



# CAS EE508 CDSDS 537 A1

**Christoph Nolte**  
Fall 2025

This course-based report contains an overall summary of scaled questions, as well as more detailed analyses of scaled and open-ended questions.

## Response Rate

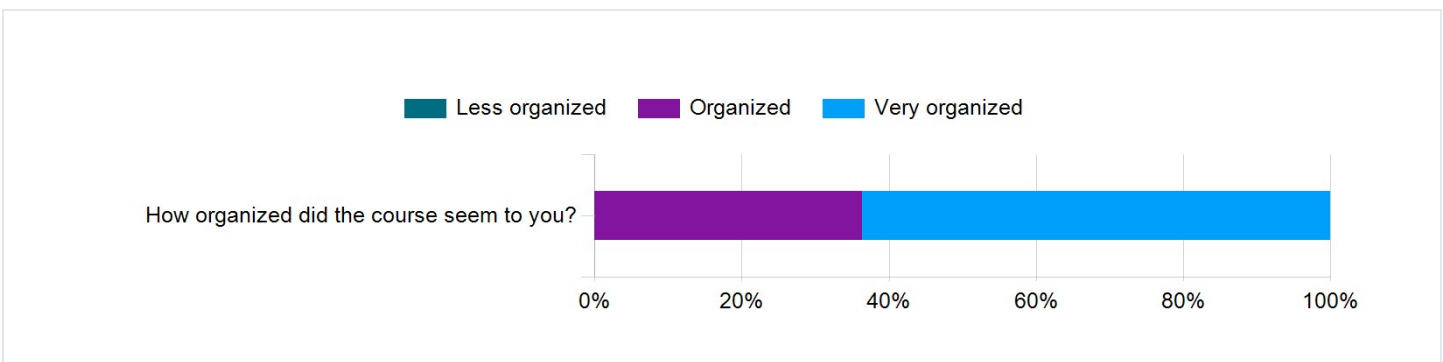
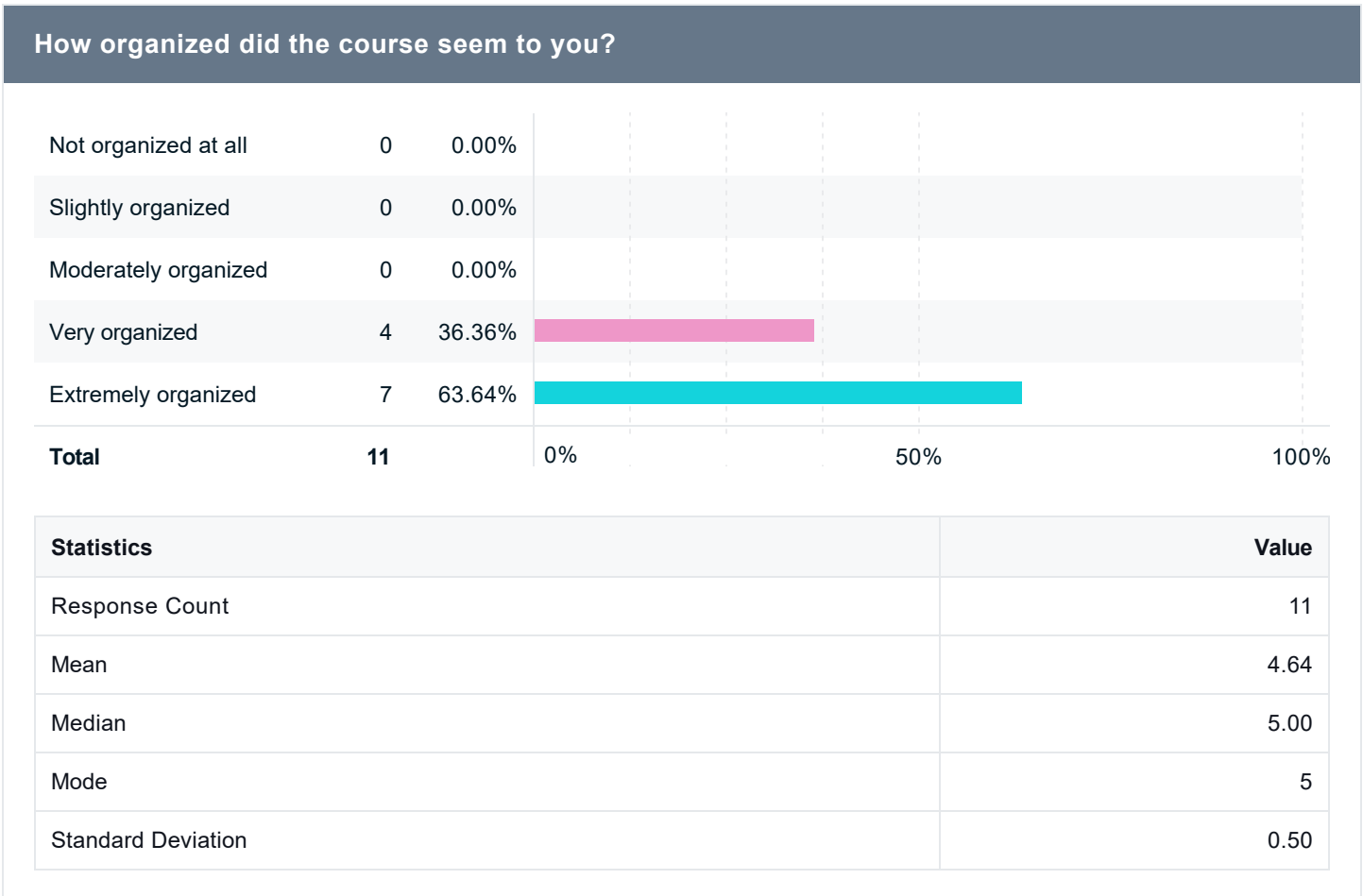
Raters	Student
Responded	11
Invited	24
Response Ratio	45.83%

