University of Michigan
Winter 2024 Instructor Report
MATH 462-001: Math Models
Ruby Kim

16 out of 18 students responded to this evaluation.

Responses to University-wide questions about the course:

	SA	A	N	D	SD	N/A	Your Median	School/College Median	Univ-Wide Median
This course advanced my understanding of the subject matter. (Q1631)	10	4	2	0	0	0	4.7	4.5	4.5
My interest in the subject has increased because of this course. (Q1632)	10	4	2	0	0	0	4.7	4.1	4.2
I knew what was expected of me in this course.(Q1633)	8	6	2	0	0	0	4.5	4.6	4.6
I had a strong desire to take this course.(Q4)	10	3	3	0	0	0	4.7	3.9	4.1
As compared with other courses of equal credit, the workload for this course was (SA=Much Lighter, A=Lighter, N=Typical, D=Heavier, SD=Much Heavier). (Q891)	2	4	9	1	0	0	3.3	3.1	3.0

Responses to University-wide questions about the instructor:

	SA	A	N	D	SD	N/A	Your Median	School/College Median	Univ-Wide Median
Ruby Kim seemed well prepared for class meetings. (Q230)	10	3	2	0	0	0	4.8	4.8	4.8
Ruby Kim explained material clearly.(Q199)	11	3	2	0	0	0	4.8	4.7	4.7
Ruby Kim treated students with respect.(Q217)	12	2	2	0	0	0	4.8	4.8	4.8

Responses to questions about the course:

	SA	A	N	D	SD	N/A	Your Median
Overall, this was an excellent course. (Q1)	10	4	2	0	0	0	4.7
The textbook made a valuable contribution to the course. (Q64)	2	4	4	1	1	4	3.5
The amount of material covered in the course was reasonable. (Q240)	8	6	2	0	0	0	4.5
Working with other students helped me learn more effectively. (Q256)	6	7	3	0	0	0	4.2
The grades in this course were fairly determined. (Q894)	10	4	2	0	0	0	4.7
My expected grade in this course is (SA=A, A=B, N=C, D=D, SD=E). (Q896)	12	3	0	0	0	1	4.9

Responses to questions about the instructor:

	SA	A	N	D	SD	N/A	Your Median
Overall, Ruby Kim was an excellent teacher. (Q2)	12	2	2	0	0	0	4.8
Ruby Kim handled questions well. (Q200)	10	3	2	0	0	0	4.8
Ruby Kim was willing to meet and help students outside class. (Q219)	11	3	2	0	0	0	4.8
Ruby Kim used class time well. (Q229)	11	3	2	0	0	0	4.8
Ruby Kim was concerned that we learn. (Q509)	10	3	2	0	0	0	4.8

The medians are calculated from Winter 2024 data. University-wide medians are based on all UM classes in which an item was used. The school/college medians in this report are based on classes that are upper division with enrollment of 16 to 74 in Division of Natural Sciences in the College of LS&A.

Written Comments

Comment on the quality of instruction in this course. (Q900)

Comments
I cannot say enough good things about Ruby. She was always willing to help with any question we had about classwork and projects. She always encouraged us to ask questions and made sure we stayed on track with our work. Her lectures were interesting and I leave the class with real interest in learning more about math models and their applications.
I really enjoyed the instruction of this course and the material taught. I liked how the course material was more of a survey of several different math models and their applications, but we were given the opportunity to explore a model of our choosing for the two projects. I would have liked if there were more lab activities that involved coding the models talked about in lecture though.
Dr. Kim was an excellent professor, and I especially appreciate that she used real–world/published models during lectures. I believe that the format/requirements for the midterm and final projects could have been clearer. In particular, I wish Dr. Kim spent some class time discussing some of her thoughts on how to divide the work when working on a math modeling project as a group or if she scheduled dedicated time in class or during office hours to meet with each group before beginning/at the beginning of the project. My group had some issues with equal division of work, and I think a clearer plan for our project would have lessened this problem. Overall a great course, and I learned a lot!
Great! Prof. Kim is great, a true resource to the department!
The course was designed very well to explore different models and apply them to a topic of our choice.
Ruby Kim is a great teacher. I am very sad that I probably won't get to be her student again.
The topics that instructor chose are really interesting and have strong connection with the practical problems, so it is easier for us to know how to employ the model method to analyze the real world problem. I really like the content covered in this course. And also the instructor provides lots of help and suggestions on the group project which is really beneficial for us to understand the connection between the theoretical method studied in class and the application to our research problem. Overall, really practical and interesting course that can practice our research skill.
I really enjoy this class. The workload is very manageable, which helps the students to be more creative when working on the midterm and final projects. The materials are up to date and I hope there could be more lectures on machine learning for scientific computing in the future. Prof. Kim is very knowledgeable in mathematical modeling, and I enjoy learning about her previous research background in this field.