



STAT 22000 1, STAT 22000 1 - Statistical Methods and Applications - Instructor(s) - Fei Liu

Project Title: **College Course Feedback - Spring 2024**

Number Enrolled: **71**

Number of Responses: **26**

Report Comments

Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

Creation Date: **Thursday, July 11, 2024**

What are the most important things that you learned in this course? Please reflect on the knowledge and skills you gained.

Comments
Learned statistics basics and R
Hypothesis testing and basic statistical ideas.
Hypothesis testing, confidence interval, regression line. central limit theorem.
Basics statistical analysis, hypothesis testing, normal and binomial distribution, z–test, t–test, a little bit of regression, etc....
This is an intro to stats so you really just learn all of the basics.
Very applicable statistics information
probability; test statistics; hypothesis tests; R coding; general stats
Z–distribution, binomial distribution, bernoulli trials, t–distribution and a lot of tests
distributions, p–values, numerical types
hypo testing
I learned how to conduct hypothesis tests and the basics of probability and experimentation.
stats in R, different statistics, different displays of data: histogram, bar, mosaic etc., probability, simple regression model
Statistical analysis
Basic stats

Describe how aspects of this course (lectures, discussions, labs, assignments, etc.) contributed to your learning.

Comments
Lectures were not very helpful but CL were
You learned content in lecture, then practiced in psets.
Collaborative learning and homework assignments helped a lot. Was useful to sit in lectures rather than watching recordings. Did not find labs that helpful
The lectures were very helpful. They were also recorded and the slides were posted after, so there were many resources for those days when I missed class or slept in. I didn't go the labs. The psets were long but helpful, especially for the final and midterm.
Lectures are very helpful since she goes over all the materials and shows example problems.
Lectures and collaborative learning
sign up for collaborative sections, they were really helpful
lectures were helpful as were homeworks
I actually thought that the collaborative sessions – although maybe annoying – were instrumental to my learning
collaborative learning allowed me to review content taught in lectures and solidify my understanding of the material
collaborative learning
Lectures wre good
The lectures and psets were very helpful when trying to understand the material.
lectures are informative and the collaborative learning sessions are good for more practice and solidifying statistical concepts
Collaborative learning section was really helpful in reviewing test–like problems outside of the lectures and fully understanding them.
lectures eh, homework and collaborative learning helpful

Please respond to the following:

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
This course challenged me intellectually.	4.52	5.00	0.00%	0.00%	0.00%	47.83%	52.17%
I understood the purpose of this course and what I was expected to gain from it.	4.35	4.00	0.00%	4.35%	4.35%	43.48%	47.83%
I understood the standards for success on assignments.	4.48	5.00	0.00%	4.35%	0.00%	39.13%	56.52%
Class time enhanced my ability to succeed in graded assignments.	4.09	4.00	0.00%	8.70%	13.04%	39.13%	39.13%
I received feedback on my performance that helped me improve my subsequent work.	3.95	4.00	4.76%	9.52%	19.05%	19.05%	47.62%
My work was evaluated fairly.	4.43	5.00	0.00%	0.00%	13.04%	30.43%	56.52%
I felt respected in this class.	4.48	5.00	0.00%	0.00%	14.29%	23.81%	61.90%
Overall, this was an excellent course.	4.26	4.00	0.00%	8.70%	4.35%	39.13%	47.83%

Additional comments about the course:

Comments
Course seems very easy in the beginning but gets quite difficult towards the end. It becomes really easy to skip class but the recordings you watch start accumulating so just go to lecture.
Fei is great.
Fei Liu is a great professor. If you're going to take STAT 220 I would highly recommend taking it with Fei Liu. She's great.

I would recommend this course to:

	No	Yes
Highly-motivated and well-prepared students	8.70%	91.30%
Anyone interested in the topic	13.04%	86.96%

Thinking about your time in the class, what aspect of the instructor's teaching contributed most to your learning?