## Summary

	Course	Dept	College
How organized did the course seem to you?	4.64	N/A	N/A
How well were the course learning objectives communicated?	4.82	N/A	N/A
How well did the course fulfill its stated learning objectives?	5.00	N/A	N/A
How much did you learn from this course?	4.91	N/A	N/A
How well did the course foster a sense of belonging and an inclusive climate that was supportive of learning for all students?	4.64	N/A	N/A
<b>Overall</b>	<b>4.80</b>	<b>N/A</b>	<b>N/A</b>

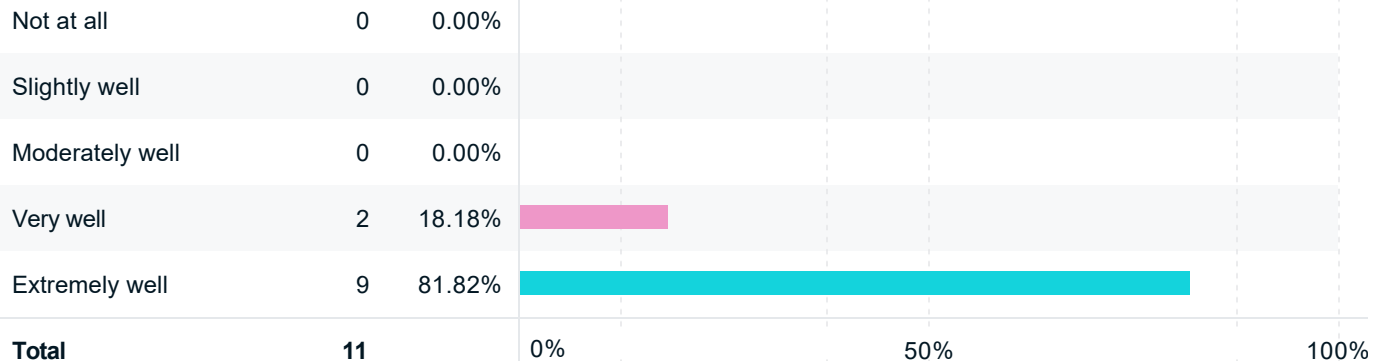
## University-Wide Student Course Feedback

