HT23 General and Organic Chemistry

**In my view, I have developed valuable expertise/skills during the course.**

In my view, I have developed valuable expertise/skills during the course.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	0 (0.0%)
to some extent	11 (26.8%)
to a large extent	21 (51.2%)
to a very large extent	9 (22.0%)
Total	41 (100.0%)

● In my view, I have developed valuable experti…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, I have developed valuable expertise/skills during the course.	4.0	0.7	17.9 %	3.0	3.0	4.0	4.0	5.0

**In my view, I have achieved all the intended learning outcomes of the course.**

In my view, I have achieved all the intended learning outcomes of the course.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	6 (14.6%)
to some extent	13 (31.7%)
to a large extent	17 (41.5%)
to a very large extent	5 (12.2%)
Total	41 (100.0%)
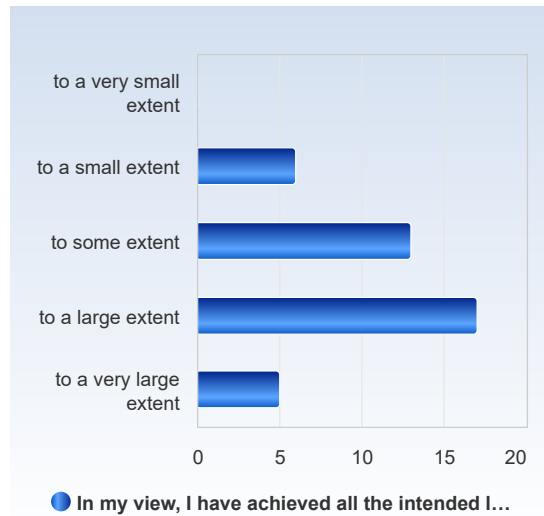
In my view, I have achieved all the intended I…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, I have achieved all the intended learning outcomes of the course.	3.5	0.9	25.6 %	2.0	3.0	4.0	4.0	5.0

In my view, there was a common theme running throughout the course – from learning outcomes to examinations.
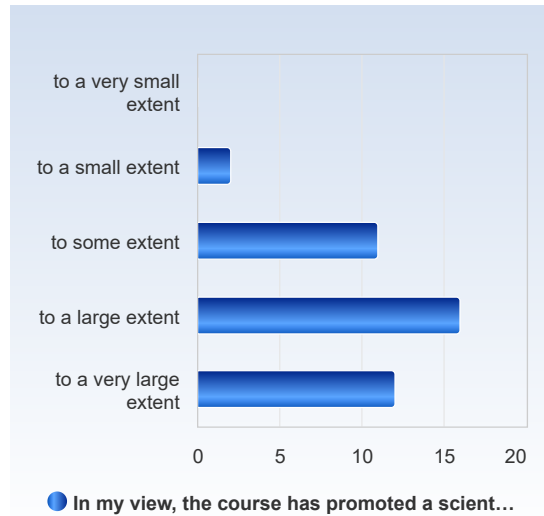
In my view, there was a common theme running throughout the course – from learning outcomes to examinations.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	0 (0.0%)
to some extent	6 (14.6%)
to a large extent	20 (48.8%)
to a very large extent	15 (36.6%)
Total	41 (100.0%)
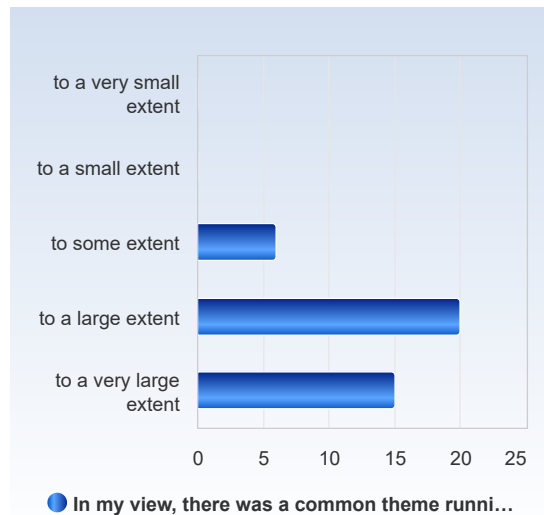
In my view, there was a common theme runni…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, there was a common theme running throughout the course – from learning outcomes to examinations.	4.2	0.7	16.3 %	3.0	4.0	4.0	5.0	5.0

In my view, the course has promoted a scientific way of thinking and reasoning (e.g. analytical and critical thinking, independent search for and evaluation of information).

