

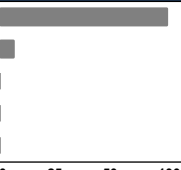
# University of New Mexico

## 2022 Fall Courses

**Course:** CS542001: Intro to Parallel Processing  
**Instructor:** Amanda Bienz \*  
**Response Rate:** 13/22 (59.09 %)

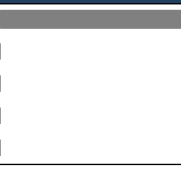
### 1 - Please rate the instructor's overall teaching effectiveness:

Amanda Bienz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Highly Effective	(5)	11	91.67%		4.92			
Effective	(4)	1	8.33%					
Unsure	(3)	0	0.00%					
Ineffective	(2)	0	0.00%					
Highly Ineffective	(1)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
12/22 (54.55%)				4.92		0.29		5.00

### 2 - How comfortable do you feel approaching the instructor with questions or comments?

Amanda Bienz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Very Comfortable	(5)	13	100.00%		5.00			
Somewhat Comfortable	(4)	0	0.00%					
Unsure	(3)	0	0.00%					
Somewhat Uncomfortable	(2)	0	0.00%					
Very Uncomfortable	(1)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
13/22 (59.09%)				5.00		0.00		5.00

### 3 - What features of this course and of the instructor's teaching contributed most to your learning?

Amanda Bienz

Response Rate	10/22 (45.45%)
<ul style="list-style-type: none"><li>• She is very helpful.</li><li>• The homeworks were phenomenal. The way you gave us a framework so we only had to provide the code for the actual thing we were doing was really something.</li><li>• The project at the end. I think diving into MPI code and getting to write a lot was helpful to my learning.</li><li>• The professor highly knowledgeable in the subject she teaches, greatly approachable, and always provides answers to questions in a pleasantly humble manner. I really liked how the exam was handled, taking a detailed but high level approach. I also really liked how code examples were uploaded to github for additional/further study.</li><li>• The professor has a huge amount of knowledge on this topic and it was a joy to get insights from an active researcher and expert on parallel programming. The project based focus was great and reinforced the lecture material.</li><li>• The homework assignments and tutorials were set up in an excellent way. It truly made practicing with parallel concepts a lot less daunting.</li><li>• She is incredible with her patience for questions, and her ability to respond to them.</li><li>• Dr. Bienz has contagious enthusiasm about parallel computing. SOTA research is shown in class and questions are discussed with knowledgeable students to arrive at answers to borderline research questions.</li><li>• Great lecturer and very great pacing of advanced topics.</li><li>• course slides</li></ul>	

# University of New Mexico

## 2022 Fall Courses

**Course:** CS542001: Intro to Parallel Processing  
**Instructor:** Amanda Bienz \*  
**Response Rate:** 13/22 (59.09 %)

### 4 - What specific suggestions do you have to improve the course and the instructor's teaching?



**Amanda Bienz**

**Response Rate** 10/22 (45.45%)



- None
- I think the course should be restructured slightly so we don't have a homework and a final project running concurrently.
- I understand that graduate students need an extra assignment, but I would have liked the CUDA assignment to appear early. I didn't like being distracted from the project.
- I would ramp down the difficulty of the tutorials, I feel like that they should be used for creating infrastructure for MPI programs. The MPI datatypes tutorial hit me like a left hook because I simply did not see it coming via lecture or other homeworks, I feel like it should have been a homework itself. I would also like more MPI coding examples, as I feel like I got an introduction but am still missing some foundational blocks.
- Keep heading in the same direction. This class was one of the very best experiences I've had at UNM.
- None, the class was great overall!
- More cuda!
- For the first few MPI slide decks, mpi4py code should be presented alongside C/C++ code for undergrads not comfortable with C. This will rapidly develop familiarity with C.
- Nothing, this was a great experience for me and great job by Professor Bienz.
- a bit more instruction on tutorials

