

Instructor: Christensen, Jens G.

Course: Number Theory & Math Reasoning

9 surveys / 11 enrolled in MATH 250 B (TR 0955)

Student:1

Reason(s): Major or minor requirement
 Reputation of the instructor
 Interest in the course material

Additional Reason(s):

Effort: I would do work for this class approximately two nights a week, doing home work and looking over the class notes. For the tests I would study for several hours the three nights before the exam day.

Understanding & Appreciation: This course gave me a great understanding of theoretical math and made me appreciate the difficulty of higher level math. I learned a lot, was challenged, and have grown in my confidence in doing math (specifically proofs).

Intellectual Growth: This course made me a better critical thinker and problem solver. This class has made me excited to learn more about math and has given me the confidence to take higher level classes.

Quality: I believe the quality of teaching in this course was extremely high. The professor kept everything well organized, was very accessible, graded fairly, and was very competent in the subject. I was able to learn a lot with out being overwhelmed by work. The tests were fair and the grade weighting is clear and beneficial to the students.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: SA	3: SA	8: SA	5: SA	2: A	13: N
7: A	10: SA	14: A	17: SA	4: SA	21: NA
9: N	15: SA	20: A	19: N	6: SA	22: A
12: SA				11: SA	
18: SA				16: SA	

Student:2

Reason(s): Elective outside major or minor

Additional Reason(s):

Effort: The course did not require much effort on the day-to-day. There was no textbook, so we never had any reading or anything along those lines. Every week or two we would have a homework problem set due that would require a bit of effort and your own exploration and application of the course material. The exams were fair, but required a certain level of mastery in the material to be able to do well.

Understanding & Appreciation: This course served its purpose. I have learned a lot in terms of number theory and proof writing. I have gained a lot of insight as to the relationships between numbers and different methods of mathematical reasoning.

Intellectual Growth: This course really required you to know all the relationships and theorems and be able to apply them to solve problems on the exams and problem sets. You had to master information and then consider how to apply it given a certain problem. This process is important in critical thinking, and I enjoyed practicing it.

Quality: Professor Christensen is clearly very knowledgeable, but it was evident (and he said so himself) at points that number theory is not his area of expertise or of study. That being said, it would have been nice to have provided some other resource to complement our in-class lecture. It doesn't have to be a textbook, but perhaps a link to a useful website that he agrees with or something along those lines just to provide a source to get another explanation, see more examples, or dive deeper into certain material. Office hours are helpful, but he only has individual slots across his courses so it would've been nice to have another resource to utilize.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: A	3: A	8: SA	5: N	2: N	13: A
7: A	10: N	14: A	17: A	4: A	21: NA
9: N	15: A	20: SA	19: N	6: A	22: N
12: A				11: A	
18: A				16: A	

Student:3

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I put a lot of effort into this course, went to office hours once a week and spent a lot of time studying and doing the homework for this class.

Understanding & Appreciation: I learned that number theory is very very hard and that it is not easy to learn. I would not want to

Instructor: Christensen, Jens G.

Course: Number Theory & Math Reasoning

9 surveys / 11 enrolled in MATH 250 B (TR 0955)

take this class again

Intellectual Growth: It helped me problem solve and work through challenges that I have never faced in a course beforeQuality: Professor Christensen was very organized and accessible and tried to help us with the hard material. I think maybe instead of just giving us the proofs of everything, he could go into the strategy of the proofs a little bit more, and help us figure out when to use what method in proofs on our own.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: A	3: SA	8: SA	5: A	2: D	13: N
7: A	10: A	14: SA	17: A	4: N	21: N
9: D	15: A	20: SA	19: A	6: A	22: D
12: A				11: A	
18: A				16: N	

Student:4

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I would do the homework with plenty of time to come to office hours and ask questions on what I was confused on. I would go over my notes multiple nights before the exams to make sure I was understanding the material properly.Understanding & Appreciation: I was always a skeptic when it came to proofs. I have loved math my entire life but proofs have always scared me in a way. With this course, I came to see the importance and the technique that was required for proofs and learned a new way to think about math in general. On the first day of class, it was said that mathematicians don't think in proofs, and that helped me a lot when it came to proof-based problems, because I was no longer rigid with the way in which I tried to figure out the proof.Intellectual Growth: This course allowed me to see math in a new light. I am able to think more abstractly about the subject. In addition, working through the logic that is required for a proof has helped me to better understand and organize my thoughts for other classes.Quality: I believe Professor Christensen was a very strong professor. He challenged us during class to think through proofs and examples on our own while also providing guidance and leading proofs. He brought in examples that were relevant to our lives. His personal 15 minute office hours were very helpful but sometimes I felt as though it was not enough time to work through all my problems.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: SA	3: SA	8: A	5: SA	2: SA	13: SA
7: A	10: SA	14: SA	17: SA	4: SA	21: A
9: A	15: SA	20: A	19: SA	6: SA	22: SA
12: SA				11: SA	
18: SA				16: SA	

Student:5

Reason(s): Major or minor requirement

Additional Reason(s):Effort:Understanding & Appreciation:Intellectual Growth:Quality:

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: A	3: A	8: A	5: SA	2: A	13: N
7: A	10: SA	14: SA	17: SA	4: SA	21: N
9: A	15: N	20: A	19: SA	6: SA	22: N
12: A				11: SA	
18: A				16: A	

Instructor: Christensen, Jens G.