### How organized did the course seem to you?

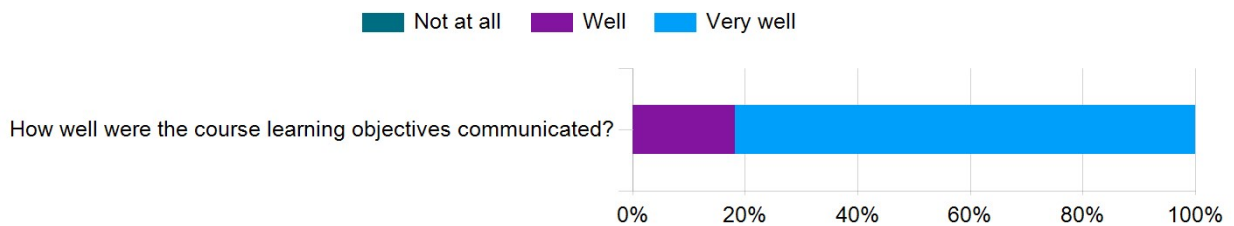


## How well were the course learning objectives communicated?

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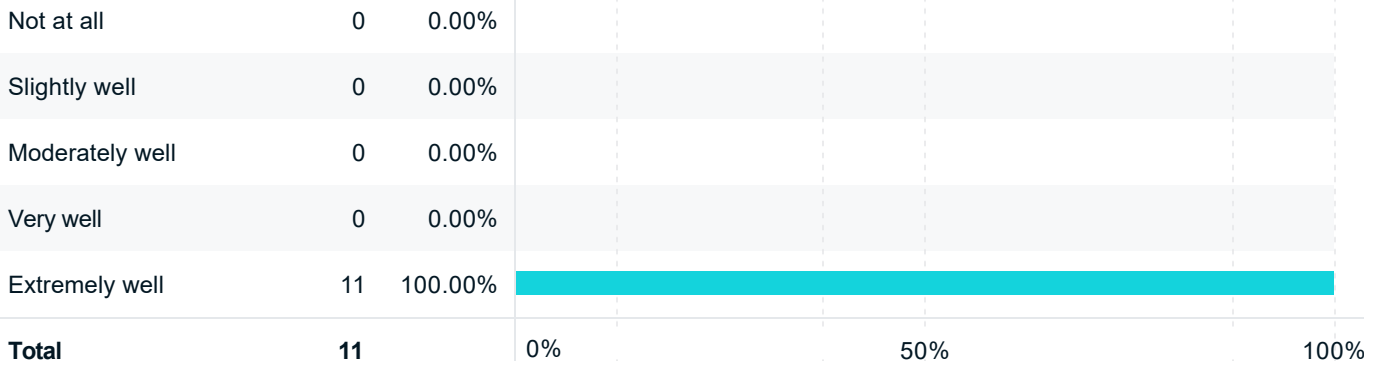


Statistics	Value
Response Count	11
Mean	4.82
Median	5.00
Mode	5
Standard Deviation	0.40

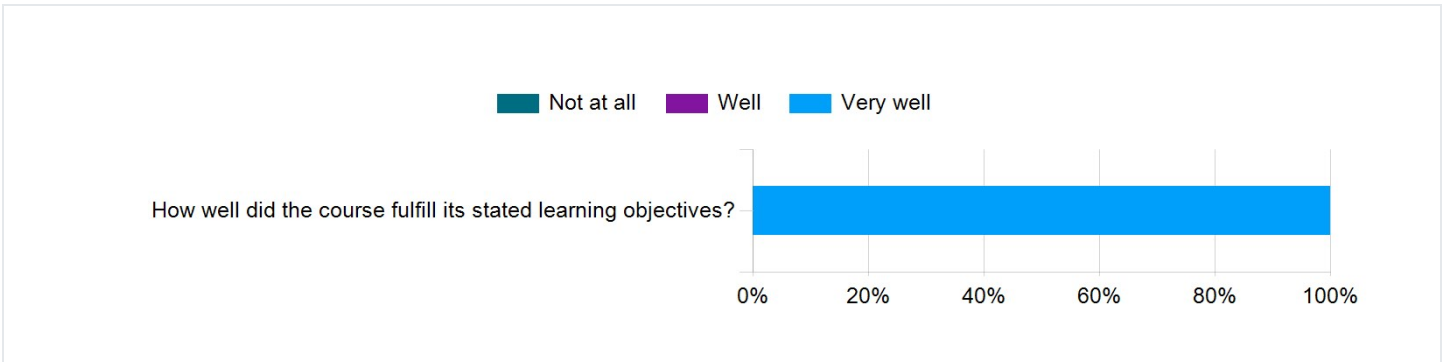


# How well did the course fulfill its stated learning objectives?

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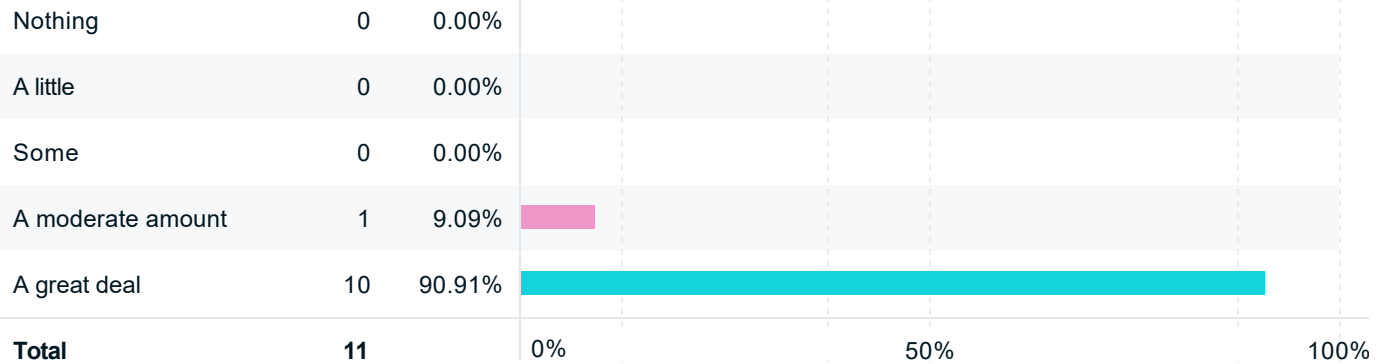