In my view, the course has promoted a scientific way of thinking and reasoning (e.g. analytical and critical thinking, independent search for and evaluation of information).	Number of responses
to a very small extent	0 (0.0%)
to a small extent	2 (4.9%)
to some extent	11 (26.8%)
to a large extent	16 (39.0%)
to a very large extent	12 (29.3%)
Total	41 (100.0%)

In my view, the course has promoted a scient…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, the course has promoted a scientific way of thinking and reasoning (e.g. analytical and critical thinking, independent search for and evaluation of information).	3.9	0.9	22.3 %	2.0	3.0	4.0	5.0	5.0

In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.
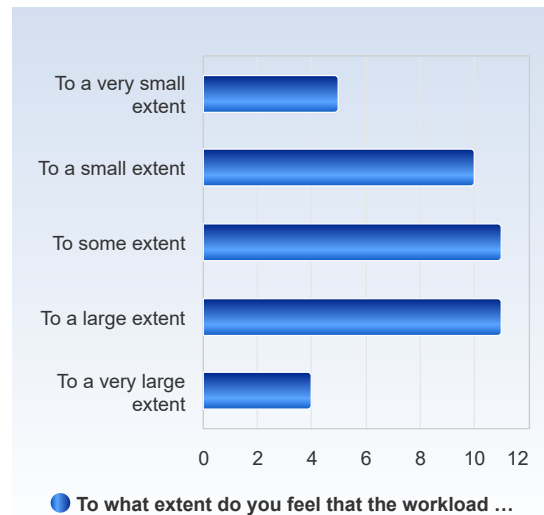
In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.	Number of responses
to a very small extent	2 (4.9%)
to a small extent	1 (2.4%)
to some extent	16 (39.0%)
to a large extent	15 (36.6%)
to a very large extent	7 (17.1%)
Total	41 (100.0%)
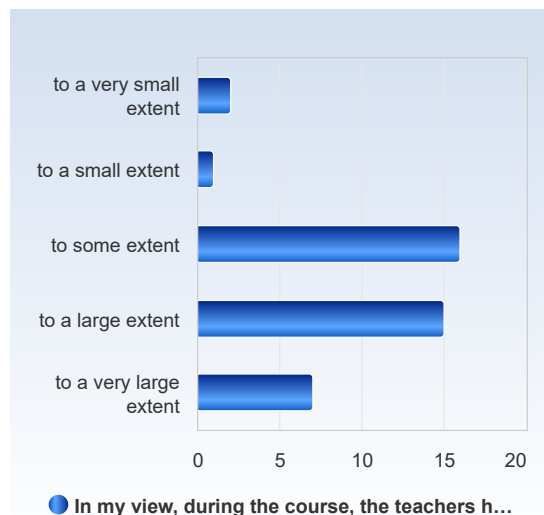
In my view, during the course, the teachers h…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.	3.6	1.0	27.2 %	1.0	3.0	4.0	4.0	5.0

To what extent do you feel that the workload during the course was reasonable in relation to the extent of the course/number of credits awarded?
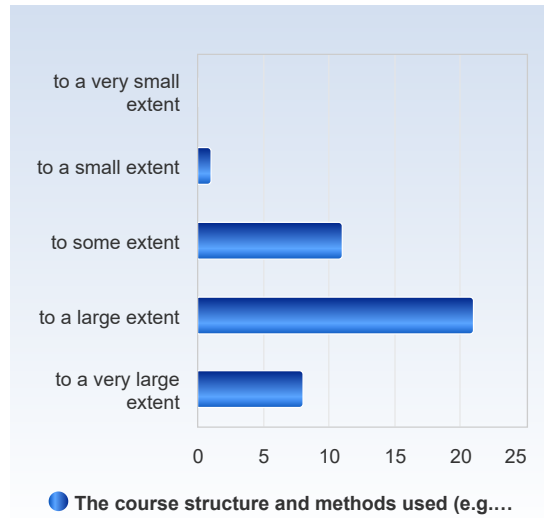
To what extent do you feel that the workload during the course was reasonable in relation to the extent of the course/number of credits awarded?	Number of responses
To a very small extent	5 (12.2%)
To a small extent	10 (24.4%)
To some extent	11 (26.8%)
To a large extent	11 (26.8%)
To a very large extent	4 (9.8%)
Total	41 (100.0%)

● To what extent do you feel that the workload …

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
To what extent do you feel that the workload during the course was reasonable in relation to the extent of the course/number of credits awarded?	3.0	1.2	40.1 %	1.0	2.0	3.0	4.0	5.0

The course structure and methods used (e.g. lectures, exercises, seminars, assignments etc.) were relevant in relation to the learning outcomes.

The course structure and methods used (e.g. lectures, exercises, seminars, assignments etc.) were relevant in relation to the learning outcomes.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	1 (2.4%)
to some extent	11 (26.8%)
to a large extent	21 (51.2%)
to a very large extent	8 (19.5%)
Total	41 (100.0%)

● The course structure and methods used (e.g....

