



LUND UNIVERSITY

Faculty of Science

Centre for Mathematical Sciences

Division of Mathematics and Numerical Analysis

Course Analysis for MATM30 Mathematical Foundations of Probability, Autumn 2024

Course Information

Lecturer: Tatyana Turova

Number of students:

17 newly registered.

4 students answered the course evaluation.

Examination

Oral examination: 9 students passed.

Final grades:

In all, 9 students have got their final grade.

4 passed with distinction.

5 passed.

Course Evaluation

Summary of student's answers:

Overall, the students are very positive about the course.

It is always assumed that the students work first on the problems at home. The students confirm that they increased their ability to communicate the subject orally, to solve the problems.

Teachers' comments:

Overwhelming majority of students appreciate the lectures, as well as the conductance of the seminars where the theory is vividly discussed.

It is always assumed that the students work first on the problems at home. The course is given very close to the textbook, but with extra details sometimes. The students certainly appreciate an opportunity to discuss questions somewhat outside of the book as well. The exercises are from the book, and each problem is solved in class at the blackboard. The oral examination is a good part of the educational process as well. All the students are given an opportunity to improve the grade should they want to.

Changes from the previous course realisation:

The past evaluations were positive. Therefore, when compared to the previous course realisation in 2023, no real changes in the structure were made.

Suggestions for the next course realisation:

The evaluations for 2024 are also very positive. Therefore, no major changes in the structure are planned.

Given a positive result with this course the administration may consider implementing a following course in Stochastic processes within a graduate program in mathematics at LU. I believe this should attract a sufficient number of students.

In case there are students interested I am always ready to have extra meetings for discussing more probability projects.

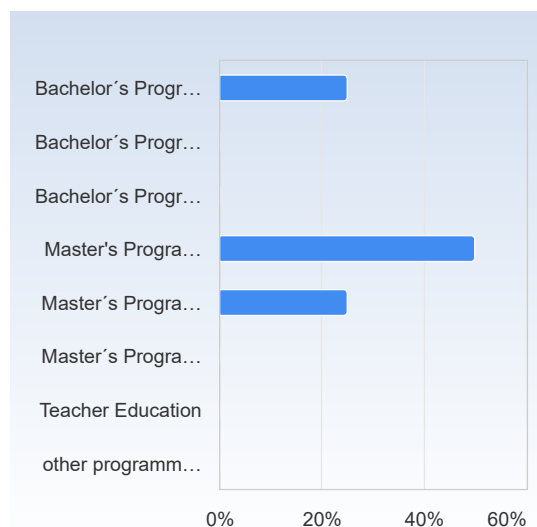
The students attending this course have a very different background in mathematics. The students without proper mathematical training could be advised to take another course in probability first (e.g., MASC01).

MATM30HT24 Mathematical Foundations of Probability

Respondents: 22
Answer Count: 4
Answer Frequency: 18.18%

I have studied this course as part of

I have studied this course as part of	Number of responses
Bachelor's Programme in Mathematics	1 (25.0%)
Bachelor's Programme in Physics, Theoretical Physics, Astronomy	0 (0.0%)
Bachelor's Programme, other specialization	0 (0.0%)
Master's Programme in Mathematics	2 (50.0%)
Master's Programme in Mathematical Statistics	1 (25.0%)
Master's Programme, other specialization	0 (0.0%)
Teacher Education	0 (0.0%)
other programme or as stand alone course	0 (0.0%)
Total	4 (100.0%)

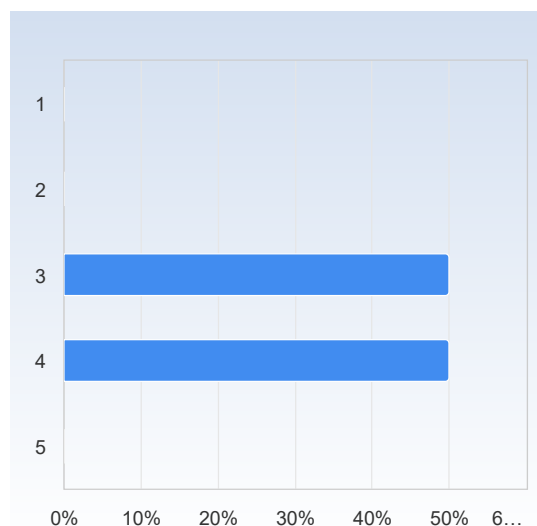


	Mean	Standard Deviation
I have studied this course as part of	3.5	1.7

On the scale 1-5 select the option that best matches your opinion: 1= disagree completely → 3= partly agree → 5= agree completely