Statistics	Value
Response Count	11
Mean	5.00
Median	5.00
Mode	5
Standard Deviation	0.00

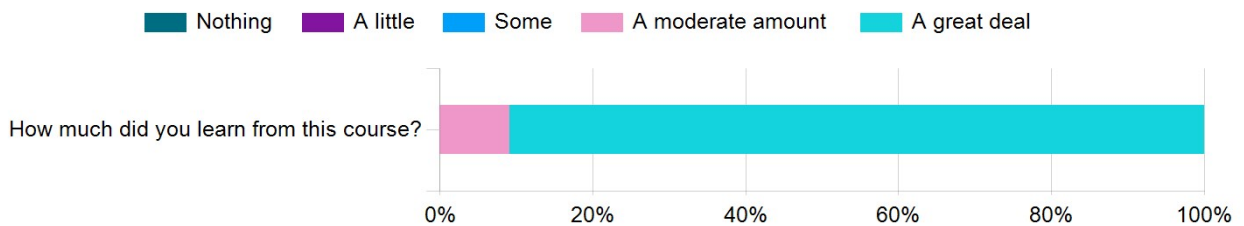


## How much did you learn from this course?

### How much did you learn from this course?



Statistics	Value
Response Count	11
Mean	4.91
Median	5.00
Mode	5
Standard Deviation	0.30



## Please explain your response.

### Comment

I learned a lot about data science applications in conservation. The labs, tests, and projects were all clearly organized.

Virtually everything covered in this course was new content for me. It was fascinating to learn so much, especially from someone so passionate about the subject matter. I felt like we spent a lot of time covering lab progress during lectures, but I wish we had learned more about conservation and certain implications on conservation, e.g., data warehouses on water quality.

I came in with weak python skills and now feel confident

Very well organised and interesting content

An excellent course– well organized and with a great deal of knowledge to gain. Perfect as a complement to other geospatial classes and a good introduction to Python for EE students.

Cristoph is an excellent professor. This is the most unique class I have gotten to take in my field and perhaps also one of the most beneficial. I am so grateful for the effort Cristoph put into designing this class, and have already referred back to past assignments for work in the "real-world". Everything was explained very well, and he was very fair with the questions he asked and the way he graded, taking focus off the letter grade and putting it on my actual learning.

The course was planned out extremely well and everything was thoroughly explained. Every lab or assignment was discussed in class with plenty of time for students to ask questions if need be and fully complete the assignments.

I had very minimal experience using python, but I was able to learn a wide range of skills applicable to my other coursework. I believe this class was worth 2 or 3 classes in one in terms of content, relevant skills especially data science concepts for a student coming from Earth & Environment.

I feel like in a lot of college classes, students struggle to actually learn because they're so focused on exams, tests, etc, but I think out of my 4 years at BU this is the class I've learned the most from. It helped me solidify the type of career I want to pursue/the skillset I need for the future and I left this class feeling fulfilled and happy with how much I learned.

## What were the most valuable aspects of the course?

### Comment

This course strengthened my python skills.

I appreciated how comfortable it is to ask questions and get help. The polls you conduct at the beginning of class also help students request help in an even more accessible manner, and they allowed me to realize what I needed to gain familiarity with. I also like that we changed the midterm and final exam to quizzes about the labs; it made learning and studying much more manageable.

labs and class website

The labs were very well put together, they could have been more challenging but offered good what if questions to think about. I would have also liked to see more additional topics or discussions vs discussing the lab. There were several lectures where people prepared with labs had to sit through questions for the beginning of labs that others hadn't gotten to yet.

Gave great exposure to GIS uses of Python

The variety of content in labs and Christoph himself.