Comments
Lecture concepts were clear and sufficient practice and review was given.
demonstrating how to solve problems in class. providing solutions to homework afterwards. allowing formula sheet.
She is a good professor who is clear and helpful. Her lectures are very helpful to understand the concepts, but because of the 50 min time limit, they can feel rushed.
She was super patient in lecture and went at a good pace for all of them. She went over all of the examples and gave tips on common mistakes as she went.
Professor Liu genuinely wants her students to succeed. She is incredibly kind and happy to help during office hours.
Clear and concise slides.
lectures are helpful, office hours as well
the lectures which covered topics in detail and had examples
I liked the examples in class
didn't attend lectures, no idea
Slides
The lectures were very engaging and very helpful when I was trying to learn the topics. I also enjoyed the collaborative learning sessions as those provided me with practice problems and a smaller environment where I could ask questions.
office hours and the flexibility of the class being offered in person and on zoom

What could the instructor modify to help you learn more?

Comments
Plan our lectures that fit within class time and stay on track
organising info more clearly, especially after 2nd midterm on different testing since it got quite confusing
N/A
i think more explanations on certain topics would have been helpful, especially towards the last few weeks it felt like we picked up the pace insanely and essentially Weeks 7–9 covered as much content as Weeks 1–6, which made it difficult to keep up.
I enjoyed everything – I think maybe being more on time alongside the other class could be helpful so we aren't rushing in the end but it wasn't a huge problem
didn't attend lectures, no idea
Not sure
Nothing
I think the lectures are always a bit rushed, we always ran out of time for the lecture slide of the day, perhaps better time management

The Instructor . . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Organized the course clearly.	4.57	5.00	0.00%	0.00%	4.76%	33.33%	61.90%	0.00%
Presented lectures that enhanced your understanding.	4.38	5.00	0.00%	9.52%	4.76%	23.81%	61.90%	0.00%
Facilitated discussions that were engaging and useful.	4.21	5.00	4.76%	9.52%	0.00%	23.81%	52.38%	9.52%
Stimulated your interest in the core ideas of the course.	4.05	5.00	9.52%	4.76%	9.52%	23.81%	52.38%	0.00%
Challenged you to learn.	4.57	5.00	0.00%	4.76%	4.76%	19.05%	71.43%	0.00%
Helped you gain significant learning from the course content.	4.52	5.00	0.00%	4.76%	4.76%	23.81%	66.67%	0.00%
Was available and helpful outside of class.	4.53	5.00	0.00%	0.00%	9.52%	23.81%	57.14%	9.52%
Motivated you to think independently.	4.45	5.00	4.76%	0.00%	4.76%	23.81%	61.90%	4.76%
Worked to create an inclusive and welcoming learning environment.	4.55	5.00	0.00%	4.76%	4.76%	19.05%	66.67%	4.76%
Overall, this instructor made a significant contribution to your learning.	4.43	5.00	0.00%	9.52%	4.76%	19.05%	66.67%	0.00%

Please include the name of the TA/CA/Intern you are evaluating. What aspects of the TA's teaching contributed most to your learning? What could the TA modify to help you learn more? Please include any additional feedback for the TA/CA/Intern.

Comments
Aafia was great! She was very helpful and kind.
Too many
Malena Bell. Very chill and nice.
Harriet Fisher for CL. She was helpful and explained the concepts on the CL psets well, which helped me grasp some of the harder lectures in practice.
Malenda Bell
Malena Bell – she was kind and helpful and provided any additional help necessary
Trinity Ransom
Jessica
Beining wu
Harriet Fisher. This TA was very helpful in answering any questions I had and explaining topics that confused me.
Harriet Fisher is my collaborator learning session instructor. She is supportive, good at explaining concepts, provided js with formula sheets and practice problems for the finals. rly rly helpful
Aafia Sait

