



## J.S. WU Evaluation of Instruction Program Report

23W: MATH 131A LEC 4: ANALYSIS

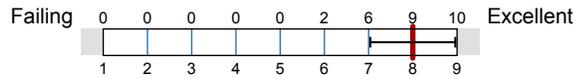
No. of responses = 27

Enrollment = 41

Response Rate = 65.85%

### 1. UCLA Department of Mathematics:

1.1) How would you rate your instructor as an effective teacher?



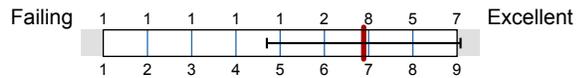
n=27  
av.=8  
md=8  
dev.=0.96

1.2) How would you rate the availability and helpfulness of your instructor outside of the classroom?



n=27  
av.=8.22  
md=8  
dev.=0.97

1.3) What is your rating of this course independent of the effectiveness of the instructor?



n=27  
av.=6.89  
md=7  
dev.=2.19

### 2. Comments:

- 2.1) Please use the space provided for any comments you wish to make which are pertinent to the educational process. These may include all aspects of the course: teaching, examinations, grading, textbook, etc.
- At first, I didn't understand analysis at all. There were too many epsilons and upside down A's for me to make sense of anything. But over the course of the quarter, Prof. Wu has shown to me that he's more than capable of demystifying even the most complicated concepts, and now I feel confident in my abilities in analysis. One of the best things Prof. Wu did was take student feedback to heart. I remember around midway through the course Prof. Wu mentioned that someone had filled in an anonymous feedback survey and had asked the professor to change the pace of the course. He not only acknowledged this feedback but changed the course delivery for the rest of the quarter to match this need. This shows to me that not only does Prof. Wu care that everyone understands the material, but he also is effective at learning from feedback and adjusting his teaching style to the need of the class. Overall I'm really happy with how this quarter turned out, in large part to the effectiveness of Prof. Wu.
  - Dr. Wu is extremely knowledgeable and helpful in office hours. However, the midterms are graded pretty strict.
  - Exams have been fair. I think I struggled a lot more in the second half of the class versus the first due to pacing. The second half had a lot more content and went really fast, and overall just felt more crammed so I couldn't really learn it as effectively. The lecture notes were helpful, but would've benefitted from answers to the exercises. Same with the problem sheets--a lot of the questions are quite difficult, without solutions they aren't really helpful as many times I don't even know where to start. I recognize that the class content itself is more difficult than other math classes, so naturally all aspects of the class will come with more difficulty regardless of how its delivered.
  - I am a huge fan of Professor Wu as an effective teacher. The reason that I rated him a 8 and not a 9 is

because there were times in the beginning of the course that he went very quickly through proofs and seemed to skip some reasoning that may have been helpful to students knew to analysis, but he was very open to constructive criticism, even opening a google form to get feedback from students. After anonymously submitting a request that he slow down a little bit during lecture, he did just that and continued this better pace for the rest of the quarter. Also always open to helping students via Pizza and office hours with the focus on helping them learn/understand the material rather than making homework and exams unnecessarily difficult/cutthroat. Overall, incredibly intelligent professor who's main focus has always been helping his students grasp the material. Thanks professor.