2. My prior knowledge has been sufficient to assimilate the contents of this course.

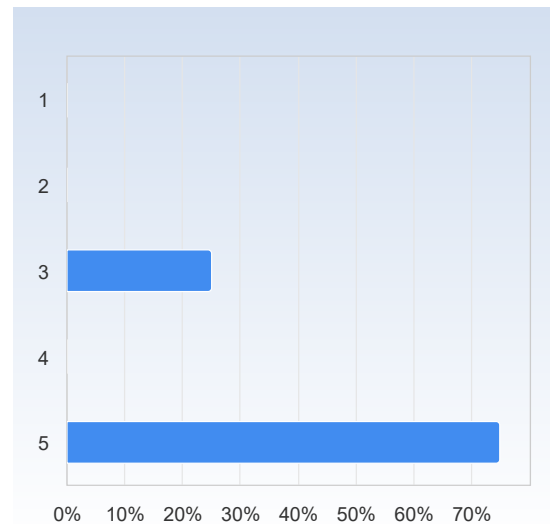
2. My prior knowledge has been sufficient to assimilate the contents of this course.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (50.0%)
4	2 (50.0%)
5	0 (0.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
2. My prior knowledge has been sufficient to assimilate the contents of this course.	3.5	0.6

3. I have participated actively in the course.

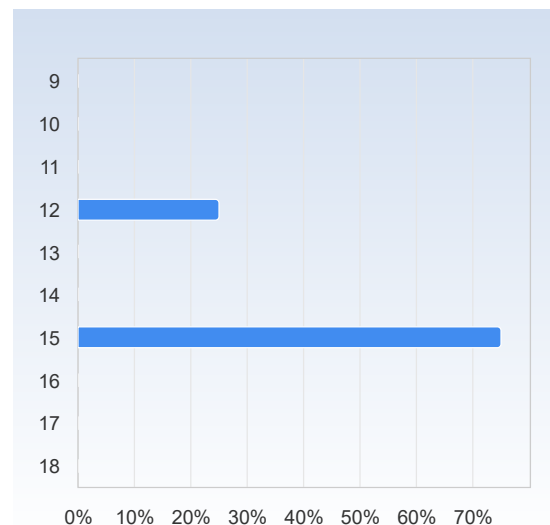
3. I have participated actively in the course.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (25.0%)
4	0 (0.0%)
5	3 (75.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
3. I have participated actively in the course.	4.5	1.0

Average number of hours spent in total on the course per week (including scheduled activities):

Average number of hours spent in total on the course per week (including scheduled activities):	Number of responses
9	0 (0.0%)
10	0 (0.0%)
11	0 (0.0%)
12	1 (25.0%)
13	0 (0.0%)
14	0 (0.0%)
15	3 (75.0%)
16	0 (0.0%)
17	0 (0.0%)
18	0 (0.0%)
Total	4 (100.0%)



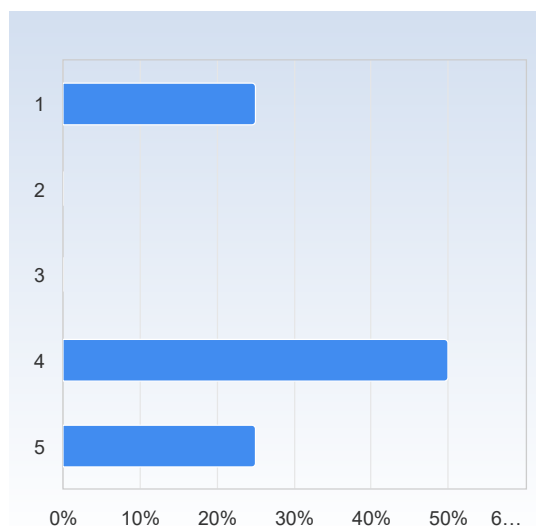
	Mean	Standard Deviation
Average number of hours spent in total on the course per week (including scheduled activities):	14.2	1.5

The course in general

On the scale 1-5 select the option that best matches your opinion: 1= disagree completely → 3= partly agree → 5= agree completely

The way the course was taught and organised suited me.