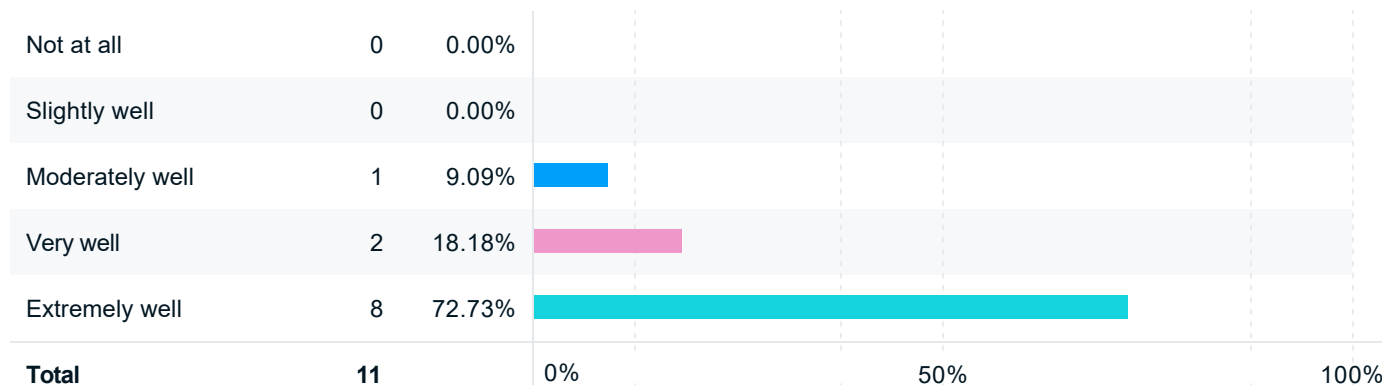
The labs were excellent, the provided literature was excellent, and Cristoph's feedback on our exams and labs kept me on track and helped me truly understand the mistakes I made. I am so grateful for the time and effort he put into designing and teaching this class– it is one of the best and most supportive classes I've ever taken.

The labs were by far the most important aspect of the course. They were extremely helpful to not only learn python if you did not have the most experience with it but also successfully apply it to understanding important conservations problems.

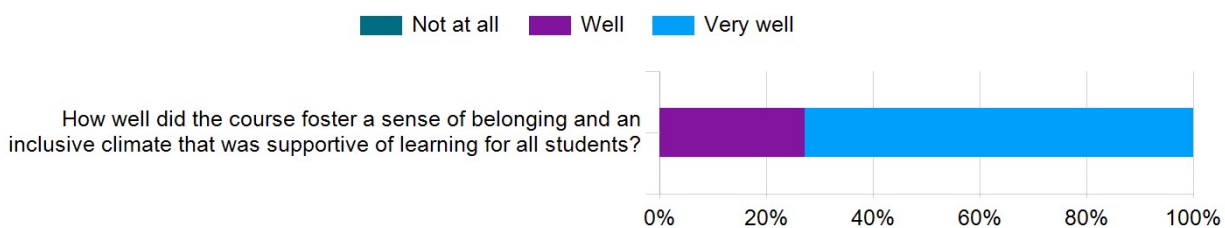
The entire class structure was very well laid out and transparent;

## How well did the course foster a sense of belonging and an inclusive climate that was supportive of learning for all students?

How well did the course foster a sense of belonging and an inclusive climate that was supportive of learning for all students?



Statistics	Value
Response Count	11
Mean	4.64
Median	5.00
Mode	5
Standard Deviation	0.67



## If you have additional comments about this course, please provide them below.

Comment
Very fun course, each lab taught something different.
Super super great course I would recommend it to anyone. (assuming you have ~ some coding experience).
I think at some points in the semester people felt overwhelmed with the amount of work, but I really appreciate how responsive you were about due dates and pushing back deadlines to make sure we actually learned from the labs.