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The course structure and methods used (e.g. lectures, exercises, seminars, assignments etc.) were relevant in relation to the learning outcomes.	3.9	0.7	19.3 %	2.0	3.0	4.0	4.0	5.0

**The examination was relevant in relation to the learning outcomes.**

The examination was relevant in relation to the learning outcomes.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	1 (2.5%)
to some extent	5 (12.5%)
to a large extent	21 (52.5%)
to a very large extent	13 (32.5%)
Total	40 (100.0%)
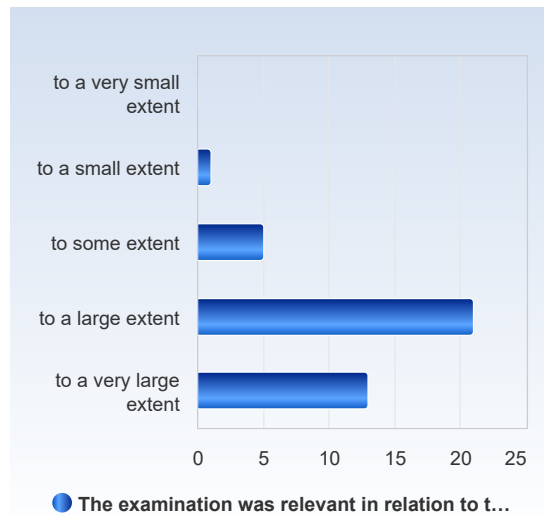
● The examination was relevant in relation to t...

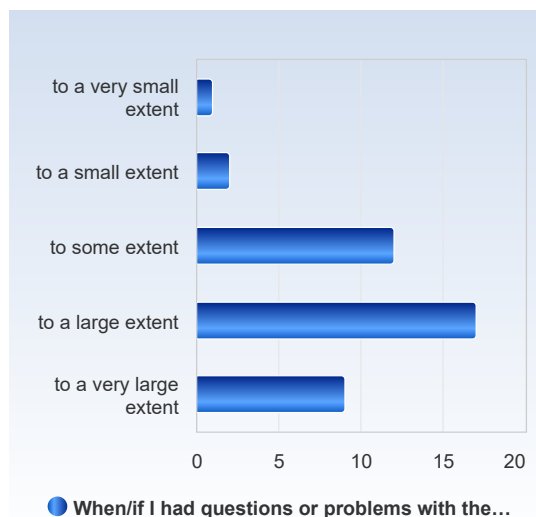|	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The examination was relevant in relation to the learning outcomes.	4.2	0.7	17.7 %	2.0	4.0	4.0	5.0	5.0

I took responsibility for my own learning during this course.

I took responsibility for my own learning during this course.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	0 (0.0%)
to some extent	8 (19.5%)
to a large extent	15 (36.6%)
to a very large extent	18 (43.9%)
Total	41 (100.0%)
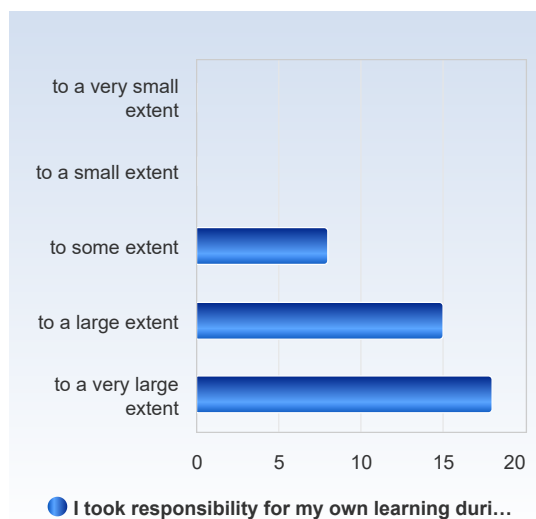
● I took responsibility for my own learning duri…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
I took responsibility for my own learning during this course.	4.2	0.8	18.1 %	3.0	4.0	4.0	5.0	5.0

When/if I had questions or problems with the course content, I felt that I could turn to my teacher /supervisor for guidance.

When/if I had questions or problems with the course content, I felt that I could turn to my teacher/supervisor for guidance.	Number of responses
to a very small extent	1 (2.4%)
to a small extent	2 (4.9%)
to some extent	12 (29.3%)
to a large extent	17 (41.5%)
to a very large extent	9 (22.0%)
Total	41 (100.0%)

● When/if I had questions or problems with the…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
When/if I had questions or problems with the course content, I felt that I could turn to my teacher /supervisor for guidance.	3.8	0.9	25.1 %	1.0	3.0	4.0	4.0	5.0

The feedback that I have received has been important for my development and learning.