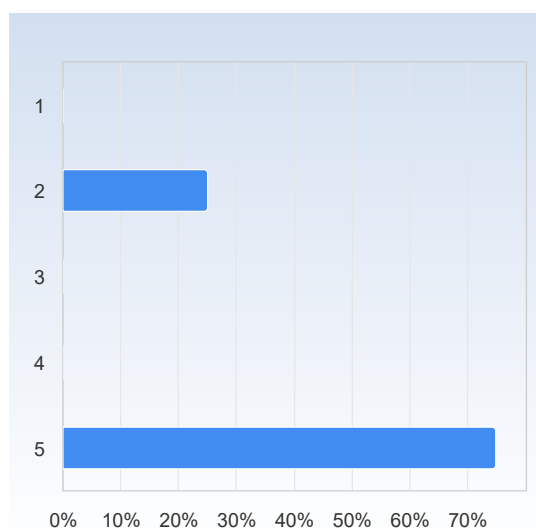
The way the course was taught and organised suited me.	Number of responses
1	1 (25.0%)
2	0 (0.0%)
3	0 (0.0%)
4	2 (50.0%)
5	1 (25.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
The way the course was taught and organised suited me.	3.5	1.7

The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.

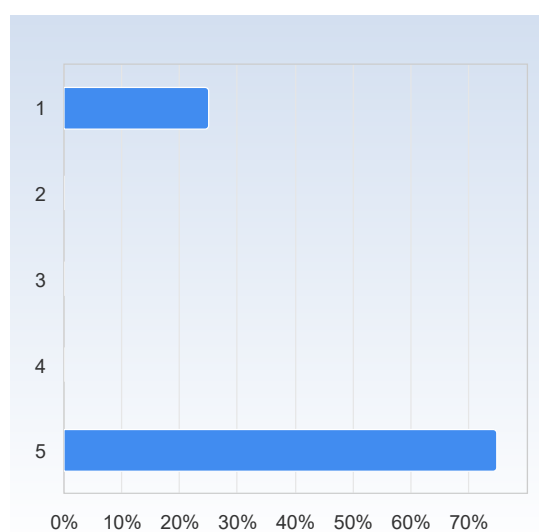
The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.	Number of responses
1	0 (0.0%)
2	1 (25.0%)
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	Mean	Standard Deviation
The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.	4.2	1.5

The lectures were valuable for my learning.

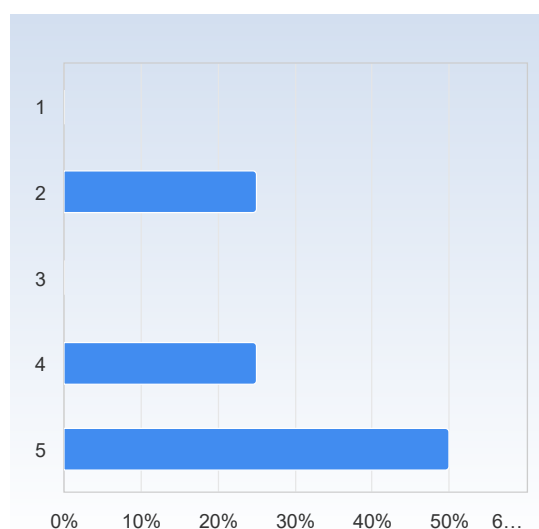
The lectures were valuable for my learning.	Number of responses
1	1 (25.0%)
2	0 (0.0%)
3	0 (0.0%)
4	0 (0.0%)
5	3 (75.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
The lectures were valuable for my learning.	4.0	2.0

The seminars were valuable for my learning.