## What skills or knowledge did you learn or improve in this course?

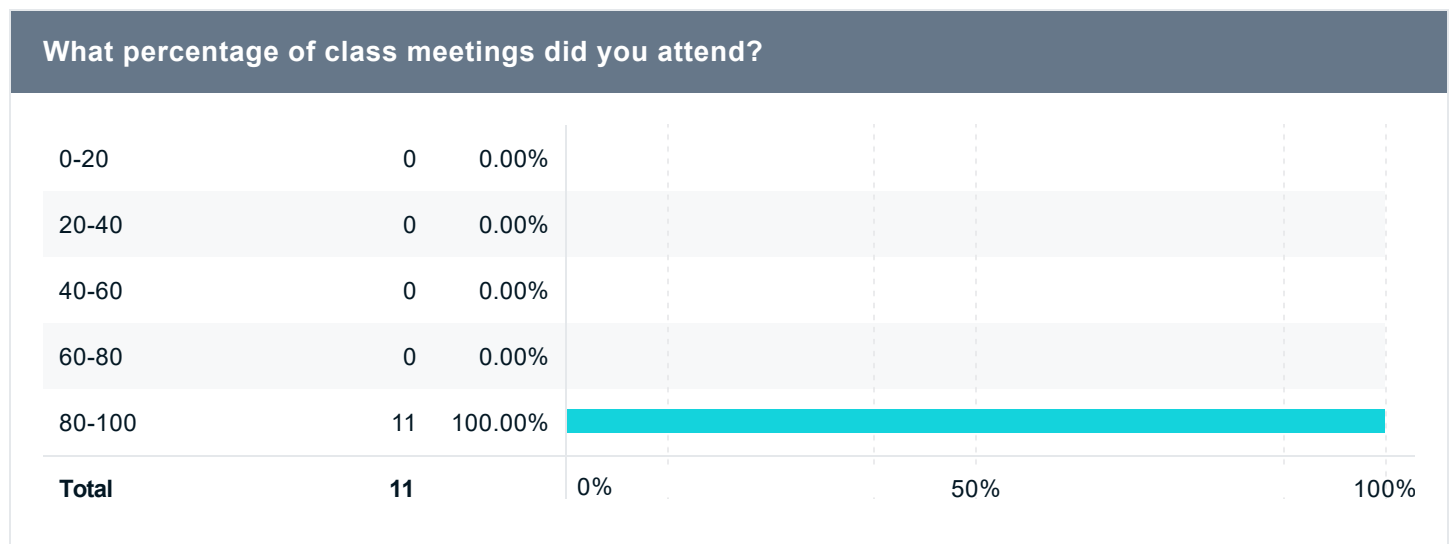
Comment
I learned how to do conservation analysis.
I learned a lot. I didn't know anything about QGIS and barely knew how to use R. Despite having used Python in the past, we implemented so many new things, like Marxan, which was refreshing.
spatial data analysis, python, QGIS, R practice
Reinforced geopandas, introduced me to Marxan/matching/parcel level analysis.
Strong development of python skills
Coding, Python, Geospatial analyses, policy evaluation
My python skills were significantly improved over the course of the class. I came in with a basic understanding of it but I feel much more confident now at the end of the class to be able to use and apply python.
Coding, data science, statistics.
I felt very inexperienced with spatial data processing at the start of the course, now its shocking to see how much I was able to cover in these months.

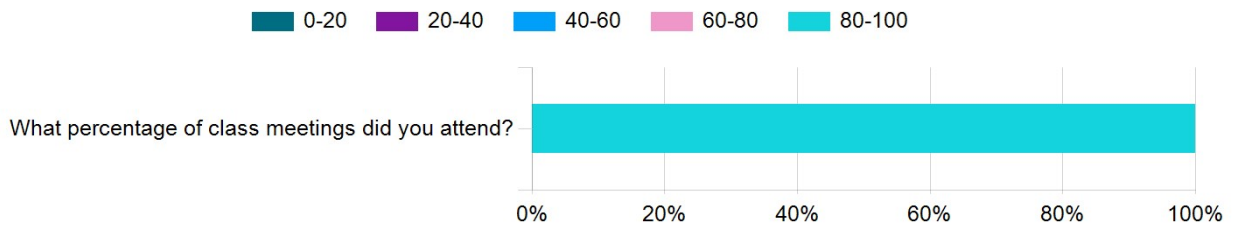
## What advice would you give to students considering taking this course in the future?

Comment
I would advise students to take this course it is really interesting and a lot of fun.
I would suggest that students work with peers on labs, as it is mutually beneficial for learning. Also, I would suggest choosing a project that aligns with their passions; the options are limitless.
Perform the lab work before actually looking at the guiding steps to ensure you are thinking about the process.
Great for seeing how python can be used in GIS
It can be overwhelming at times, but just keep going!
Stay on top of the labs and ask questions.
With minimal coding experience and AI assistance you can benefit a huge deal from this class.
I would say don't take it if you're course overloading or have a lot on your plate, it can seem like a lot at certain points. But I also think this class is worth clearing up your schedule for.