Course: Number Theory & Math Reasoning

9 surveys / 11 enrolled in MATH 250 B (TR 0955)

Student:6

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I come to every class, do all the homework, study a lot for all the tests, and often go to office hours for help.Understanding & Appreciation: This was my first real theoretical math class, so it was different from any of my previous math classes. We learned a lot of different tactics to prove number theory topics.Intellectual Growth: Being a theory class, this class made me think a lot and work really hard to figure out the homework problems. Competing this class makes me feel like I'll be able to handle almost any other harder math class in the future.Quality: I appreciate that Professor Christensen cares a lot about his students and tries hard to be understanding and accessible. Sometimes it was a little frustrating when he would make mistakes on the board because it made me very confused. I do like his system of graded homework and minitests because both of these helped us feel prepared for the hard big tests. Specifically, I'm really glad that the homework factors into our final grade because I think this makes a hugely positive difference to how stressed students feel going into exams.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: A	3: A	8: SA	5: SA	2: A	13: D
7: A	10: SA	14: A	17: A	4: A	21: NA
9: A	15: A	20: A	19: A	6: N	22: A
12: N				11: A	
18: N				16: A	

Student:7

Reason(s): Exploration of possible major or minor

Additional Reason(s):Effort: I put a lot of effort into this course. We had many homework assignments that were challenging. Therefore, I had to go to office hours frequently in order to grasp the course material. Also, for the exams/quizzes, I would prepare multiple days in advance and do a lot of practice problems. Overall, this was a challenging course that I had to put a lot of effort in in order to keep up.Understanding & Appreciation: I had no idea what number theory even was before I got to class the first day. I was just taking the course because it was a requirement for my possible major. However, I would like to believe that I have come far from where I have started. I had no idea that math was so theoretical before this class. For me, it was purely plug and chug, and I found math courses pretty easy. This course definitely challenged to work harder and grasp the more difficult concepts. As a result, I appreciated math more as I now see a whole different side to the topic.Intellectual Growth: I have definitely grown intellectually as a result of this course. Like stated before, calc 3 and below have all been fairly easy for me as it was just purely plugging and chugging/doing a lot of practice problems. However, number theory forced me to think differently. There is no doubt that theory is hard to grasp, and yet, it is a very useful skill to have (teaches you to think outside the box).Quality: Professor Christensen was very helpful throughout this course. Though I am not doing extremely well (roughly average), he has delivered the course material well and provided answers for all homework and exams so we can use them to study for future exams. He was extremely available during office hours or even out of his scheduled office hours to provide help whenever I needed it.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: SA	3: SA	8: SA	5: SA	2: A	13: A
7: SA	10: SA	14: SA	17: A	4: A	21: N
9: SA	15: SA	20: SA	19: SA	6: SA	22: A
12: SA				11: SA	
18: SA				16: SA	

Student:8

Reason(s): Major or minor requirement

Exploration of possible major or minor

Elective within major or minor

Interest in the course material

Additional Reason(s):

Instructor: Christensen, Jens G.

Course: Number Theory & Math Reasoning

9 surveys / 11 enrolled in MATH 250 B (TR 0955)

Effort: Quite a lot. Doing the homework and reviewing the materials and preparing for tests take time, and the materials aren't exactly that easy.

Understanding & Appreciation: The topics covered are quite challenging yet interesting, which makes me interested in math.

Intellectual Growth: Knowing more math benefits my other major and is also generally nice.

Quality: I specifically like that there is no textbook and the materials covered are entirely in lectures. Lectures are clear and easy to follow, and notes are comprehensive.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: SA	3: SA	8: SA	5: SA	2: SA	13: SA
7: SA	10: SA	14: SA	17: SA	4: SA	21: N
9: SA	15: SA	20: SA	19: SA	6: SA	22: SA
12: SA				11: SA	
18: SA				16: SA	

Student:9

Reason(s): Major or minor requirement
Interest in the course material

Additional Reason(s):

Effort: The class has frequent homework assignments that are not too demanding but very helpful in terms of practice the learned material. The tests are challenging but very rewarding.

Understanding & Appreciation: It helped to further affirm my love for theoretical math by quite a lot.

Intellectual Growth: The class is not like the Calculus classes in which were mainly plug and chug exercises. Creativity was needed and I thoroughly enjoyed it.

Quality: Professor Christensen is among the best teachers I've had. He is very organized, flexible and show a lot of concern towards the progress of the class. He always makes sure that no one gets caught up by any new material by explaining everything very clearly, which helped a lot. His expertise in his field and his consideration for students went together beautifully.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: SA	3: SA	8: SA	5: SA	2: SA	13: SA
7: SA	10: SA	14: SA	17: SA	4: SA	21: SA
9: SA	15: SA	20: SA	19: SA	6: SA	22: SA
12: SA				11: SA	
18: SA				16: SA	