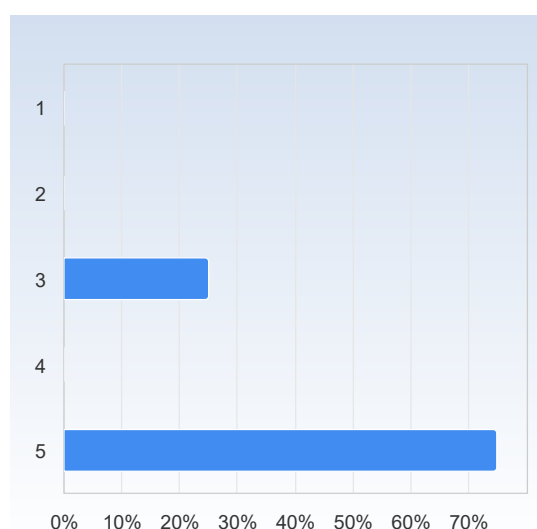
The seminars were valuable for my learning.	Number of responses
1	0 (0.0%)
2	1 (25.0%)
3	0 (0.0%)
4	1 (25.0%)
5	2 (50.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
The seminars were valuable for my learning.	4.0	1.4

Studying on my own was valuable for my learning.

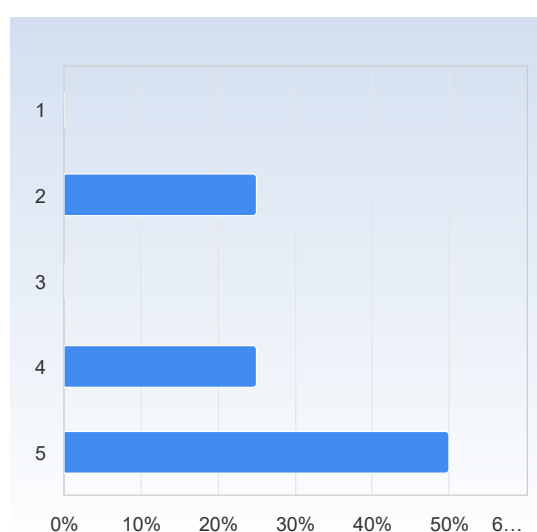
Studying on my own was valuable for my learning.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
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4	0 (0.0%)
5	3 (75.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
Studying on my own was valuable for my learning.	4.5	1.0

The course literature/material was a valuable learning resource.

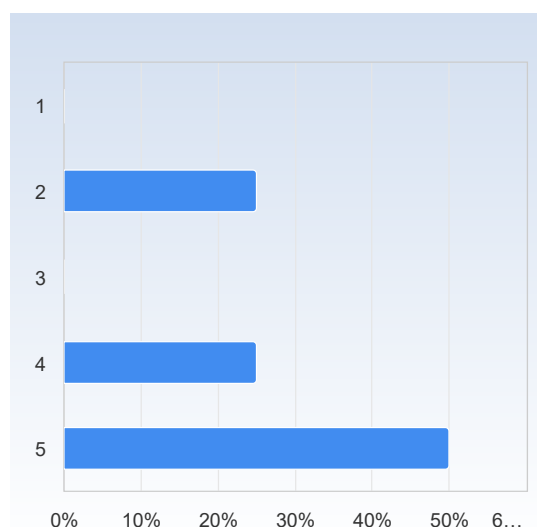
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	Mean	Standard Deviation
The course literature/material was a valuable learning resource.	4.0	1.4

The information I received before the course start was satisfactory.

