



Please Note: Due to COVID19/Emergency Remote Teaching, survey responses may have been affected.

## ESCI ONLINE SURVEY STATISTICS

3/28/22

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### End of Winter Quarter 2022 -- ESCI Online

Department and Campus Norms taken over time span: Spring Quarter 2017 - Winter Quarter 2022

Abbrv: **STATS**      Instructor: **COBURN K M**  
Department: **STATISTICS & APPLIED PROBABILITY**

Rank: **Faculty**

Course: **PSTAT 131 0100**  
Course Enrollment: **77**

Type: **Lecture**  
**\*Concurrent Course\***  
(see footer)

*Guidelines for "Interpreting ESCI Data" and a description of the "Report Output" can be found at <http://oic.id.ucsb.edu/esci>.*

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**These two questions were determined by the Academic Senate Committee on Academic Personnel (CAP) and Committee on Effective Teaching and Instructional Support (CETIS) to be appropriate for all student end-of-course surveys.**

(1) **A.** In rating a course, you should consider the instructor's teaching apart from the course materials or content.

Please rate the overall quality of the instructor's teaching.

(a) Excellent      (b) Very Good      (c) Good      (d) Fair      (e) Poor

Response weighting:	1	2	3	4	5	Blank	Total	Total	Mean	Median
	(a)	(b)	(c)	(d)	(e)	Response	Students	Courses		
<b>This COURSE current quarter</b>	<b>75%</b>	<b>13%</b>	<b>10%</b>	<b>3%</b>		<b>0</b>	<b>40</b>	<b>1</b>	<b>1.4</b>	<b>1.0</b>
Student-weighted Norms (UG students)										
Dept STATS FACULTY current qtr	49%	22%	13%	9%	6%	1	1084	25	2.0	2.0
Dept STATS FACULTY over time	45%	23%	17%	9%	5%	18	18591	327	2.1	2.0
Campus FACULTY over time	52%	23%	15%	6%	3%	295	299092	10600	1.9	1.0
Course-weighted Norms (UG courses)										
Dept STATS FACULTY current qtr	49%	21%	15%	9%	7%			25	2.0	2.0
Dept STATS FACULTY over time	50%	20%	16%	9%	5%			327	2.0	1.0
Campus FACULTY over time	62%	20%	11%	4%	2%			10600	1.6	1.0

(2) **B.** Please rate the overall quality of the course, including its material or content, independent of the instructor's teaching.

(a) Excellent      (b) Very Good      (c) Good      (d) Fair      (e) Poor

Response weighting:	1	2	3	4	5	Blank	Total	Total	Mean	Median
	(a)	(b)	(c)	(d)	(e)	Response	Students	Courses		
<b>This COURSE current quarter</b>	<b>63%</b>	<b>23%</b>	<b>15%</b>			<b>0</b>	<b>40</b>	<b>1</b>	<b>1.5</b>	<b>1.0</b>
Student-weighted Norms (UG students)										
Dept STATS FACULTY current qtr	48%	23%	16%	8%	4%	3	1084	25	2.0	2.0
Dept STATS FACULTY over time	42%	26%	20%	9%	4%	64	18591	327	2.1	2.0
Campus FACULTY over time	50%	25%	17%	6%	3%	734	299092	10600	1.9	2.0
Course-weighted Norms (UG courses)										
Dept STATS FACULTY current qtr	47%	24%	17%	8%	5%			25	2.0	2.0
Dept STATS FACULTY over time	48%	23%	17%	8%	4%			327	2.0	2.0
Campus FACULTY over time	60%	21%	12%	4%	2%			10600	1.7	1.0



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Abbrev: **STATS**

Instructor: **COBURN K M**

Rank: **Faculty**

Course: **PSTAT 131 0100**

Type: **Lecture**

Department: **STATISTICS & APPLIED PROBABILITY**

Course Enrollment: **77**

**\*Concurrent Course\***

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(5464) **1.** Preparation and organization of lectures.