The TA/CA or Intern. . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Facilitated discussions that supported your learning.	4.60	5.00	0.00%	0.00%	8.33%	16.67%	58.33%	16.67%
Gave you useful feedback on your work.	4.82	5.00	0.00%	0.00%	0.00%	16.67%	75.00%	8.33%
Stimulated your interest in the core ideas of the class.	4.56	5.00	0.00%	0.00%	0.00%	33.33%	41.67%	25.00%
Challenged you to learn.	4.70	5.00	0.00%	0.00%	0.00%	25.00%	58.33%	16.67%
Helped you succeed in the class.	4.67	5.00	0.00%	0.00%	8.33%	16.67%	75.00%	0.00%
Was available and helpful outside of class.	4.78	5.00	0.00%	0.00%	0.00%	16.67%	58.33%	25.00%
Overall, this individual made a significant contribution to your learning.	4.67	5.00	0.00%	0.00%	0.00%	33.33%	66.67%	0.00%

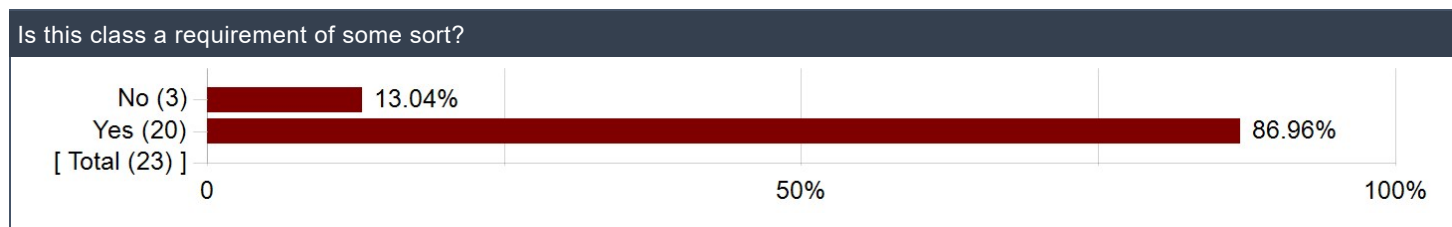
How much did the following elements of the course contribute to your learning gains?

	Mean	Median	No Gain	A Little Gain	Moderate Gain	Good Gain	Great Gain	N/A
Laboratory Experience	3.80	4.00	0.00%	11.11%	11.11%	11.11%	22.22%	44.44%
Field Trips	5.00	5.00	0.00%	0.00%	0.00%	0.00%	12.50%	87.50%
Library Sessions	5.00	5.00	0.00%	0.00%	0.00%	0.00%	12.50%	87.50%
Review Sessions	4.00	4.00	0.00%	0.00%	12.50%	12.50%	12.50%	62.50%
Writing Seminars	5.00	5.00	0.00%	0.00%	0.00%	0.00%	12.50%	87.50%

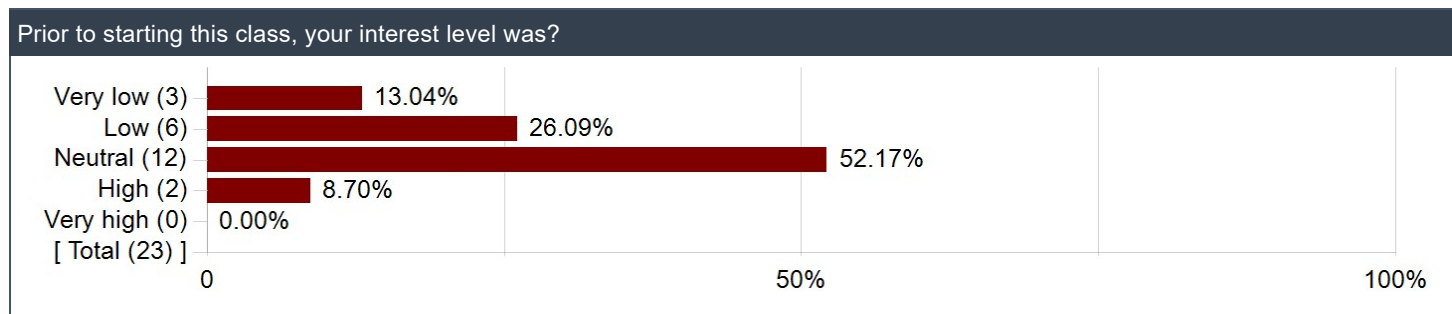
Other course elements not mentioned above:

Comments
Collaborative Learning
collaborative learning session
Collaborative Learning

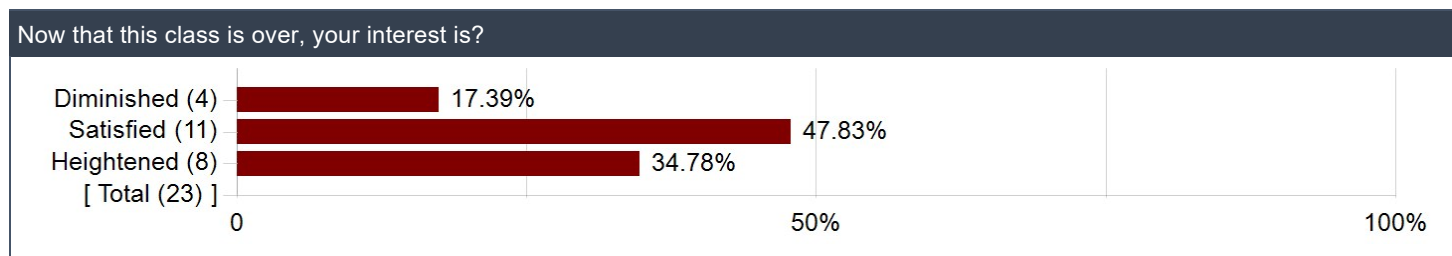
Is this class a requirement of some sort?



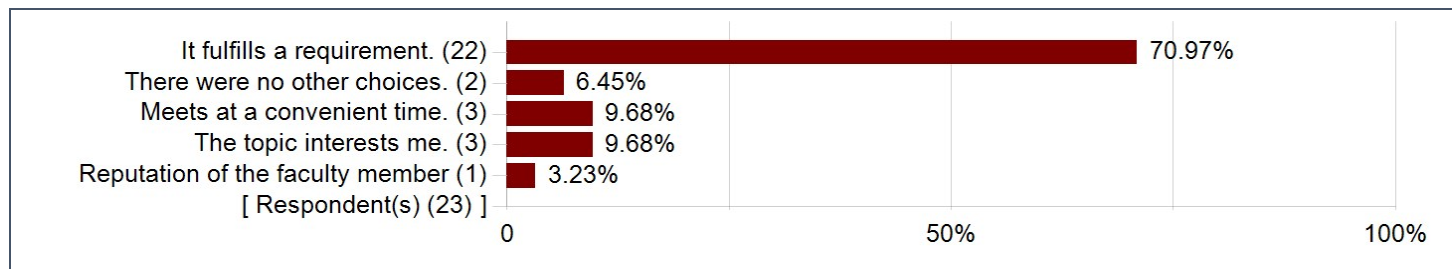
Prior to starting this class, your interest level was?