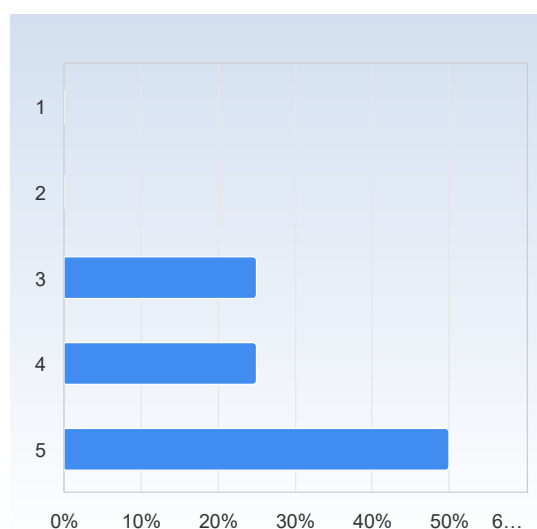
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	Mean	Standard Deviation
The information I received before the course start was satisfactory.	4.0	1.4

The communication with the teaching staff during the course was good.

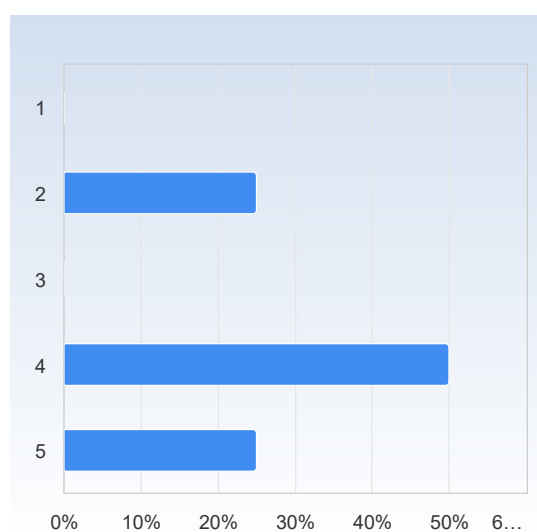
The communication with the teaching staff during the course was good.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (25.0%)
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Total	4 (100.0%)



	Mean	Standard Deviation
The communication with the teaching staff during the course was good.	4.2	1.0

It was clear throughout the course what was expected of me.

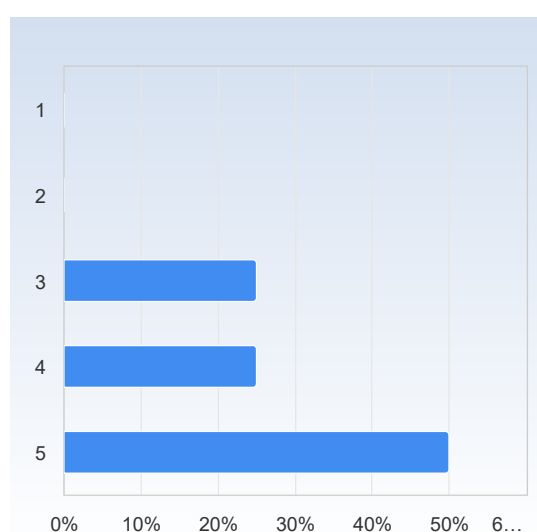
It was clear throughout the course what was expected of me.	Number of responses
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5	1 (25.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
It was clear throughout the course what was expected of me.	3.8	1.3

I have received valuable feedback from my teacher/teachers during the course.

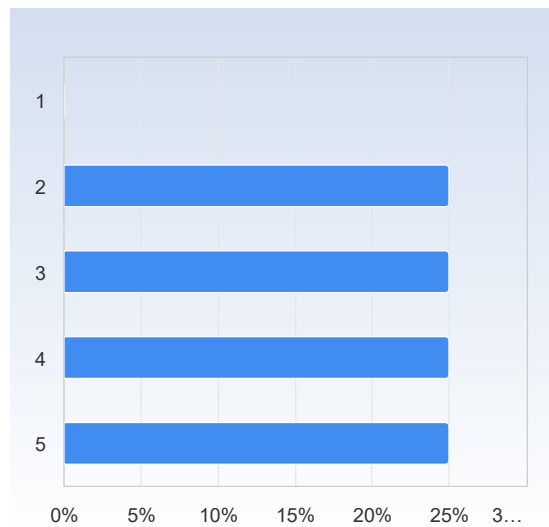
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	Mean	Standard Deviation
I have received valuable feedback from my teacher/teachers during the course.	4.2	1.0

The course had a reasonable workload.