- I don't say this lightly, but I truly believe Professor Wu may have been born to instruct Analysis. He is clearly passionate and committed to providing the best course he possibly can. He is an excellent communicator of the complicated concepts and demonstrates a level of empathy for his students that is incredibly refreshing in a department where it feels like 90% of the learning is placed on the student instead of the instructor. An example of this is when he'd read the room and determine that he needs to reteach a concept instead of quickly moving on to the next topic. I can state many more examples of his empathetic approach to instruction. However, the point that needs emphasizing is that Professor Wu seems to approach teaching from a "service to students" perspective and I'm sure it will pay dividends when his students finish this course and excel in follow-on math courses.
- I really appreciate the fact that Professor Wu always tries his best to improve his lecture by listening to students' feedbacks. His lectures are very organized and easy to follow. Also, his lecture notes and practice exams are very helpful for learning the material. Grading for homework and exams is fair. Overall, I am very satisfied with this class.
- I really enjoyed the fact that there were both notes for the entire class as well as lectures. The professor did an excellent job explaining the topics and building on first principles. It was explained well and the professor was responsive to emails and questions. I really enjoyed the professor and would take a class with this professor again. I believe the homeworks and midterms were fair. The professor was excellent.
- I think overall great class. One thing that would have helped (minor) would be for the entire homework solutions to be posted
- I think sometimes my instructor moves at a pace that is too fast, or he fails to explain his thinking process well. It is clear he is very smart and knows what he is talking about, but he sometimes says things like "you can clearly see it's \_\_\_\_\_" and I look around and I can tell everyone is confused. Overall, I think he tries hard and I like his examinations and grading. I like how he clearly outlines what we will learn and when, and what is going to be on the test. Additionally, he is very open to questions and tries to answer everyone's questions.
- I wish homework was graded partially on completion and there were more solved example questions that were related to homework. It was very challenging to know where to start when trying to solve a question and I would have liked it if the professor provided more resources on this. I did really appreciate the practice exams before the midterms but am disappointed that we will not be getting one for the final exam. It is very clear the professor is very passionate about the subject which is good.
- Jeremy is a good and responsible instructor. It is great for us to have his pre-recorded lectures even while he is away because of personal issues. This course provokes me to further study in the math field.
- Math 131A was supposed to be one of the hardest classes that I needed to take for my math degree, however he made this class enjoyable and doable. I much appreciated the problem sheets, which allowed for lots of extra practice on material. I also enjoyed the practice midterms and found them to be very helpful for building enough knowledge and intuition to tackle the midterms.
- No comment
- Professor Wu did a great job introducing us to the world of proofs. He went slowly on topics that were crucial to our understanding, and listened to feedback about his class speed. He reiterates the points he wants to make in order for us to understand better. His work load was also very manageable, and his midterms have been not too difficult. They are more application-based instead of memorizing all the

proofs in the class. I think Professor Wu did a great job teaching us this quarter.

- The Ross book sucks. Professor's notes were somewhat better, and definitely good enough in conjunction with the lecture itself. Professor had good energy when lecturing, though I think he could better identify which parts of proofs/ etc. are actually confusing or difficult better so as to allocate time to those parts (i.e. sometimes he dwelled on ideas I could understand quickly and easily, while going quickly on parts I had trouble with for some time after)
- The course flowed well and the content was well and thoroughly explained at a reasonable pace. The only thing I disliked about the course was the exams, which often ripped many of the same questions from the reviews, so at least for the midterms, it sometimes felt like it encouraged a memorization contest rather than checking if we actually learned and understood the content in the big picture of analysis. I think I would rather have preferred the midterm reviews giving us ideas of what to study for and then the exams using maybe some concepts from the reviews but not near copies or condensed copies of the review.
- The instruction during lecture was good. Perhaps, if possible, it would be better to have office hours twice in the week instead of once for 2 hours. Was a bit taken aback by the midterms being replicas of the practice midterm.
- The instructor seems to be very passionate about the subject which is appreciated however his teaching style felt very rushed which made it difficult for students such as myself to follow along. Also the exams were the exact same as the practice midterms given, however although it may have been beneficial to some students, i do not believe that one's grade should be based on how well one memorizes 4 problems.
- The weekly homework were very helpful for my further understanding of the class topics. The notes too were very helpful and provided extra material that was covered in class time. Also the professor clearly explained each topic and provided good examples of proofs in class.
- This class was extremely well-run and well-taught. I learned a lot from the professor, and he was very effective in clearly presenting the material. The last two weeks of the course were taught by guest-lecturers due to a family emergency from the professor, and I struggled much more in those two weeks. Overall, an outstanding professor.
- instructor was very good at giving explanations for complex ideas. Always made sure to clarify & check with the class when he introduced a new notation to make sure no one got lost. He provided multiple ways to contact him, and would answer in a timely manner. Also always openly and effectively addressed questions/concerns made on the anonymous form, and listened to student feedback often. Examples include when it was suggested that the course was going a little too fast, or when a request was made to include more examples in class. Examinations and grading standards are fair. Teacher notes for the entire course are made available from day 1, which made it very easy to follow along or prepare for the next topic ahead of time. Overall, very good teacher. Course independent of the instructor is what I would expect from an upper division math course--much more advanced/confusing ideas and concepts than previous levels.

# Profile

Subunit: MATH  
 Name of the instructor: J.S. WU  
 Name of the course: 23W: MATH 131A LEC 4: ANALYSIS  
 (Name of the survey)

Values used in the profile line: Mean

1. UCLA Department of Mathematics:

