm, 110 School of Social Work Building
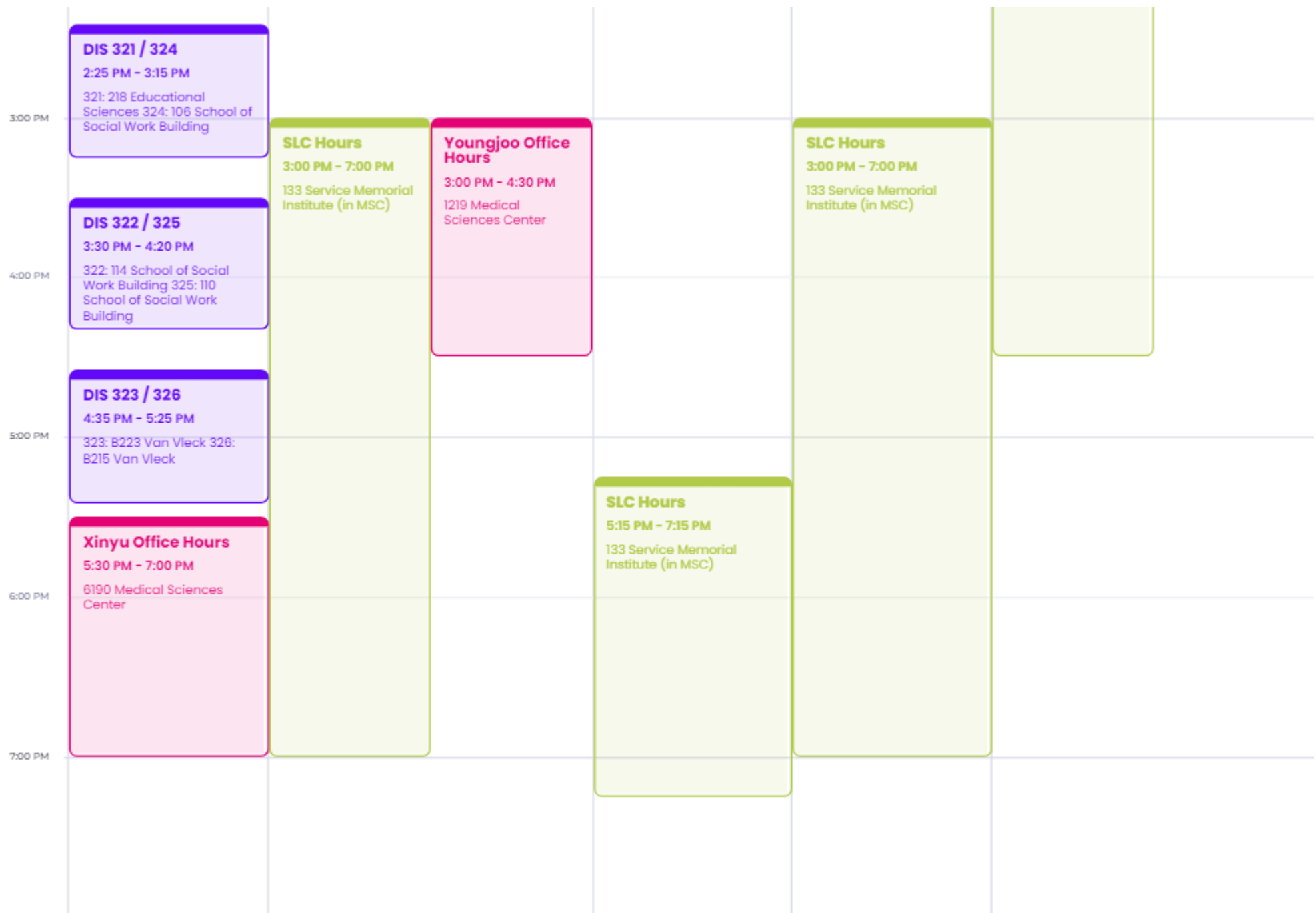   - DIS 326: Monday 4:35pm-5:25pm, B215 Van Vleck Hall

For more information about this course, please consult the **course syllabus.**

(https://canvas.wisc.edu/courses/397597/files/36909649?wrap=1) ↓ **(https://canvas.wisc.edu/courses/397597/files/36909649/download?
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Day to Day Schedule + Resources for Help