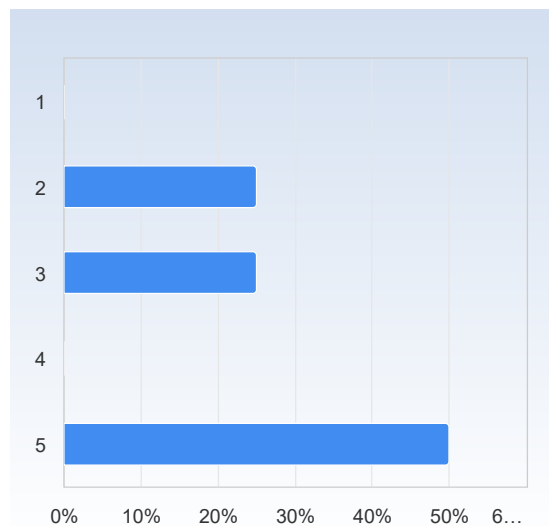
The course had a reasonable workload.	Number of responses
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	Mean	Standard Deviation
The course had a reasonable workload.	3.5	1.3

The workload was evenly distributed throughout the course.

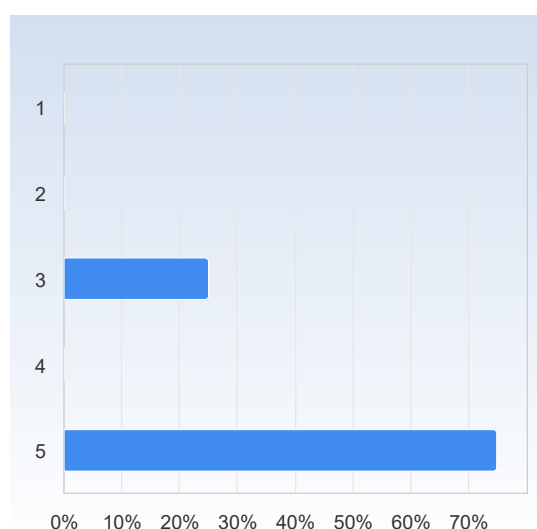
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	Mean	Standard Deviation
The workload was evenly distributed throughout the course.	3.8	1.5

The examination matched the contents and level of the course.

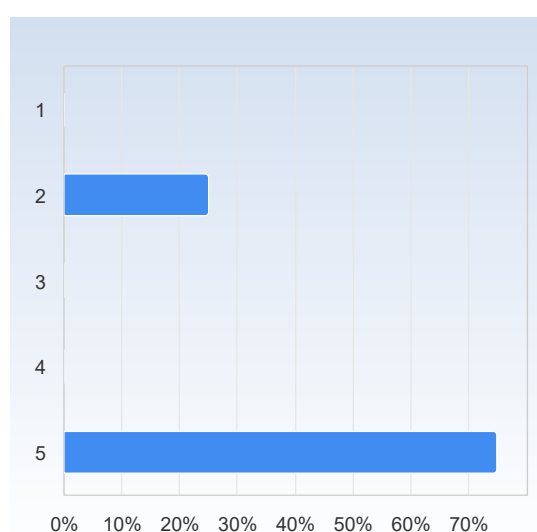
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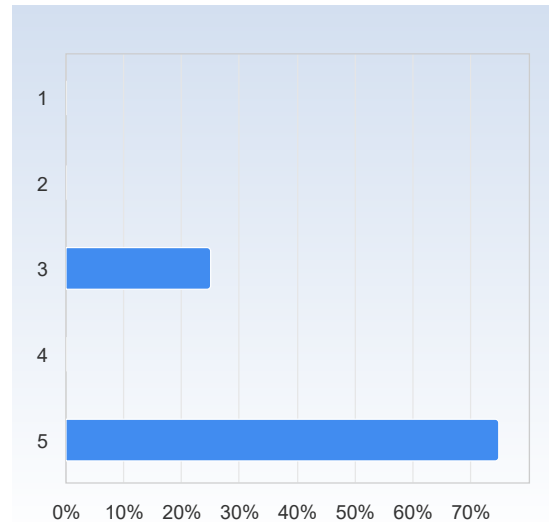
	Mean	Standard Deviation
Overall, I am satisfied with the course.	4.2	1.5

On the development of generic skills

On a scale 1-5 select the option that best matches your opinion: 1= disagree completely → 3= partly agree → 5= agree completely

The course has increased my ability to read a mathematical text.