The feedback that I have received has been important for my development and learning.	Number of responses
to a very small extent	3 (7.3%)
to a small extent	2 (4.9%)
to some extent	14 (34.1%)
to a large extent	15 (36.6%)
to a very large extent	7 (17.1%)
Total	41 (100.0%)
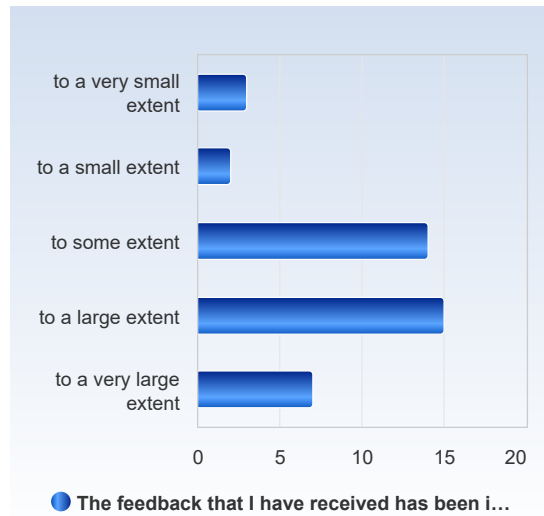
● The feedback that I have received has been i…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The feedback that I have received has been important for my development and learning.	3.5	1.1	30.6 %	1.0	3.0	4.0	4.0	5.0

What is your overall opinion of the course?

What is your overall opinion of the course?	Number of responses
very poor	0 (0.0%)
poor	2 (4.9%)
OK	13 (31.7%)
good	13 (31.7%)
very good	13 (31.7%)
Total	41 (100.0%)
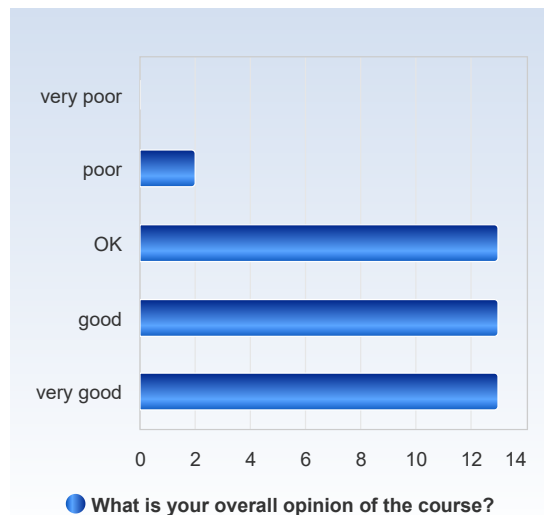
● What is your overall opinion of the course?

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
What is your overall opinion of the course?	3.9	0.9	23.5 %	2.0	3.0	4.0	5.0	5.0

Rate the following teaching modules
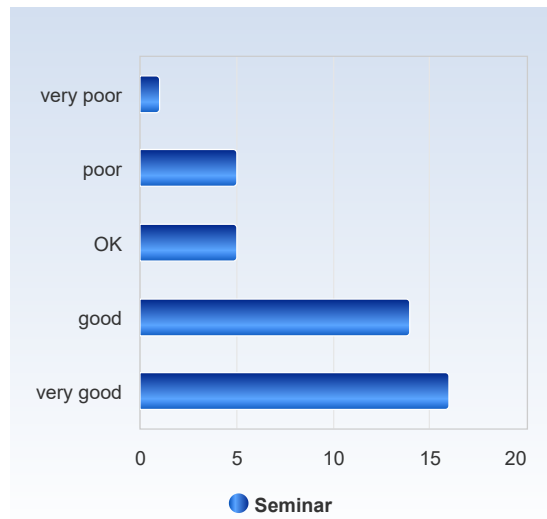
Lecture

Lecture	Number of responses
very poor	1 (2.4%)
poor	6 (14.6%)
OK	14 (34.1%)
good	15 (36.6%)
very good	5 (12.2%)
Total	41 (100.0%)
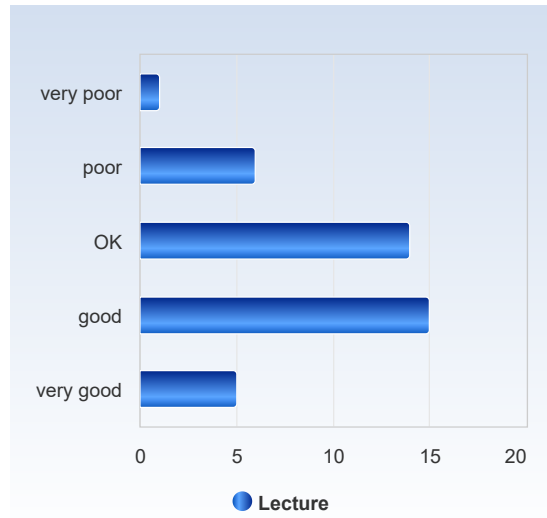
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Lecture	3.4	1.0	28.5 %	1.0	3.0	3.0	4.0	5.0

