



University of Texas
at San Antonio

Dear Aimin Liu, (as private and confidential)

UTSA Course Evaluation Survey Results

Dear Aimin Liu,

In the attachment you will find the evaluation results of the survey 24687-01 CHE 4953 002 SS-Biochemistry Topics.

The overall indicator is listed first. It consists of the following scales:

The overall indicator is followed by the individual average values of the scales mentioned above. In the second part of the analysis the average values of all individual questions are listed.

If you have questions about the evaluation system please contact Leanne Charlton or Doug Atkinson at evaluate@utsa.edu

Aimin Liu

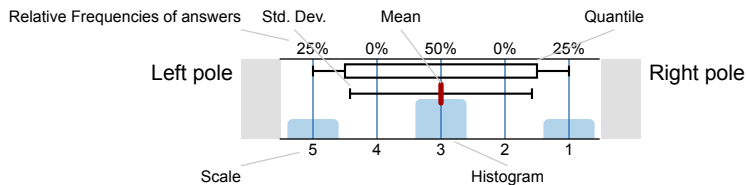
24687-01 CHE 4953 002 SS- Biochemistry Topics (19 Fall)



Survey Results

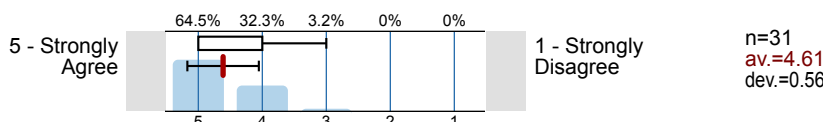
Legend

Question text

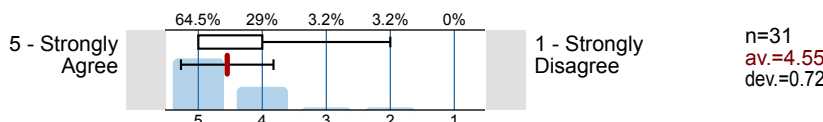


n=No. of responses
 av.=Mean
 dev.=Std. Dev.
 ab.=Abstention

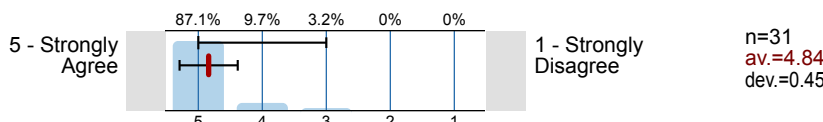
1. The instructor clearly defined and explained the course objectives and expectations.



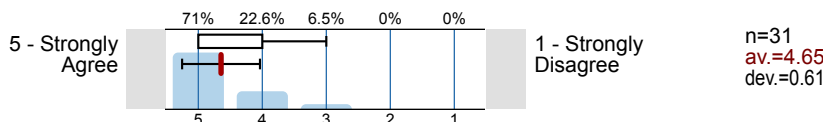
2. The instructor communicated information effectively.



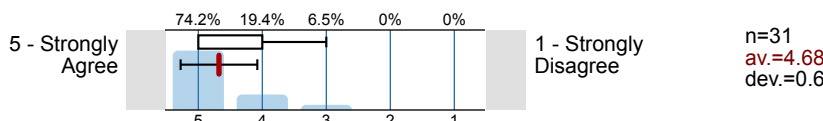
3. The instructor was prepared to teach for each instructional period.



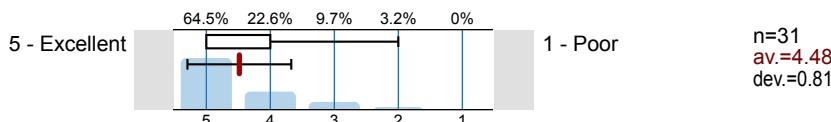
4. The instructor encouraged me to take an active role in my own learning.