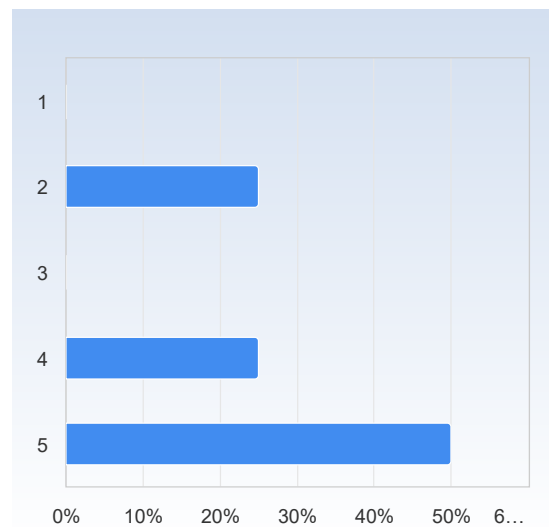
The course has increased my ability to read a mathematical text.	Number of responses
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Total	4 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to read a mathematical text.	4.5	1.0

The course has increased my ability to communicate the subject in writing.

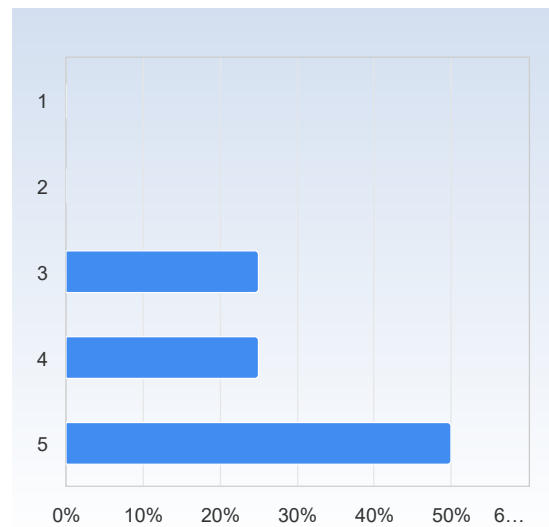
The course has increased my ability to communicate the subject in writing.	Number of responses
1	0 (0.0%)
2	1 (25.0%)
3	0 (0.0%)
4	1 (25.0%)
5	2 (50.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to communicate the subject in writing.	4.0	1.4

The course has increased my ability to communicate the subject orally.

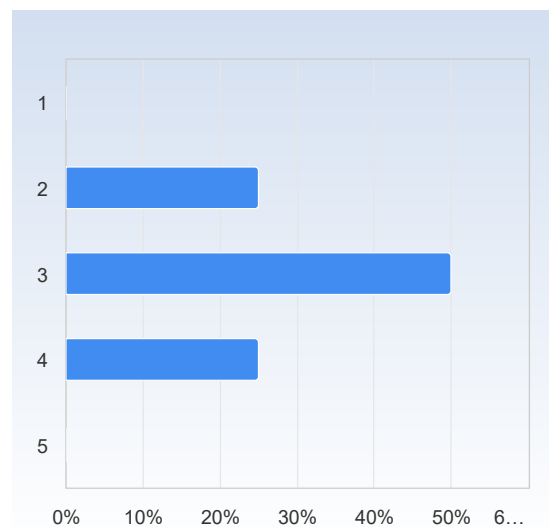
The course has increased my ability to communicate the subject orally.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (25.0%)
4	1 (25.0%)
5	2 (50.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to communicate the subject orally.	4.2	1.0

The course has increased my ability to cooperate.

