Student Comments

What are the strengths and weaknesses of the instructor?

I think the lectures were well done and followable. I think its hard to watch a lecture of a person narrating over the math. It may be helpful if you re record these to have your camera on, but not sure if you can do that with panopto.

The professor is very prepared for class and is very knowledgeable about the subject matter. Makes a very complex subject, simple.

Strengths: explains material well, keeps things interesting in what could otherwise be a very dull course. Weaknesses: none

Dr. Hu takes on the herculean task of teaching complex analysis and knocks it out of the ballpark. All concepts and theorems are explained in detail, and Dr. Hu even provides proofs when he can so that students can truly understand the material. He is very helpful when it comes to answering students questions and going over the homework material. Overall, Dr. Hu is a fantastic instructor. My single gripe is that occasionally, he will get bogged down in the inner workings of the lecture material, and I sometimes lose track of how/why the material is important.

Strengths: extremely knowledgeable on subject matter Weaknesses: communication manner could be improved

Very knowledgeable about complex variables and has a strong desire to have the students understand as well. Spends a lot of time working through examples and helping us understand the assignments. No weaknesses.

Dr. Hu is great at conveying what he wants from us and telling us exactly what we need to know.

S: Nice, helpful, good lectures. Enjoy the homework reviews. W: N/A

This instructor is great

N/a

What suggestions do you have for improving the quality of instruction?

The only thing that was hard for me as a non math major was understanding some of the math
short hand, so some of the statements I had to re listen to what was said as you wrote them. The statements like "for some n less than x there exists some ... such that ..." that were said but then written in cryptic symbols

I think the way you instructed was great. The recaps at the beginning of each lecture helped a lot. If anything, more of the fun drawings or the pictures or simulations that help explain the subjects.

None

Perhaps some explanation or examples of how the concepts detailed in this course can apply to situations in real-life

More class participation

None

None.

N/A

I cannot think of anything that could improve the quality of instruction more than currently

N/a

**What are the strengths and weaknesses of the course?**

This was a really enjoyable course. I think had I taken it in person, it would have been my favorite math class. I appreciated the homework videos. It always makes learning more enjoyable when there isn't intense homeworks adding onto an already stressful semester. It shows learning doesn't have to hurt so thanks for that.

This course is complex, but if you put in the work, it makes a lot of sense. I am not sure how it will apply to my degree, but it is very interesting.

Weaknesses: Ahlfors is a terrible book.

The course approaches complex analysis from various different angles and gives students a good understanding of how complex numbers are used in calculus and geometry. There aren't really any glaring weaknesses in the structure of the course; I am very pleased with the assignment format as well.

Strengths: interesting subject matter Weaknesses: lack of real testing

Difficult information, but great delivery.

I love the homework help sessions. They help me a lot. I also like the flexibility with attendance because I can't attend very consistently and have to watch a lot of lectures on the same day, so that flexibility has been incredibly helpful.

I honestly like having no tests, with a project instead. It makes the class a lot less stressful to think about when I have the time to comprehend the materials.

S: Interesting. W: Maybe not the most applicable to my major. Even with the lectures a lot of concepts just went over my head as I do not have the background in math.

this course is great

N/a
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<th>Question</th>
<th>Response</th>
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<tr>
<td>What suggestions do you have for course improvement?</td>
<td>It may be fun to include some sort of programing/matlab homework, but not sure how that would work.</td>
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<tr>
<td></td>
<td>Keep it the same. The reviews helped a lot, so those would be great for future semesters.</td>
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<td>Use Stein/Shakarchi in the future. It's infinitely better than Ahlfors in literally every possible way.</td>
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<td>More applications</td>
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<td>maybe provide pdfs of the notes so we can print and write on! Also, explaining the mathematical shorthand would be greatly appreciated :)</td>
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<td>Get everyone vaccinated for covid-19 so we can be back in person</td>
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