Seminar

Seminar	Number of responses
very poor	1 (2.4%)
poor	5 (12.2%)
OK	5 (12.2%)
good	14 (34.1%)
very good	16 (39.0%)
Total	41 (100.0%)

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Seminar	4.0	1.1	28.3 %	1.0	3.0	4.0	5.0	5.0

Self-Study

Self-Study	Number of responses
very poor	1 (2.5%)
poor	4 (10.0%)
OK	14 (35.0%)
good	16 (40.0%)
very good	5 (12.5%)
Total	40 (100.0%)
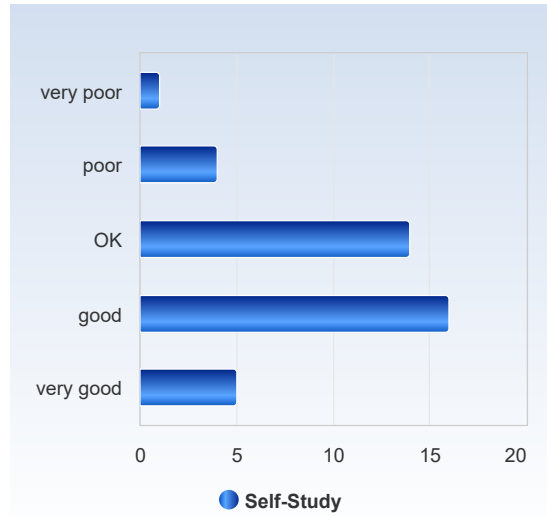
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Self-Study	3.5	0.9	26.7 %	1.0	3.0	4.0	4.0	5.0

Labs

Labs	Number of responses
very poor	0 (0.0%)
poor	0 (0.0%)
OK	3 (7.3%)
good	21 (51.2%)
very good	17 (41.5%)
Total	41 (100.0%)
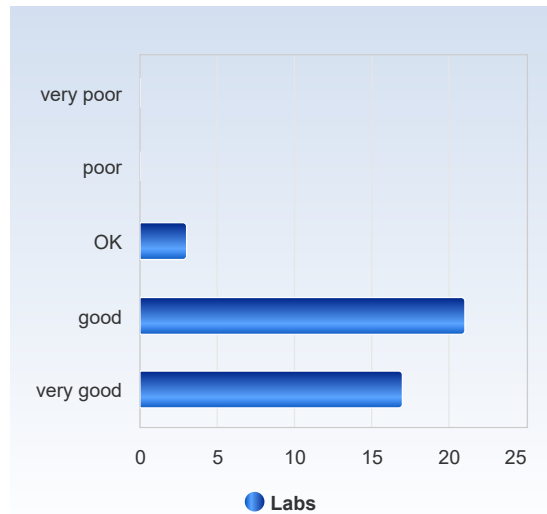
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Labs	4.3	0.6	14.2 %	3.0	4.0	4.0	5.0	5.0

Intermediate Test

Intermediate Test	Number of responses
very poor	1 (2.5%)
poor	1 (2.5%)
OK	5 (12.5%)
good	16 (40.0%)
very good	17 (42.5%)
Total	40 (100.0%)
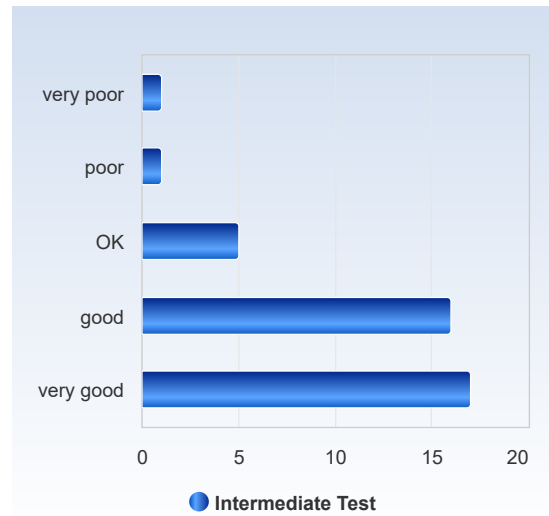
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Intermediate Test	4.2	0.9	22.3 %	1.0	4.0	4.0	5.0	5.0