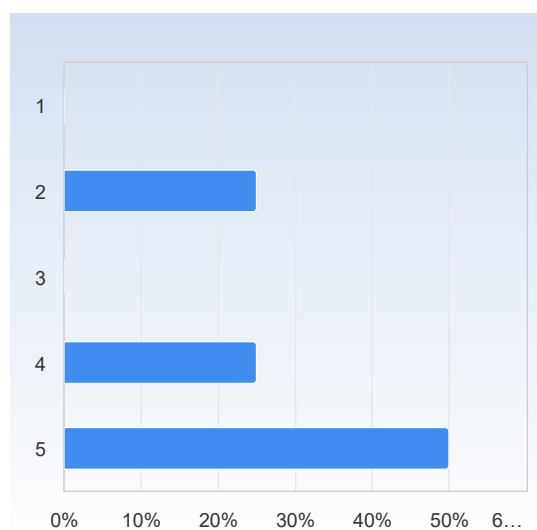
The course has increased my ability to cooperate.	Number of responses
1	0 (0.0%)
2	1 (25.0%)
3	2 (50.0%)
4	1 (25.0%)
5	0 (0.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to cooperate.	3.0	0.8

The course has increased my ability to search and process information.

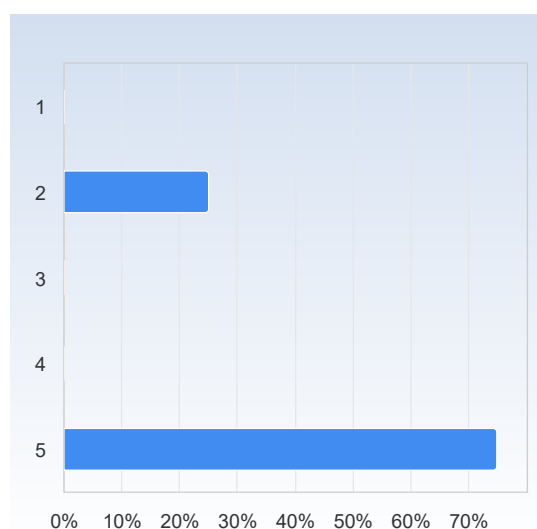
The course has increased my ability to search and process information.	Number of responses
1	0 (0.0%)
2	1 (25.0%)
3	0 (0.0%)
4	1 (25.0%)
5	2 (50.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to search and process information.	4.0	1.4

The course has increased my ability to analyze and solve problems.

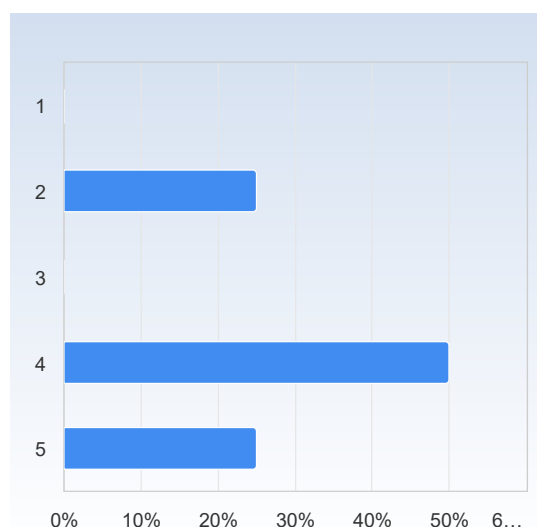
The course has increased my ability to analyze and solve problems.	Number of responses
1	0 (0.0%)
2	1 (25.0%)
3	0 (0.0%)
4	0 (0.0%)
5	3 (75.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to analyze and solve problems.	4.2	1.5

As a result of this course, I feel confident about tackling unfamiliar problems.

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1	0 (0.0%)
2	1 (25.0%)
3	0 (0.0%)
4	2 (50.0%)
5	1 (25.0%)
Total	4 (100.0%)



	Mean	Standard Deviation
As a result of this course, I feel confident about tackling unfamiliar problems.	3.8	1.3

What did you appreciate most with the course?

What did you appreciate most with the course?
That the expectations are clear and that the teacher always welcomed questions.

What do you think should be improved?

Have you during this course experienced course literature, staff or teaching methods to be discriminatory in any way (gender, ethnicity, etc.)?