## Student effort

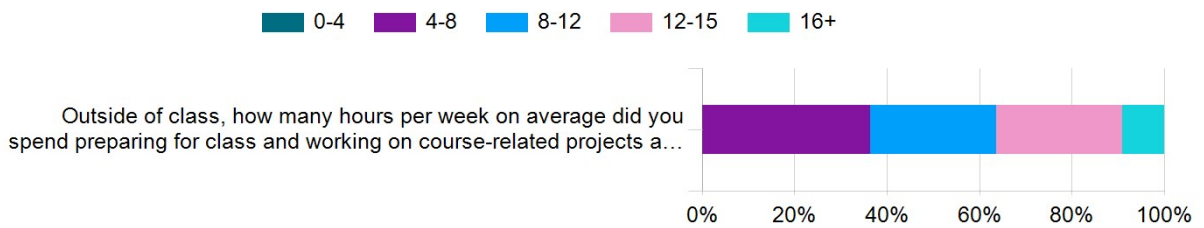
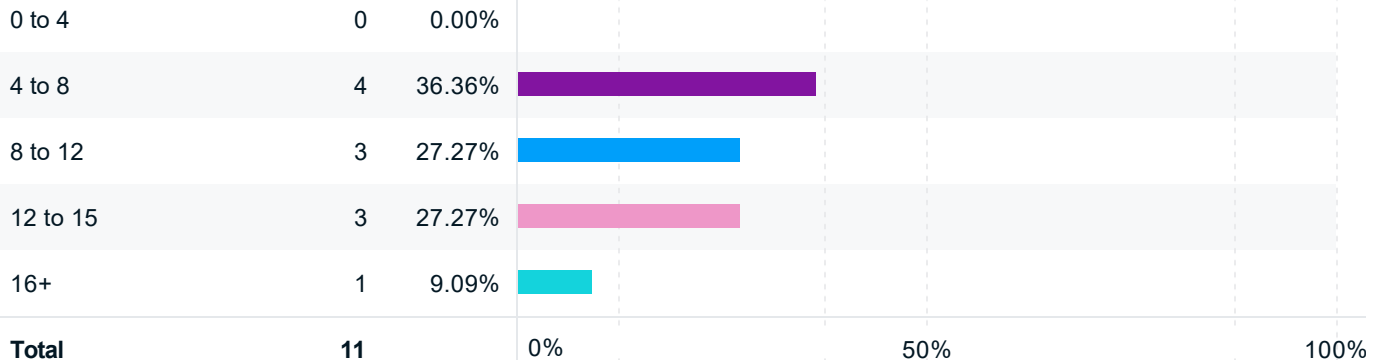
### What percentage of class meetings did you attend?





**Outside of class, how many hours per week on average did you spend preparing for class and working on course-related projects and assignments?**

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## Faculty of Computing & Data Sciences Questions

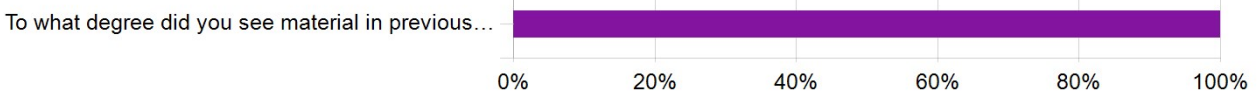
To what degree did you see material in previous classes that prepared you for this class?

To what degree did you see material in previous classes that prepared you for this class?

Not prepared at all	0	0.00%	
Somewhat prepared	2	100.00%	
Perfect amount of preparation	0	0.00%	
Saw most of this material in a previous course	0	0.00%	
Saw all of this material in a previous course	0	0.00%	
N/A	0	0.00%	
<b>Total</b>	<b>2</b>		0% 50% 100%

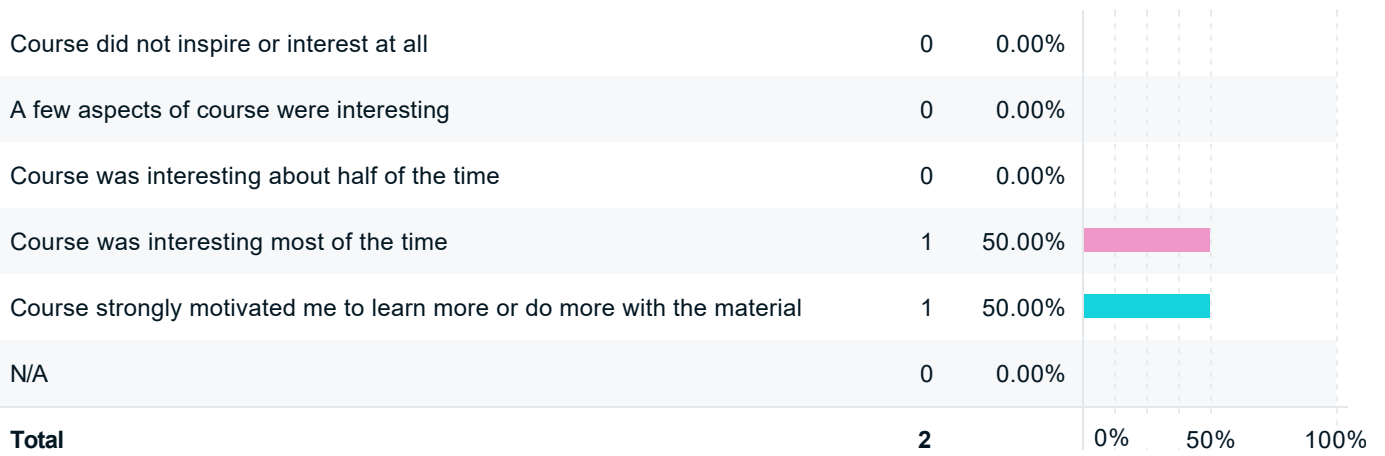
Statistics	Value
Response Count	2
Mean	2.00
Median	2.00
Mode	2
Standard Deviation	0.00