Final Exam

Final Exam	Number of responses
very poor	1 (2.4%)
poor	1 (2.4%)
OK	9 (22.0%)
good	20 (48.8%)
very good	10 (24.4%)
Total	41 (100.0%)
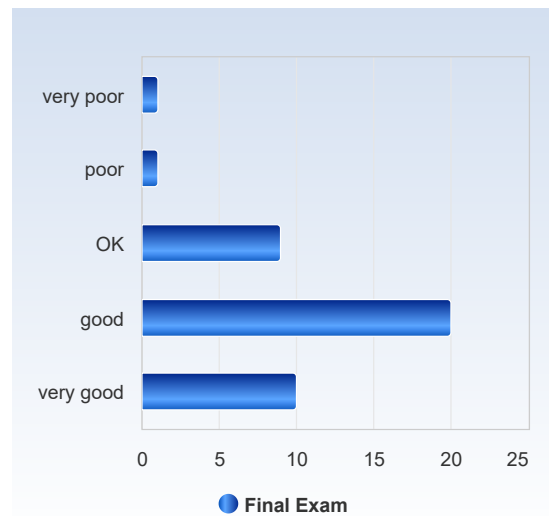
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Final Exam	3.9	0.9	22.8 %	1.0	3.0	4.0	4.0	5.0

For the entire course rate the attitude of the people (staff) you have been in contact with the MBB on the course.

Course leader (Bernhard Lohkamp)

Course leader (Bernhard Lohkamp)	Number of responses
very poor	0 (0.0%)
poor	2 (4.9%)
OK	1 (2.4%)
good	11 (26.8%)
very good	27 (65.9%)
Total	41 (100.0%)
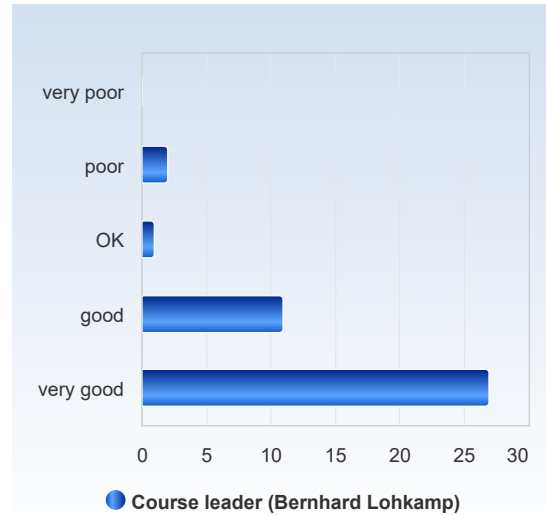
Course leader (Bernhard Lohkamp)

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Course leader (Bernhard Lohkamp)	4.5	0.8	17.1 %	2.0	4.0	5.0	5.0	5.0

Lecturers

Lecturers	Number of responses
very poor	0 (0.0%)
poor	1 (2.4%)
OK	11 (26.8%)
good	21 (51.2%)
very good	8 (19.5%)
Total	41 (100.0%)
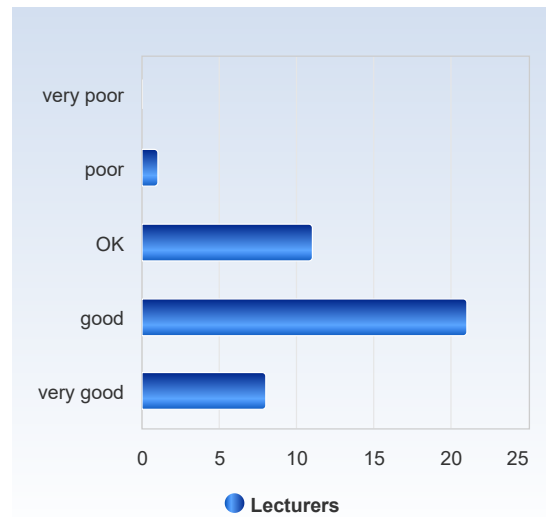
Lecturers

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Lecturers	3.9	0.7	19.3 %	2.0	3.0	4.0	4.0	5.0

Seminar teachers

Seminar teachers	Number of responses
very poor	0 (0.0%)
poor	6 (14.6%)
OK	3 (7.3%)
good	19 (46.3%)
very good	13 (31.7%)
Total	41 (100.0%)
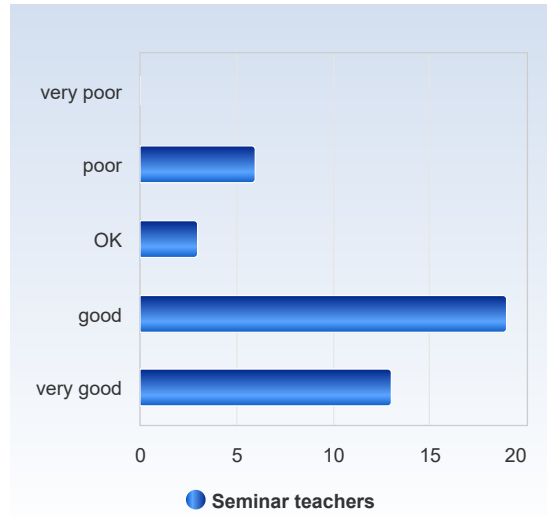
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Seminar teachers	4.0	1.0	25.3 %	2.0	4.0	4.0	5.0	5.0