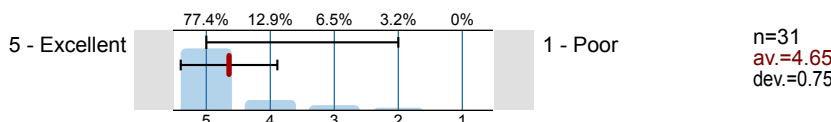
5. The instructor was available outside of class either electronically or in person.



6. My overall rating of the course is:

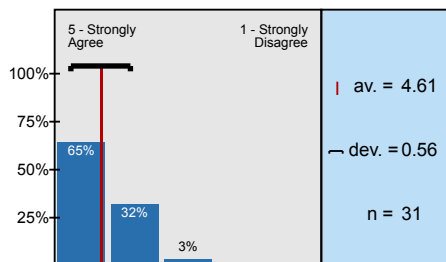


7. My overall rating of the teaching of this course is:

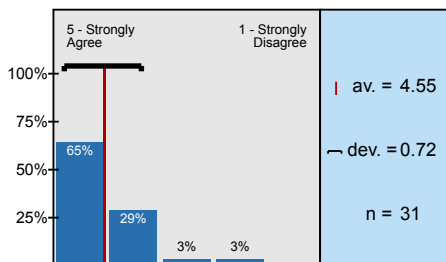


Histogram for scaled questions

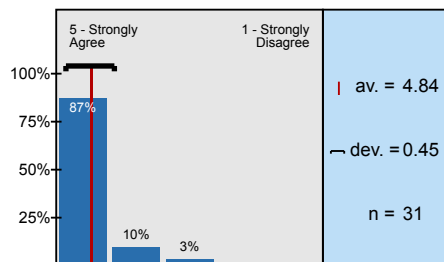
1. The instructor clearly defined and explained the course objectives and



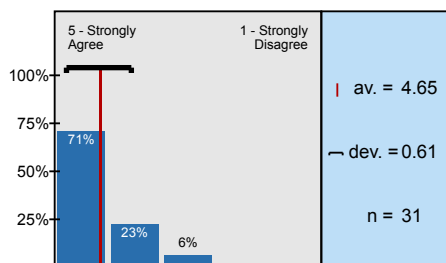
2. The instructor communicated information effectively.



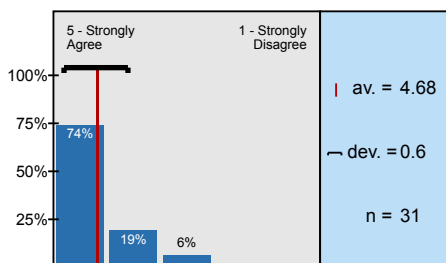
3. The instructor was prepared to teach for each instructional period.



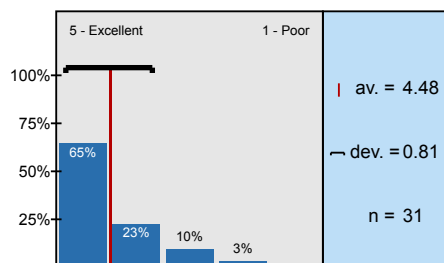
4. The instructor encouraged me to take an active role in my own learning.



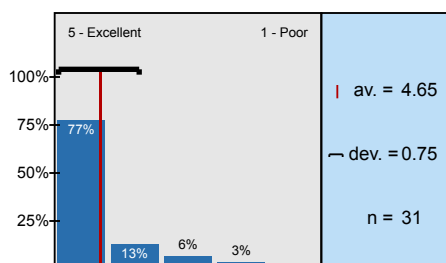
5. The instructor was available outside of class either electronically or in person.