■ Not prepared at all    
 ■ Perfect amount of preparation    
 ■ Saw all of this material in a previous course    
 ■ N/A  
■ Somewhat prepared    
 ■ Saw most of this material in a previous course

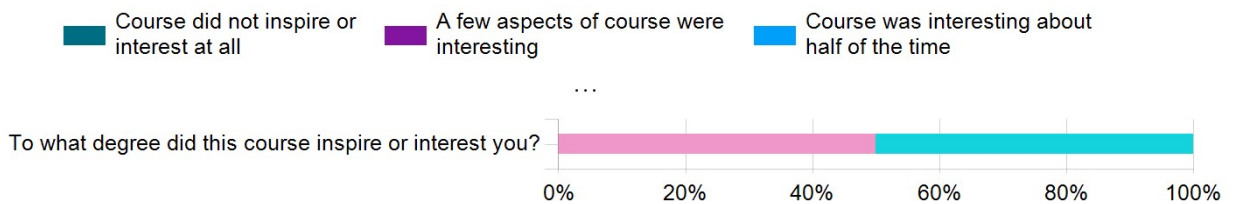


## To what degree did this course inspire or interest you?

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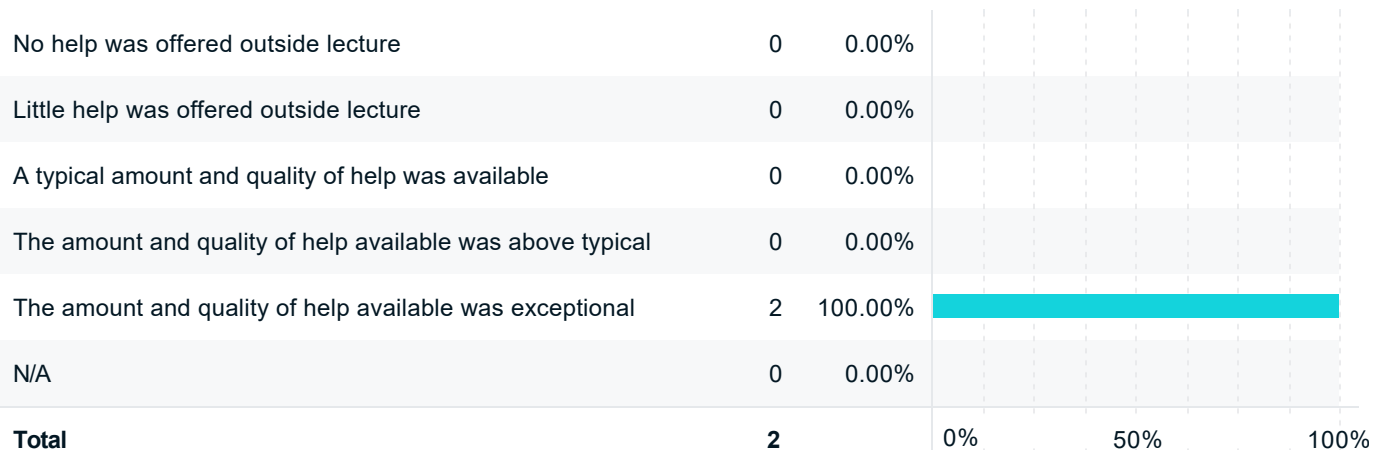


Statistics	Value
Response Count	2
Mean	4.50
Median	4.50
Mode	4, 5
Standard Deviation	0.71



## To what degree were you able to get help with this course when you needed it?

### To what degree were you able to get help with this course when you needed it?



Statistics	Value
Response Count	2
Mean	5.00
Median	5.00
Mode	5
Standard Deviation	0.00