Self-Study help teachers

Self-Study help teachers	Number of responses
very poor	0 (0.0%)
poor	3 (7.5%)
OK	9 (22.5%)
good	14 (35.0%)
very good	14 (35.0%)
Total	40 (100.0%)
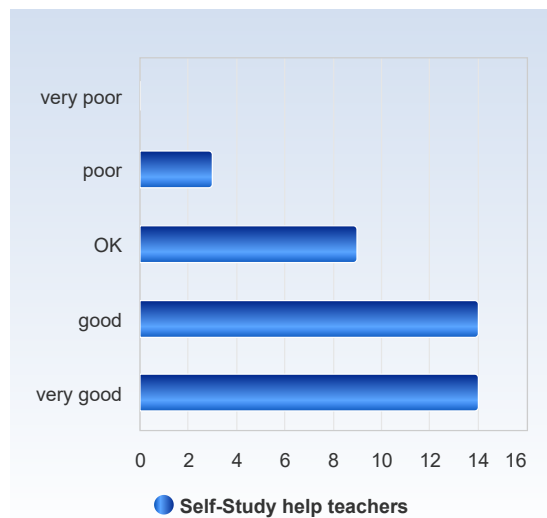
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Self-Study help teachers	4.0	0.9	23.8 %	2.0	3.0	4.0	5.0	5.0

Lab teachers

Lab teachers	Number of responses
very poor	1 (2.5%)
poor	1 (2.5%)
OK	4 (10.0%)
good	19 (47.5%)
very good	15 (37.5%)
Total	40 (100.0%)
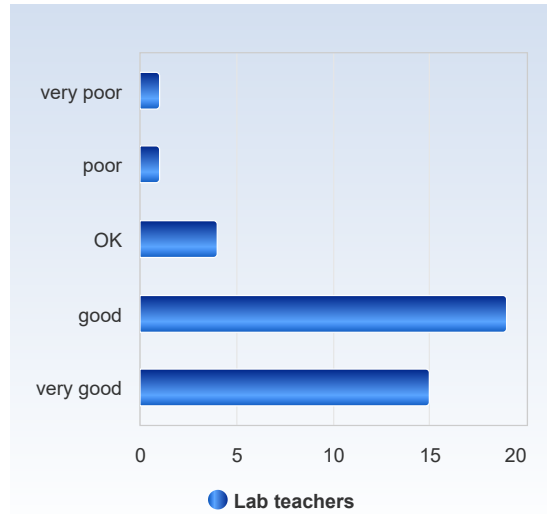
Lab teachers

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Lab teachers	4.2	0.9	21.5 %	1.0	4.0	4.0	5.0	5.0

Course administrator (Anurupa Nagchowdhury)

Course administrator (Anurupa Nagchowdhury)	Number of responses
very poor	0 (0.0%)
poor	0 (0.0%)
OK	7 (19.4%)
good	12 (33.3%)
very good	17 (47.2%)
Total	36 (100.0%)
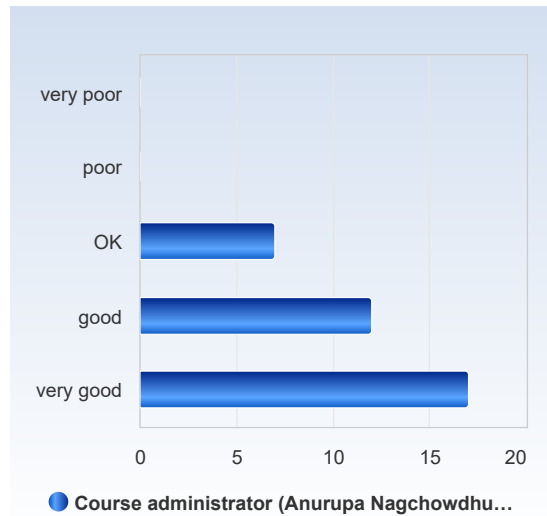
Course administrator (Anurupa Nagchowdhu…

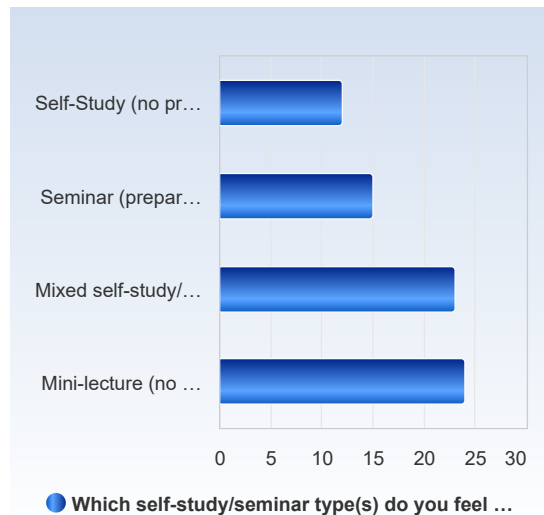|	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Course administrator (Anurupa Nagchowdhury)	4.3	0.8	18.2 %	3.0	4.0	4.0	5.0	5.0