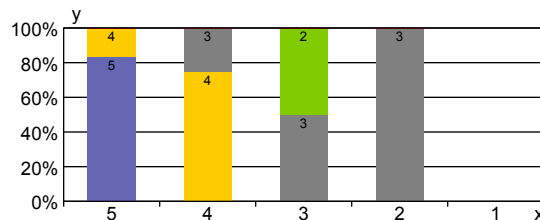
6. My overall rating of the course is:



7. My overall rating of the teaching of this course is:



| y | 5 | 4 | 3 | 2 | 1 | |
|---|---|---|---|---|---|-------|
| x |  |  |  |  |  | |
| 5 | 83.3% | 16.7% | 0% | 0% | 0% | 77.4% |
| 4 | 0% | 75% | 25% | 0% | 0% | 12.9% |
| 3 | 0% | 0% | 50% | 50% | 0% | 6.5% |
| 2 | 0% | 0% | 100% | 0% | 0% | 3.2% |
| 1 | 0% | 0% | 0% | 0% | 0% | 0% |
| | 64.5% | 22.6% | 9.7% | 3.2% | 0% | 100% |








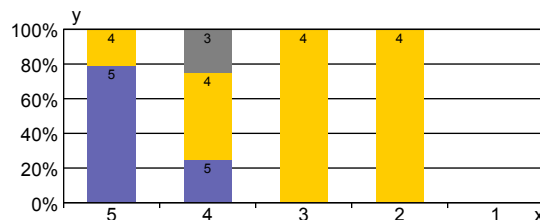
x: 7. My overall rating of the teaching of this course is:

- 5: 5 - Excellent
- 4: 4 - Above Average
- 3: 3 - Average
- 2: 2 - Below Average
- 1: 1 - Poor

y: 6. My overall rating of the course is:

- 5: 5 - Excellent
- 4: 4 - Above Average
- 3: 3 - Average
- 2: 2 - Below Average
- 1: 1 - Poor

| y | 5 | 4 | 3 | 2 | 1 | |
|---|---|---|---|---|---|-------|
| x |  |  |  |  |  | |
| 5 | 79.2% | 20.8% | 0% | 0% | 0% | 77.4% |
| 4 | 25% | 50% | 25% | 0% | 0% | 12.9% |
| 3 | 0% | 100% | 0% | 0% | 0% | 6.5% |
| 2 | 0% | 100% | 0% | 0% | 0% | 3.2% |
| 1 | 0% | 0% | 0% | 0% | 0% | 0% |
| | 64.5% | 32.3% | 3.2% | 0% | 0% | 100% |








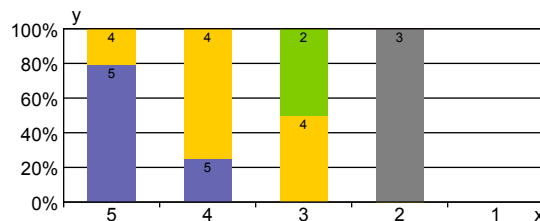
x: 7. My overall rating of the teaching of this course is:

- 5: 5 - Excellent
- 4: 4 - Above Average
- 3: 3 - Average
- 2: 2 - Below Average
- 1: 1 - Poor

y: 1. The instructor clearly defined and explained the course objectives and

- 5: 5 - Strongly Agree
- 4: 4 - Agree
- 3: 3 - Neutral
- 2: 2 - Disagree
- 1: 1 - Strongly Disagree

| y | 5 | 4 | 3 | 2 | 1 | |
|---|---|---|---|---|---|-------|
| x |  |  |  |  |  | |
| 5 | 79.2% | 20.8% | 0% | 0% | 0% | 77.4% |
| 4 | 25% | 75% | 0% | 0% | 0% | 12.9% |
| 3 | 0% | 50% | 0% | 50% | 0% | 6.5% |
| 2 | 0% | 0% | 100% | 0% | 0% | 3.2% |
| 1 | 0% | 0% | 0% | 0% | 0% | 0% |
| | 64.5% | 29% | 3.2% | 3.2% | 0% | 100% |








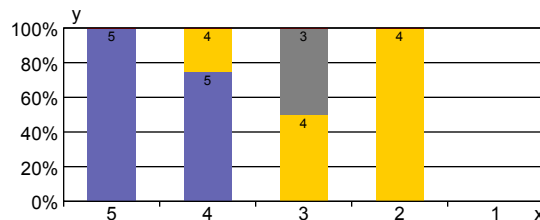
x: 7. My overall rating of the teaching of this course is:

- 5: 5 - Excellent
- 4: 4 - Above Average
- 3: 3 - Average
- 2: 2 - Below Average
- 1: 1 - Poor

y: 2. The instructor communicated information effectively.