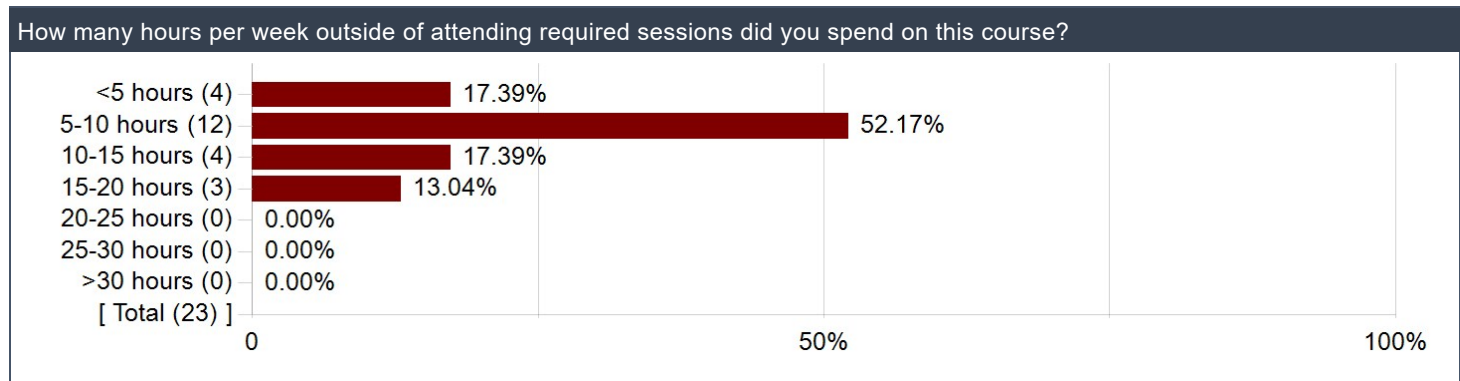
Now that this class is over, your interest is?



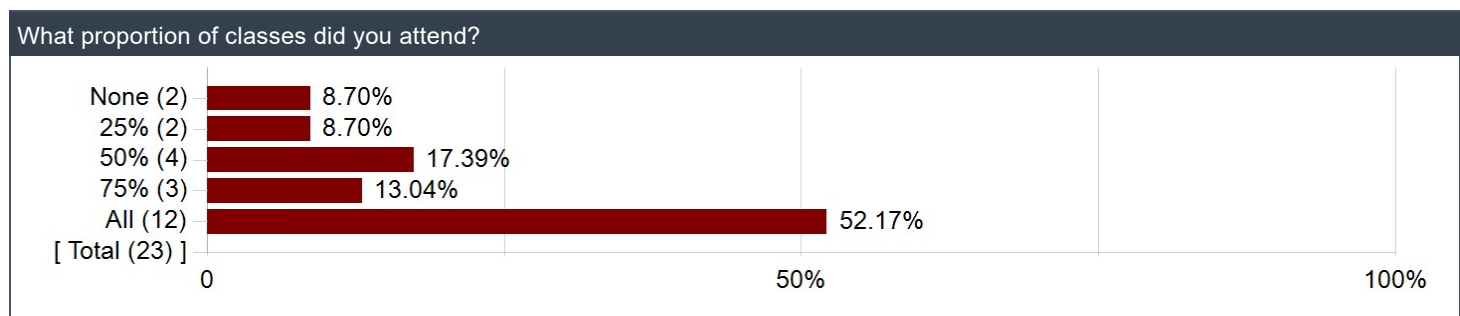
Why did you choose to take this course? (Select all that apply)



How many hours per week outside of attending required sessions did you spend on this course?



What proportion of classes did you attend?



Please comment on the level of difficulty of the course relative to your background and experience.

Comments
Hard because lectures did not help
I had no background and found the course to be very manageable.
IB AAHL Math — Course was easy up till after second midterm (hypothesis testing...)
Coming from someone who had never taken stats before at all, the class has a learning curve. However, there are a lot of resources to do well and doing a lot of practice problems really helped me do well on the midterms. The R coding part isn't that bad for someone with a background in some comp sci.
I have no background in stats and it was definitely a challenge. The course moves quickly so you have to stay on top of all of the concepts. It's doable, but just be prepared to study after every class or else you will fall behind.
Pretty chill (Background: 5 on AP stats)
Had not taken stats in high school, definitely found the course difficult. It requires a consistent time commitment outside of class to do the homeworks and to actually understand the material
the p sets took a lot of time and required r which I had never done before; it starts off fine and really picks up in the last few weeks you cover A LOT of material
it was difficult having not taking high school stats but once you get the basics down it is doable and not too hard
had no stats background and attended 1 lecture my entire time, not a very difficult class at all
The r coding was extremely difficult and the r-specific exam ranked my grade which is unfortunate because this isn't a coding class
intro to stats pretty much anyone can take
Hard but I've never taken stat before