Course lab (Michaela Mårback & Annika Olsson)

Course lab (Michaela Mårback & Annika Olsson)	Number of responses
very poor	0 (0.0%)
poor	0 (0.0%)
OK	5 (13.5%)
good	13 (35.1%)
very good	19 (51.4%)
Total	37 (100.0%)
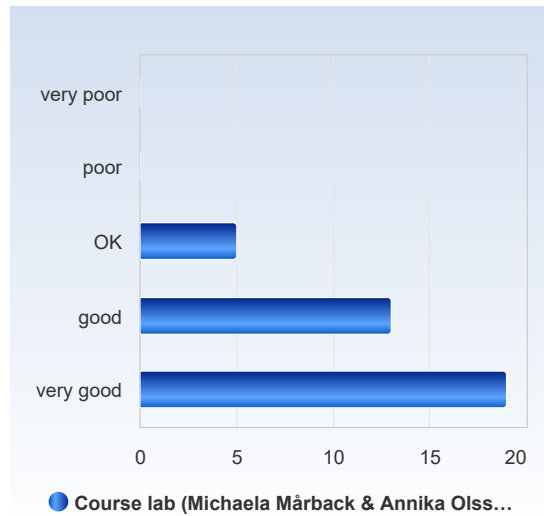
● **Course lab (Michaela Mårback & Annika Olss…**

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Course lab (Michaela Mårback & Annika Olsson)	4.4	0.7	16.5 %	3.0	4.0	5.0	5.0	5.0

Which self-study/seminar type(s) do you feel is/are most suited to your learning?
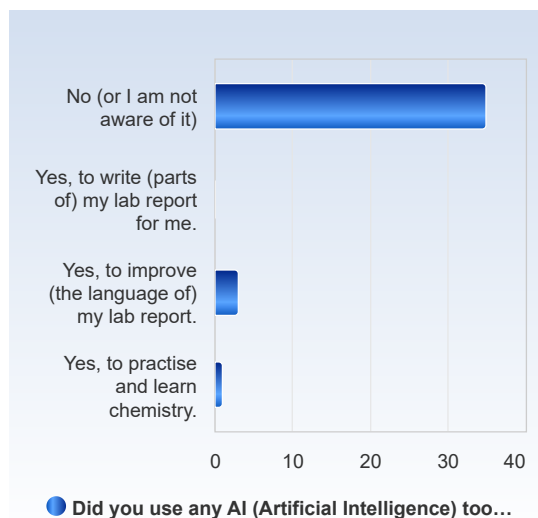
Which self-study/seminar type(s) do you feel is/are most suited to your learning?	Number of responses
Self-Study (no preparation; work with lecture material and/or set questions; teacher available for help)	12 (30.0%)
Seminar (prepare answers before; discuss questions/answer with teacher and peers)	15 (37.5%)
Mixed self-study/seminar (preparation voluntary; work on questions in groups, groups present answers; teacher to help and discuss)	23 (57.5%)
Mini-lecture (no preparation; teacher goes through Q&As with explanations/theory)	24 (60.0%)
Total	74 (185.0%)

● **Which self-study/seminar type(s) do you feel …**

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Which self-study /seminar type(s) do you feel is/are most suited to your learning?	2.8	1.1	38.3 %	1.0	2.0	3.0	4.0	4.0

Did you use any AI (Artificial Intelligence) tool(s) such as ChatGPT, Bard, Bing AI etc. during the course? NB: the survey is anonymous!! So, it is guaranteed that your answer has no influence on lab report or course grading. Please answer honestly.

Did you use any AI (Artificial Intelligence) tool(s) such as ChatGPT, Bard, Bing AI etc. during the course? NB: the survey is anonymous!! So, it is guaranteed that your answer has no influence on lab report or course grading. Please answer honestly.	Number of responses
No (or I am not aware of it)	35 (89.7%)
Yes, to write (parts of) my lab report for me.	0 (0.0%)
Yes, to improve (the language of) my lab report.	3 (7.7%)
Yes, to practise and learn chemistry.	1 (2.6%)
Total	39 (100.0%)

🔵 Did you use any AI (Artificial Intelligence) too…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Did you use any AI (Artificial Intelligence) tool(s) such as ChatGPT, Bard, Bing AI etc. during the course? NB: the survey is anonymous!! So, it is guaranteed that your answer has no influence on lab report or course grading. Please answer honestly.	1.2	0.7	57.3 %	1.0	1.0	1.0	1.0	4.0