- 5: 5 - Strongly Agree
- 4: 4 - Agree
- 3: 3 - Neutral
- 2: 2 - Disagree
- 1: 1 - Strongly Disagree

| y | 5 | 4 | 3 | 2 | 1 | |
|---|---|---|---|---|---|-------|
| x |  |  |  |  |  | |
| 5 | 100% | 0% | 0% | 0% | 0% | 77.4% |
| 4 | 75% | 25% | 0% | 0% | 0% | 12.9% |
| 3 | 0% | 50% | 50% | 0% | 0% | 6.5% |
| 2 | 0% | 100% | 0% | 0% | 0% | 3.2% |
| 1 | 0% | 0% | 0% | 0% | 0% | 0% |
| | 87.1% | 9.7% | 3.2% | 0% | 0% | 100% |








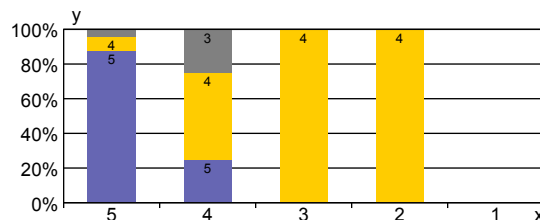
x: 7. My overall rating of the teaching of this course is:

- 5: 5 - Excellent
- 4: 4 - Above Average
- 3: 3 - Average
- 2: 2 - Below Average
- 1: 1 - Poor

y: 3. The instructor was prepared to teach for each instructional period.

- 5: 5 - Strongly Agree
- 4: 4 - Agree
- 3: 3 - Neutral
- 2: 2 - Disagree
- 1: 1 - Strongly Disagree

| y | 5 | 4 | 3 | 2 | 1 | |
|---|---|---|---|---|---|-------|
| x |  |  |  |  |  | |
| 5 | 87.5% | 8.3% | 4.2% | 0% | 0% | 77.4% |
| 4 | 25% | 50% | 25% | 0% | 0% | 12.9% |
| 3 | 0% | 100% | 0% | 0% | 0% | 6.5% |
| 2 | 0% | 100% | 0% | 0% | 0% | 3.2% |
| 1 | 0% | 0% | 0% | 0% | 0% | 0% |
| | 71% | 22.6% | 6.5% | 0% | 0% | 100% |








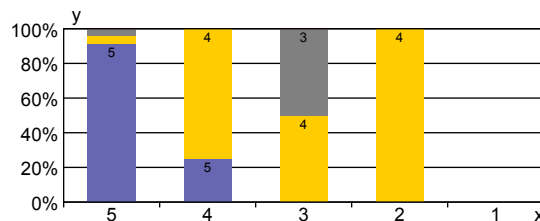
x: 7. My overall rating of the teaching of this course is:

- 5: 5 - Excellent
- 4: 4 - Above Average
- 3: 3 - Average
- 2: 2 - Below Average
- 1: 1 - Poor

y: 4. The instructor encouraged me to take an active role in my own learning.