### 5 - How helpful, knowledgeable, and professional was your TA?

**Amanda Bienz**



Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Highly Effective	(1)	8	61.54%			2.69		
Effective	(2)	0	0.00%					
Unsure	(3)	1	7.69%					
Ineffective	(4)	0	0.00%					
Highly Ineffective	(5)	0	0.00%					
N/A	(6)	4	30.77%					
				0 25 50 100	Question			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
13/22 (59.09%)				2.69		2.36		1.00

### 6 - Were the problem sets/homework assigned helpful in learning the material in this course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Very Helpful	(1)	11	84.62%			1.15		
Somewhat Helpful	(2)	2	15.38%					
Unsure	(3)	0	0.00%					
Somewhat Unhelpful	(4)	0	0.00%					
Very Unhelpful	(5)	0	0.00%					
				0 25 50 100	Question			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
13/22 (59.09%)				1.15		0.38		1.00

### 7 - How many times did you visit the instructor during his/her office hours?

**Amanda Bienz**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
10 or more times	(1)	1	7.69%			2.85		
5-9 times	(2)	3	23.08%					
1-4 times	(3)	6	46.15%					
Never	(4)	3	23.08%					
				0 25 50 100	Question			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
13/22 (59.09%)				2.85		0.90		3.00

# University of New Mexico

## 2022 Fall Courses

**Course:** CS542001: Intro to Parallel Processing  
**Instructor:** Amanda Bienz \*  
**Response Rate:** 13/22 (59.09 %)

### 8 - How many times did you visit the TA during his/her office hours?

Amanda Bienz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
10 or more times	(1)	0	0.00%					
5-9 times	(2)	1	7.69%					
1-4 times	(3)	4	30.77%					
Never	(4)	1	7.69%					
N/A	(5)	7	53.85%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
13/22 (59.09%)				4.08		1.12		5.00

### 9 - Were the quizzes, midterm, and final exam representative of the material presented in this course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Very Fair	(1)	12	92.31%					
Somewhat Fair	(2)	1	7.69%					
Unsure	(3)	0	0.00%					
Somewhat Unfair	(4)	0	0.00%					
Very Unfair	(5)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
13/22 (59.09%)				1.08		0.28		1.00

### 10 - Have you learned new concepts/topics in the course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes, Many	(1)	9	69.23%					
Yes, Some	(2)	2	15.38%					
Yes, a Few	(3)	2	15.38%					
No, none	(4)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
13/22 (59.09%)				1.46		0.78		1.00

### 11 - If the course has prerequisites, did they adequately prepare you for the course?

Amanda Bienz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Well prepared	(1)	8	61.54%					
Somewhat prepared	(2)	2	15.38%					
Ill prepared	(3)	0	0.00%					
Not applicable	(4)	3	23.08%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
13/22 (59.09%)				1.85		1.28		1.00

# University of New Mexico

## 2022 Fall Courses

**Course:** CS442001: Intro to Parallel Processing  
**Instructor:** Amanda Bienz \*  
**Response Rate:** 4/9 (44.44 %)

### 1 - Please rate the instructor's overall teaching effectiveness:

Amanda Bienz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Highly Effective	(5)	2	50.00%	<div><div></div></div>	<div><div></div><div>4.50</div></div>			
Effective	(4)	2	50.00%	<div><div></div></div>				
Unsure	(3)	0	0.00%	<div><div></div></div>				
Ineffective	(2)	0	0.00%	<div><div></div></div>				
Highly Ineffective	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				4.50		0.58		4.50

### 2 - How comfortable do you feel approaching the instructor with questions or comments?

Amanda Bienz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Very Comfortable	(5)	4	100.00%	<div><div></div></div>	<div><div></div><div>5.00</div></div>			
Somewhat Comfortable	(4)	0	0.00%	<div><div></div></div>				
Unsure	(3)	0	0.00%	<div><div></div></div>				
Somewhat Uncomfortable	(2)	0	0.00%	<div><div></div></div>				
Very Uncomfortable	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				5.00		0.00		5.00