a = Excellent      b = Very Good      c = Good      d = Fair      e = Poor

Response weighting:	1 (a)	2 (b)	3 (c)	4 (d)	5 (e)	Blank Response	Total Students	Total Courses	Mean	Median
<b>This COURSE current quarter</b>	<b>66%</b>	<b>18%</b>	<b>13%</b>	<b>3%</b>		<b>2</b>	<b>40</b>	<b>1</b>	<b>1.5</b>	<b>1.0</b>
Student-weighted Norms (UG students)										
Dept STATS FACULTY current qtr	54%	20%	14%	8%	4%	10	1084	25	1.9	1.0
Dept STATS FACULTY over time	53%	22%	15%	7%	4%	134	18509	323	1.9	1.0
Campus FACULTY over time	53%	22%	15%	7%	4%	135	18545	330	1.9	1.0



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Rank: **Faculty**

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Type: **Lecture**

Department: **STATISTICS & APPLIED PROBABILITY**

Course Enrollment: **77**

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(1408)

### Comments:

I loved Katie's lectures - she has a really intuitive way of teaching.

Best lecture

Professor Coburn's lectures are always super fun. Its clear that she spent a lot of time making the slides engaging and easy to understand.

The PowerPoint needs more explanation for the concept.

The lectures were always uploaded in pdf form and also gauchocast, and the sections were also formatted this way. I think the way the class was laid out was also great.

The lectures were not very dense; we would end up talking about announcements for a good portion of the lecture before getting to the material. I had to refer to the textbook instead for most of the material.

Would like to see the lectures lined up with the section material because the section stuff was sometimes confusing as we had not covered it in lecture yet.

Lectures were clear, but often, I felt they could just be read online without needing to go the lectures. The lecture slides did not have as much information than I would have liked, so students oftentimes would not go to lectures because the information could simply be read on pdf without professor explaining it. I think Katie should add more information to the slides to give students more details instead of having just charts, graphs, etc. One thing is that Katie was a little behind on her lectures at first. As a result, I was studying material for labs that was not even taught yet in lectures. One improvement for her is to manage the time of the lectures so she doesnt fall behind on lectures on the syllabus.



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Type: **Lecture**

Department: **STATISTICS & APPLIED PROBABILITY**

Course Enrollment: **77**

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(5465) **2.** Instructor's apparent knowledge and enthusiasm for the subject matter.

a = Excellent      b = Very Good      c = Good      d = Fair      e = Poor

Response weighting:	1 (a)	2 (b)	3 (c)	4 (d)	5 (e)	Blank Response	Total Students	Total Courses	Mean	Median
<b>This COURSE current quarter</b>	<b>84%</b>	<b>13%</b>	<b>3%</b>			<b>2</b>	<b>40</b>	<b>1</b>	<b>1.2</b>	<b>1.0</b>
Student-weighted Norms (UG students)										
Dept STATS FACULTY current qtr	65%	17%	13%	4%	1%	11	1084	25	1.6	1.0
Dept STATS FACULTY over time	61%	21%	12%	4%	2%	156	18509	323	1.7	1.0
Campus FACULTY over time	61%	21%	12%	4%	2%	157	18545	330	1.7	1.0



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Abbrv: **STATS**

Instructor: **COBURN K M**

Rank: **Faculty**

Course: **PSTAT 131 0100**

Type: **Lecture**

Department: **STATISTICS & APPLIED PROBABILITY**

Course Enrollment: **77**

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(1409)

#### Comments:

Katie is extremely enthusiastic and knowledgeable about machine learning. She's super approachable and admits the challenges that many may face when implementing machine learning.

Best lecture

Sometimes she might not know some things, but the things she won't know are small, such as why a certain thing is named that way. Other than that, she is incredibly helpful in explaining topics and answering students' questions.

I think Professor Coburn's enthusiasm for the subject matter is extremely clear! Her face and voice light up when discussing anything pertaining to Machine Learning and Data Science. It really helped during this quarter when things were really uncertain due to another covid outbreak and now possibly world war 3. Her lectures were really a bright spot in a rather tough quarter when many people's morales were rather low.

Prof. Coburn is very enthusiastic about the course and the material and it's infectious. It makes the course and her lectures much more engaging.