- 5: 5 - Strongly Agree
- 4: 4 - Agree
- 3: 3 - Neutral
- 2: 2 - Disagree
- 1: 1 - Strongly Disagree

| y | 5 | 4 | 3 | 2 | 1 | |
|---|---|---|---|---|---|-------|
| x |  |  |  |  |  | |
| 5 | 91.7% | 4.2% | 4.2% | 0% | 0% | 77.4% |
| 4 | 25% | 75% | 0% | 0% | 0% | 12.9% |
| 3 | 0% | 50% | 50% | 0% | 0% | 6.5% |
| 2 | 0% | 100% | 0% | 0% | 0% | 3.2% |
| 1 | 0% | 0% | 0% | 0% | 0% | 0% |
| | 74.2% | 19.4% | 6.5% | 0% | 0% | 100% |



x: 7. My overall rating of the teaching of this course is:

- 5: 5 - Excellent
- 4: 4 - Above Average
- 3: 3 - Average
- 2: 2 - Below Average
- 1: 1 - Poor

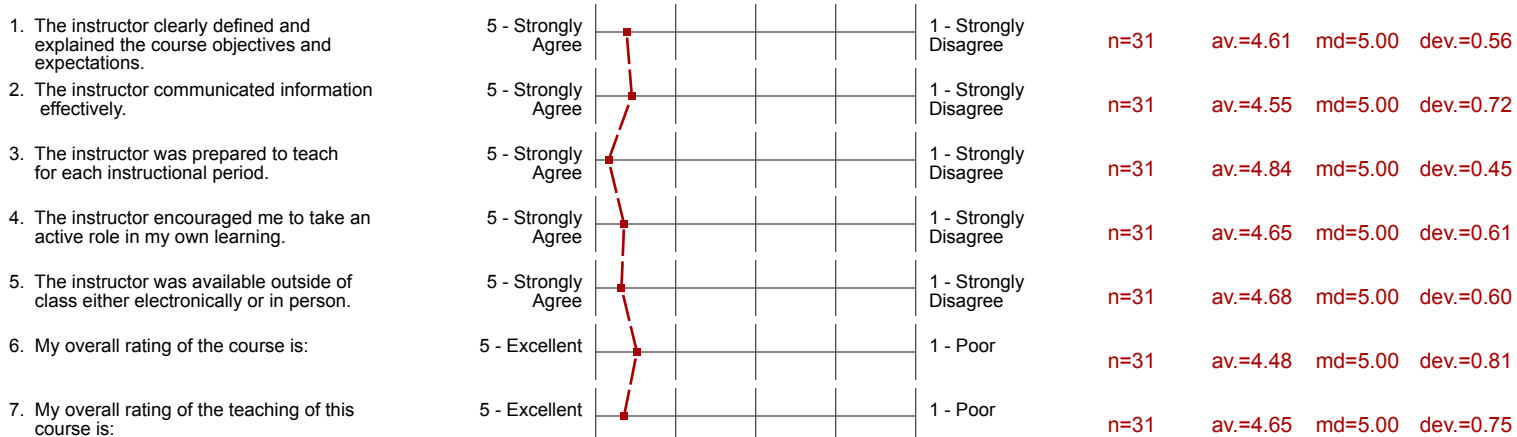
y: 5. The instructor was available outside of class either electronically or in person.

- 5: 5 - Strongly Agree
- 4: 4 - Agree
- 3: 3 - Neutral
- 2: 2 - Disagree
- 1: 1 - Strongly Disagree

Profile

Subunit: College of Sciences
 Name of the instructor: Aimin Liu
 Name of the course: 24687-01 CHE 4953 002 SS- Biochemistry Topics
 (Name of the survey)

Values used in the profile line: Mean



Comments Report

Your written comments are an important part of your course and instructor evaluation. Please provide feedback in the box below on aspects of the course and/or the instructor that were most effective or need improvement. Student comments will be provided to your instructor only after course grades have been submitted. The instructor may, but is not obligated to, share these comments with others or include them in any evaluation process.