### 3 - What features of this course and of the instructor's teaching contributed most to your learning?

Amanda Bienz

Response Rate	4/9 (44.44%)
<ul style="list-style-type: none"> <li>I enjoyed the office hours and the coding examples. Those were very helpful.</li> <li>Energetic lectures, homework assignments that were very simple and straightforward and yet they helped enormously in my understanding.</li> <li>Amanda has a knack for sensing the sticking points students may have, while providing many of the tool necessary to learn it without flat out being given the answer. Her structure of homework's, quizzes, and not a deep emphasis on exams but instead projects really shaped the class in a positive way.</li> <li>The lectures, assignments, class Discord</li> </ul>	

### 4 - What specific suggestions do you have to improve the course and the instructor's teaching?

Amanda Bienz

Response Rate	3/9 (33.33%)
<ul style="list-style-type: none"> <li>More coding examples. I feel like the course is a little bit on the slide heavy side even though it's understandable on some days. I feel like since there's two projectors in that room, one should be code while the other should be slides.</li> <li>I'd appreciate getting a bit more practice with the topics covered after basic MPI that is not in the form of the final project. Could help in coming up with a project idea.</li> <li>Early on, I did find it quite daunting to interact with the CMake environment and assignments. I do know that we had discussed it which may have helped the majority of people, but I do feel that it might've hit more people had it been a bit more comprehensive (setup, options, etc.). That being said, Amanda's office hours are a resource that is extremely valuable and one that I didn't utilize enough, so this may have helped.</li> </ul>	



# University of New Mexico

## 2022 Fall Courses



**Course:** CS442001: Intro to Parallel Processing  
**Instructor:** Amanda Bienz \*  
**Response Rate:** 4/9 (44.44 %)

### 5 - How helpful, knowledgeable, and professional was your TA?

Amanda Bienz



Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Highly Effective	(1)	3	75.00%					
Effective	(2)	0	0.00%					
Unsure	(3)	0	0.00%					
Ineffective	(4)	0	0.00%					
Highly Ineffective	(5)	0	0.00%					
N/A	(6)	1	25.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				2.25		2.50		1.00

### 6 - Were the problem sets/homework assigned helpful in learning the material in this course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Very Helpful	(1)	3	75.00%					
Somewhat Helpful	(2)	1	25.00%					
Unsure	(3)	0	0.00%					
Somewhat Unhelpful	(4)	0	0.00%					
Very Unhelpful	(5)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				1.25		0.50		1.00

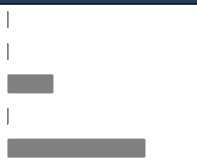

### 7 - How many times did you visit the instructor during his/her office hours?

Amanda Bienz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
10 or more times	(1)	0	0.00%					
5-9 times	(2)	1	25.00%					
1-4 times	(3)	2	50.00%					
Never	(4)	1	25.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				3.00		0.82		3.00

### 8 - How many times did you visit the TA during his/her office hours?

Amanda Bienz



Response Option	Weight	Frequency	Percent	Percent Responses	Means			
10 or more times	(1)	0	0.00%					
5-9 times	(2)	0	0.00%					
1-4 times	(3)	1	25.00%					
Never	(4)	0	0.00%					
N/A	(5)	3	75.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				4.50		1.00		5.00

# University of New Mexico


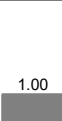
## 2022 Fall Courses

**Course:** CS442001: Intro to Parallel Processing  
**Instructor:** Amanda Bienz \*  
**Response Rate:** 4/9 (44.44 %)

### 9 - Were the quizzes, midterm, and final exam representative of the material presented in this course?



Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Very Fair	(1)	4	100.00%					
Somewhat Fair	(2)	0	0.00%					
Unsure	(3)	0	0.00%					
Somewhat Unfair	(4)	0	0.00%					
Very Unfair	(5)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				1.00		0.00		1.00

### 10 - Have you learned new concepts/topics in the course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes, Many	(1)	4	100.00%					
Yes, Some	(2)	0	0.00%					
Yes, a Few	(3)	0	0.00%					
No, none	(4)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				1.00		0.00		1.00

### 11 - If the course has prerequisites, did they adequately prepare you for the course?

Amanda Bienz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Well prepared	(1)	0	0.00%					
Somewhat prepared	(2)	3	75.00%					
Ill prepared	(3)	0	0.00%					
Not applicable	(4)	1	25.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
4/9 (44.44%)				2.50		1.00		2.00