I loved Katie's passion and her willingness to help! It was clear that she was passionate about the subject and wished for us to achieve a thorough understanding of the concepts as well!

The instructor was very knowledgeable and made time to meet students outside of class to help.

Professor Coburn has a ton of enthusiasm which is great! She sometimes had to google answers to questions at the beginning but she seemed more knowledgeable of the material as the course went on.

It is clear Katie is very knowledgeable about machine learning and has many years of experience working with R Studios and data analysis.



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Instructor: **COBURN K M**

Rank: **Faculty**

Course: **PSTAT 131 0100**

Course Enrollment: **77**

Type: **Lecture**

\*Concurrent Course\*  
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(5466) **3.** Accessibility and helpfulness of the instructor outside of class (during office hours.)

a = Excellent      b = Very Good      c = Good      d = Fair      e = Poor

Response weighting:	1	2	3	4	5	Blank Response	Total Students	Total Courses	Mean	Median
	(a)	(b)	(c)	(d)	(e)					
<b>This COURSE current quarter</b>	<b>76%</b>	<b>18%</b>	<b>3%</b>		<b>3%</b>	<b>2</b>	<b>40</b>	<b>1</b>	<b>1.3</b>	<b>1.0</b>
Student-weighted Norms (UG students)										
Dept STATS FACULTY current qtr	54%	21%	17%	5%	3%	21	1084	25	1.8	1.0
Dept STATS FACULTY over time	50%	23%	18%	6%	3%	365	18509	323	1.9	1.0
Campus FACULTY over time	50%	23%	18%	6%	3%	366	18545	330	1.9	1.0

(1410) **Comments:**

She has extensive office hours and often goes overtime, truly showing her passion for the subject. I wish she would go through her emails more often, though.

-----  
Best lecture

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She made sure to have 2 separate office hours for those in person and those not in person.

-----  
Professor Coburn is always willing to help with questions or just chat about how things are going.

-----  
Prof. Coburn hosted more than enough office hours and she is very approachable. She breaks down things in a very understandable way and she helped me and my knowledge of the material so much this quarter.

-----  
Great in person and online office hours along with other days to help

-----  
Accessible and willing to answer questions.

-----  
Katie is very helpful during office hours and offers both in-person and remote office hours every week. She takes the time to really help students understand and master the material. I go to her office hours all the time to ask about my code and never feel uncomfortable asking those questions, even if I feel like there are not smart. Katie has a demeanor for interaction and I enjoy asking her questions.  
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Type: **Lecture**

Department: **STATISTICS & APPLIED PROBABILITY**

Course Enrollment: **77**

\*Concurrent Course\*

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(5467) **4.** Clarity of course objectives.

a = Excellent      b = Very Good      c = Good      d = Fair      e = Poor

Response weighting:	1	2	3	4	5	Blank Response	Total Students	Total Courses	Mean	Median
	(a)	(b)	(c)	(d)	(e)					
<b>This COURSE current quarter</b>	<b>68%</b>	<b>13%</b>	<b>16%</b>	<b>3%</b>		<b>2</b>	<b>40</b>	<b>1</b>	<b>1.5</b>	<b>1.0</b>
Student-weighted Norms (UG students)										
Dept STATS FACULTY current qtr	51%	21%	16%	7%	5%	13	1084	25	1.9	1.0
Dept STATS FACULTY over time	46%	24%	18%	8%	4%	173	18509	323	2.0	2.0
Campus FACULTY over time	46%	24%	18%	8%	4%	175	18545	330	2.0	2.0

(1411) **Comments:**

Best lecture

-----  
 The course objectives were very clear and everything is fully explained in detail in the syllabus.  
 -----

I wish that we had a clearer description of the expectation for the final project. The rubric seemed a bit out of date and as a result it misled us a bit. In addition, with the way the course is structured, it happened to be that some concepts were taught very late in the course, some of which some students most likely were trying to incorporate into their project. This either led to students having to teach themselves some topics or needing additional assistance. The depth of the concepts covered also left something to be desired, with the final project seemingly to ask for very detailed descriptions of some models that were not covered in too much depth in lecture or the book. Overall, I believe this could be remedied by splitting the course into two parts, an A and a B, so that we can receive that depth to the many models covered in the course.