- AMAZING CLASS!!! Only issue I had with this course was the powerpoint slides being uploaded as a PDF instead of as powerpoint. Yes, this is more print friendly, but it subtracts a lot when the slides have animations
- Dr Liu is the smartest person I have ever met. He is very passionate and makes it possible to be excited about biochemistry. He explains things well and is always available for his student.
- Dr. Griffith was passionate about mass spec. Him and Dr. Liu have memorable lectures.
- Dr. Liu is a very intelligent professor that goes into a lot of details when explaining his PowerPoint. Considering that we are the class that is introduced to this new course. I would like there to be assignments due throughout the semester to ensure that we are actually understanding the material and not having our whole grade be relied on a single exam that weighs a lot of our overall grade.
Each professor presented their specialty very well and to an extent that made the students have to recall all the principles and mechanisms and rules that were previously learned and now have to be applied to a course.
- Dr. Liu is an excellent professor who teaches with so much passion and makes you excited to learn each topic. In addition, the guest lecturers each provide a better scope of their own research techniques used in biochemistry. Overall, this course was a great continuation and developing a better foundation of biochemistry.
- Dr. Liu is probably one of the best chemistry professors at UTSA. He is very passionate about his lectures and his research. I learned a lot of new material throughout this course and this collaborative class was really helpful as filling some details for my biochemistry major.
- Great course. My only suggestion would be to adjust the grading scheme - it's pretty nerve wracking having 72% of your grade from a cumulative final! Otherwise, I have no suggestions. All the professors have been great and Dr. Liu clearly loves what he's doing.
- Great professor, the subjects that he teaches concepts really well.
- Having a lab will be helpful in understanding the lab techniques
- I enjoyed most of the lectures, I personally enjoyed Dr. Yoshimoto's p450 lectures. Very much enjoyed his cyp lectures and his use of inorganic chemistry within the class. Metalloproteins are also very interesting, I think it would be nice to have a small bioinorganic section to the course such as reputable enzymes like P450 but also others that are non-heme and such. I enjoyed the course thus far and have no negative critiques about this course. I took it as something to introduce me to subjects that I would hopefully grow interested in later on.
- I found this course very difficult to navigate due to the amount of professors teaching. With each one having their own speciality, it seemed like they were trying to cram a semester's worth of information into a couple class periods. There was too much information given in the short amount of time.
- I loved this class! All of the topics were fascinating, and each of the professors was well prepared to teach. There was some overlap of information during the spectroscopy portions. Some of the 3D NMR information was a little advanced for me, so I don't feel like I fully understood it.

Dr. Liu is obviously a master in his field, and his breadth of knowledge is vast. He explained concepts well and asked frequent questions.

It would also be nice if each professor could provide a problem set or other work to help reinforce the key concepts and possible test questions.

- I personally like the different instructors coming in and teaching about different topics. What was most interesting was when Dr. Griffith took the class to his lab I felt I learned a lot from being there. I feel like this class needs a lab to see the tools that are used in research and understand the research the instructors are doing. The lecture does not have to be about the lab it can be the biochemistry of the topic of that day, But a lab could make it more interesting, Also the grading of the course is a bit scary being that the 30% is attendance and the one and only exam is 70%. I am not even sure how to study for the exam because there is so much information. I did find it nice and helpful that Dr. Yoshimoto and Dr. Griffith gave the class questions

to work on either as a class or as homework, Dr. Yoshimoto was better because it was in class the questions were answered. Dr. Aguilar did a great job of explaining and made his topic interesting simply by the way he convey the message. Dr. Liu did a great job in creating this class I find it super useful for those that want to go in to research and that the possibilities are endless in what needs to be discovered.