SCHEDULE MAKER.IO

STAT 240 Spring 2024

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

9:00 AM

10:00 AM

Lecture (Monday)
9:55 AM – 10:45 AM
5206 Sewell Social Sciences

Lecture (Wednesday)
9:55 AM – 10:45 AM
5206 Sewell Social Sciences

Lecture (Friday)
9:55 AM – 10:45 AM
5206 Sewell Social Sciences

11:00 AM

Cameron Office Hours (Friday)
11:00 AM – 1:00 PM
1210 MSC

12:00 PM

SLC Hours (Thursday)
1:30 PM – 4:30 PM
133 Service Memorial Institute (in MSC)

1:00 PM

2:00 PM

DIS 321 / 324

2:25 PM – 3:15 PM

321: 218 Educational Sciences 324: 106 School of Social Work Building

SLC Hours

3:00 PM – 7:00 PM

133 Service Memorial Institute (in MSC)

Youngjoo Office Hours

3:00 PM – 4:30 PM

1219 Medical Sciences Center

SLC Hours

3:00 PM – 7:00 PM

133 Service Memorial Institute (in MSC)

DIS 322 / 325

3:30 PM – 4:20 PM

322: 114 School of Social Work Building 325: 110 School of Social Work Building

DIS 323 / 326

4:35 PM – 5:25 PM

323: B223 Van Vleck 326: B215 Van Vleck

SLC Hours

5:15 PM – 7:15 PM

133 Service Memorial Institute (in MSC)

Xinyu Office Hours

5:30 PM – 7:00 PM

6190 Medical Sciences Center

- You do not need an appointment or even a concrete question to come visit office hours, just drop in!

- The **Statistics Learning Center** **(https://stat.wisc.edu/learning-center/)** (SLC) has dedicated STAT 240 personnel to help answer any questions.
    - On Fridays they open at 12:30. This schedule maker was having trouble rendering that.

- For additional, asynchronous help please post in the communal **course Discord**⤵ **(https://discord.gg/KVPrZCbKT6)** .

Weekly Course Schedule, Lecture Files, and Homework

This course schedule is tentative and may be updated as the semester goes on.

Recorded lectures will be posted in **Kaltura Gallery (https://canvas.wisc.edu/courses/397597/external_tools/9199)** .

Week	SUN	MON	TUE	WED	T
W1			1-23	1-24	1
			Topics this week:		
			• **Syllabus (https://canvas.wisc.edu/courses/397597/files/36909649? wrap=1)** ⤓ **(https://canvas.wisc.edu/courses/397597/files/36909649/download? download_frd=1)** / **course intro (https://canvas.wisc.edu/courses/397597/files/36802354?wrap=1)** ⤓ **(https://canvas.wisc.edu/courses/397597/files/36802354/download?**		

download_frd=1)
(https://canvas.wisc.edu/courses/374218/pages/week-1-getting-started-with-r-slash-rstudio)

- **Getting started with R/Rstudio (https://canvas.wisc.edu/courses/397597/pages/week-1-getting-started-with-r-and-rstudio)**

	1-28	1-29	1-30	1-31	
W2		Discussion 1 **Topic this week:** Data visualization with ggplot2			
	2-4	2-5	2-6	2-7	
W3		Discussion 2 **Topic this week:** Data cleaning with dplyr			
W4	2-11	2-12	2-13	2-14	
		Discussion 3 **Topic this week:** Readr/lubridate			

W5	2-18	2-19 Discussion 4 **Topic this week:** Reshaping data with tidyr	2-20	2-21	2
W6	2-25	2-26 Discussion 5 **Topic this week:** Working with strings using stringr	2-27	2-28	2
W7	3-3	3-4 **Topic this week:** (start inference!) Basic probability theory	3-5	3-6	3
W8	3-10	3-11 Discussion 6 *Projects groups assigned, instructions given*	3-12	3-13	3

		Topic this week: Random variables			
W9	3-17	3-18 Discussion 7 **Topic this week:** **(https://canvas.wisc.edu/courses/374218/pages/week-9-inference-on-proportions-chimps-data)** Inference on proportions	3-19	3-20 *Project proposal due*	3
	3-24	3-25	3-26	3-27	3
		Spring break!			
W10	3-31	4-1 Discussion 8 *Proposal feedback during discussion* **Topic this week:** Inference on means	4-2	4-3	

	4-7	4-8	4-9	4-10	4
W11		Discussion 9 **Topic this week:** finish inference			
	4-14	4-15	4-16	4-17	4
W12		Discussion 10 **Topic this week:** Introduce regression		*Draft report due*	
	4-21	4-22	4-23	4-24	4
W13		Discussion 11 **Topic this week:** more regression		*Peer review due*	
W14	4-28	4-29 *Informal project presentation in discussions*	4-30	5-1 *Final report due*	5

		Topic this week: review			
W15					**Fi** **Ex**