-----  
 Thorough syllabus and outlined the class in a calendar form. However, we did tend to deviate from this calendar (especially for homework assignments).  
 -----

The syllabus had to changed because Katie was a little behind on lectures. I've also heard from other students that she does take some time to get back to students' emails, so maybe Katie could improve that. However, I understand that she is very busy teaching classes, etc. But after a couple of weeks, I no longer followed the syllabus because it really did not match up with what was being taught.  
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Rank: **Faculty**

Course: **PSTAT 131 0100**  
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(5468) **5.** Fairness of workload and assignments.

a = Excellent    b = Very Good    c = Good    d = Fair    e = Poor

Response weighting:	1 (a)	2 (b)	3 (c)	4 (d)	5 (e)	Blank Response	Total Students	Total Courses	Mean	Median
<b>This COURSE current quarter</b>	<b>74%</b>	<b>18%</b>	<b>8%</b>			<b>2</b>	<b>40</b>	<b>1</b>	<b>1.3</b>	<b>1.0</b>
Student-weighted Norms (UG students)										
Dept STATS FACULTY current qtr	52%	20%	16%	8%	4%	10	1084	25	1.9	1.0
Dept STATS FACULTY over time	47%	24%	17%	8%	4%	174	18509	323	2.0	2.0
Campus FACULTY over time	48%	24%	17%	8%	4%	176	18545	330	2.0	2.0

(1412) **Comments:**

Good workload considering the difficulty of the subject.

Best lecture

Very fair workload!!

The level of difficulty and length of the homeworks is as expected for a computational heavy course. The only thing that I would ask to have changed is the weight on the final project, considering that sometimes the division of labor isn't quite as planned. I have a lot of anxiety since the last half of the quarter wondering if relying on my project partner was going to be reliable since 45% of my grade depended on this. However, I suppose this is actually pretty close to what real life scenarios would be in group projects, where your entire team could be fired if one key member doesn't produce their deliverables on schedule.

Prof. Coburn is very fair in timing assignment deadlines and as well as gives the right amount of work for each assignment.

I would recommend more practice with model building. For me personally, the homeworks and the labs were not enough. We did a lot of classification models but it was difficult figuring out how to adjust these models for regression.

I think the workload is good. Four homework that allowed students to demonstrate their knowledge from the labs and lectures was useful. Katie organizing students to start the project at the beginning of the quarter really was necessary so students did not fall behind.





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(5469) **6.** Relevance, readability and usefulness of textbook.

a = Excellent      b = Very Good      c = Good      d = Fair      e = Poor

Response weighting:	1 (a)	2 (b)	3 (c)	4 (d)	5 (e)	Blank Response	Total Students	Total Courses	Mean	Median
<b>This COURSE current quarter</b>	<b>63%</b>	<b>21%</b>	<b>13%</b>	<b>3%</b>		<b>2</b>	<b>40</b>	<b>1</b>	<b>1.6</b>	<b>1.0</b>
Student-weighted Norms (UG students)										
Dept STATS FACULTY current qtr	44%	20%	19%	11%	6%	26	1084	25	2.2	2.0
Dept STATS FACULTY over time	40%	20%	22%	11%	7%	412	18509	323	2.2	2.0
Campus FACULTY over time	40%	20%	22%	11%	7%	415	18545	330	2.2	2.0

(1413) **Comments:**

Katie followed the same structure as the textbook in her lectures.

-----  
Best lecture  
-----

The textbook was actually surprisingly easy to follow (ISLR). I think I was the most motivated to read it to prepare for quizzes, and it usually turned up a great result in my quiz grades.

-----  
I really liked this book! It didn't get bogged down with details and it was very readable. I could pick up a lot of things from it.  
-----

The textbook was the most useful part of this course.  
-----

Since lectures contained most of the materials being taught, I really did not need to use the textbook.  
-----