- I thought this class and was very interesting to attend. I think it's beneficial to see the different applications of all the techniques we have studied in the past semesters. I hope this class continues in the future.
- I was interested to see the progression of this new course in the beginning of the semester. It has been refreshing to learn about different professors' research specialties and their approaches to teaching. I was excited to learn from different professors who, for the most part, I have never had a course with. I enjoyed that the course felt like a graduate level course and challenged us to incorporate our previous knowledge to understand big picture ideas. The course could be improved by having an overall arching theme like metabolism, application of spectroscopy, or heme groups. Also, it would be helpful if spectroscopy would be taught first then the other biochemistry topics. As for the biochemistry degree plan, I would suggest eliminating cell biology as a requirement because biology II and molecular biology covers the more important topics, and instead incorporate another biochemistry type course. Additionally, the basic biophysical chemistry course material needs to be reevaluated because it was just a repetition of general chemistry II and analytical chemistry, not much was taken away from the course.
- It was really cool that multiple teachers taught this class. It was difficult to piece together the course since there were so many instructors. Really cool though to see the application of biochem techniques.
- One of the most informative classes I have taken so far
- The course is so far neat, with a collaboration of the selected professors teaching. Dr. Liu was great in trying to update us on any changes. He accommodated our needs and was helpful throughout and after class. Hopefully the class becomes a successful movement towards biochemistry (major). In case not all of the professors get a review for the class, I enjoyed the lectures they gave. They had great passion in their work.
- The curriculum Dr. Liu designed definitely provides a broader application of our biochemistry knowledge, which I appreciate. As a pre-medical student, I am glad to have taken this course in place of Instrumental Analysis, as the various topics presented had a larger medical significance that sparked my interest more. I do also like the concept of having multiple professors present their various research topics, as it provides a more well-rounded perspective of chemistry and biochemistry. A suggestion I do have is to distribute the grading percentages more evenly, rather than relying mostly on the final exam. For example, group activities, iClicker questions, or monthly quizzes can be counted for credit in addition to attendance. This would also provide a more frequent review for students to comprehend the material that was covered before the final exam. Overall, Dr. Liu and the other professors prompted me to taken an active role in expanding my biochemical knowledge.
- The structure of this class makes it difficult to follow at times.
- This class allowed for a deeper understanding of biochemistry instrumentation and select topics not covered in the traditional biochemistry class.
- This class is overwhelming but it is also awesome! I love how we were exposed to current and major biochemistry instrumentation and techniques and also to frontline discovers in the field of biochemistry. I wish I learned a fraction of what I learned in this class beforehand because it is so intriguing and makes the field of biochemistry so exciting.

Dr. Liu was my favorite lecturer. I love his passion and how he shares his own lab experience with us.

Dr. Yoshimoto was a close second. I liked how he discussed drug metabolism and how he used questions to guide the class. My only issue was that he jumped around a lot. Maybe he could rearrange the question order. Nevertheless, Dr. Yoshimoto was very passionate.

Dr. Renthal's lecture was my least favorite. Though there's some importance to what he discussed, I felt that it was not presented in an interesting way and that it was more about the tick than he was talking than about the biochemistry.

- This class was really great for it being the first semester it was taught. I enjoyed all of the lectures taught by each faculty member and appreciated their effort to explain why biochemistry is important and show real life examples. The grading scale seemed appropriate and made the final exam seem manageable.
- This course had an interesting set-up with having multiple instructors teaching the class. I though I was able to take away a solid amount of information with regards to how biochemistry topics are studied in the research setting. Overall, this class was a good experience.
- This course is awesome! It's a lot of high level material in a short period of time, but all of it is highly relevant to current research across multiple areas. I'm beyond thankful for the opportunity to take this course. Honestly, the team taught format has been a great opportunity to interact with various instructors while they present and instruct us about their specialties. I'm thankful for Dr. Liu putting this course together. Thank you!!! :)

- This course was very interesting and useful for biochemistry majors. Dr. Liu and the other instructors all did a fantastic job teaching this course
- With numerous instructors teaching a plethora of difficult advanced topics, many of which were overly condensed to fit into one or two lessons, it became difficult to keep up with the course material and to understand how all of the varying topics fit together.

Profile

Subunit: College of Sciences
 Name of the instructor: Aimin Liu
 Name of the course: 24687-01 CHE 4953 002 SS- Biochemistry Topics
 (Name of the survey)

Comparative line:
 Compilation: Fall_2019_Department_Summary-SC-CHE-14A

Comparative line:
 Compilation: 2019_Fall_College_of_Sciences

Values used in the profile line: Mean

