

Course evaluation GEOM 12

Comment on the course evaluation of GEOM12, fall 2023

See the full evaluation page 3 to 20.

13 of 13 students answered the course evaluation.

The course was held under this format for the seventh time. Overall the course received an excellent rating of 4.8 on a scale 1-5 (5 being the highest) (2017: 4.4; 2018: 4.3; 2019: 4.7; 2020: 4.2; 2021: 4.6; 2022: 4.8). We have observed an increase in satisfaction over the past few years as we continue to strive to improve our course. The field excursions in Austria, Skåne, and Denmark were considered the highlights of the course. The various practical exercises were also highly appreciated. Most of the exercises and lectures also received very high ratings. The professors' openness to students' questions, the diversity of topics, the course materials, and the level of detail were also praised. As a final comment, one student stated: "Awesome course. Would recommend 10/10 and would take again," which summarizes the overall sentiments of the students.

The personal project (myBasin) also received a high rating, with some students expressing enthusiasm. Past complaints about unclear instructions in the written part of the project seem to have been resolved since last year. However, one student thought it required too much effort compared to what they gained from it. On the other hand, some students appreciated not only the opportunity to link different parts of the teaching but also that the project helped them enhance their ability to search for sources and gain insight into large-scale areas.

The lectures were mostly praised as being informative and at a good level, but some were considered to be held at too fast a pace, and the three-hour blocks were deemed too long. The "paleoenvironmental proxies" week was a source of frustration in previous years. It seems that the rearrangement of the week from last year has been successful, as there were no more complaints this year. The "diagenesis" lecture appears to have been delivered at too fast a pace, and the slides should contain more self-explanatory text. The separation between siliclastic and carbonate systems in the sequence stratigraphy course needs to be made more clearly, as this lack of clarity was perceived as leading to an inadequate weighting of this part in the examination, which needs to be corrected next year.

Next year, we will organize the course into two-hour blocks, reducing the content for most sessions and increasing it for some (like diagenesis) to two blocks each. This should address most of the issues highlighted here. Moreover, it should increase the time available for self-study, which has been requested.

There is always tension in the responses between seeking more input and reducing the workload, and this problem is difficult to resolve. The fact that some students found the lectures too easy while others found them too demanding is interpreted as indicating a good balance. This year, we increased the subject of "carbon capture and storage," which was successful. However, there is a strong demand for more focus on siliclastic and continental sedimentology, which are not the main focus of the course or our research. We will mainly try to enhance this aspect through exercises such as sequence stratigraphy and core exercises. Some PowerPoint presentations are considered to be lacking in information for exam revision. Although we updated the literature list last year, it seems we still need to better link teaching material and the literature list.

The examination and grading system have been considered the most problematic part of the course in recent years. We have made changes, giving less weight to the exam and more to the field and exercise reports. There were no remarks on the weight of the different parts of the grading system this year; it seems we have reached a good equilibrium.

In summary, here are the improvements to be made for next year:

- Transition from three-hour blocks to two-hour blocks and increase self-study time.
- Decrease the teaching speed for the diagenesis lecture.
- Ensure better weighting of both siliclastic and carbonatic aspects in both lectures and exams on sequence stratigraphy.
- Incorporate more siliclastic themes, among others, in the core exercises.
- Review all slides and correct any grammatical mistakes.

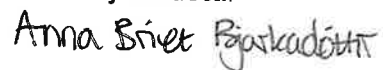
Lund, 2023. 04. 14

Sylvain Richoz, course coordinator



Read and approved by the student's course representative:

Anna-Briët Bjarkadóttir



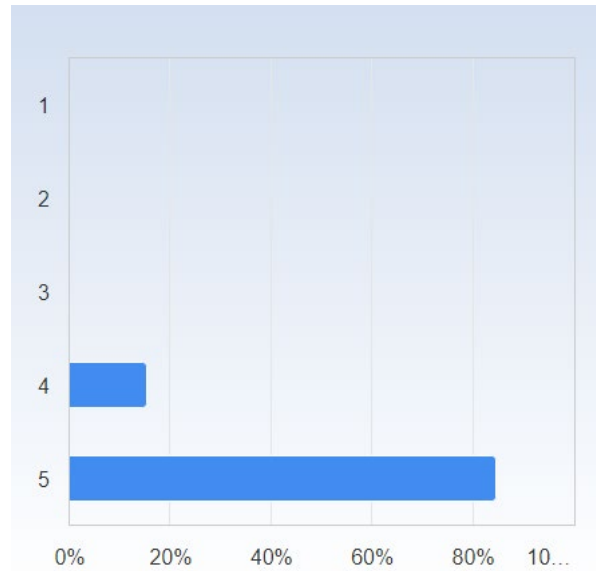
Course evaluation GEOM 13

Grading system

Please grade the statements below from 1-5: Disagree (1) – Agree (5)

Overall, I was satisfied with the quality of this course.

Overall, I was satisfied with the quality of this course.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	2 (15.4%)
5	11 (84.6%)
Total	13 (100.0%)

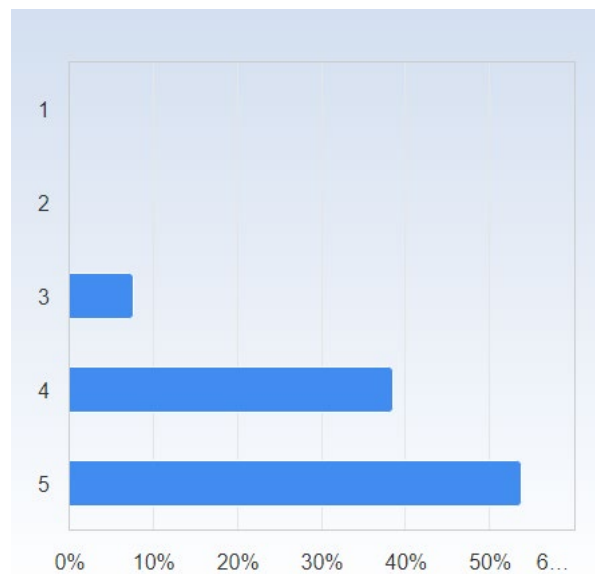


	Mean	Standard Deviation
Overall, I was satisfied with the quality of this course.	4.8	0.4

Clear Goals and Standard

I usually had a clear idea of where I was going and what was expected of me in this course.

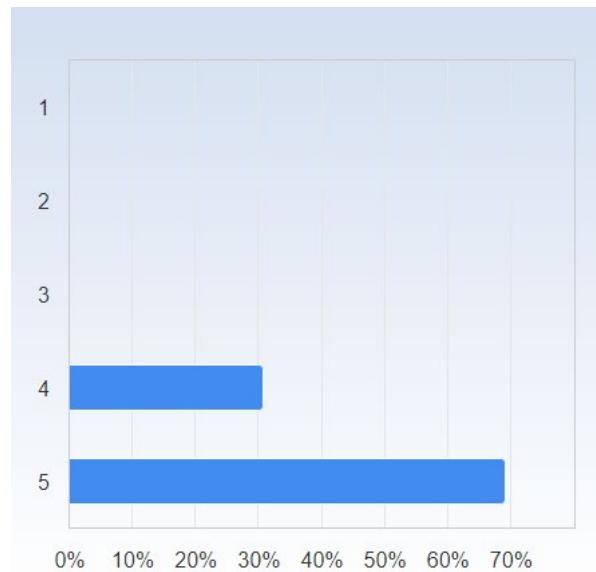
I usually had a clear idea of where I was going and what was expected of me in this course.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (7.7%)
4	5 (38.5%)
5	7 (53.8%)
Total	13 (100.0%)



	Mean	Standard Deviation
I usually had a clear idea of where I was going and what was expected of me in this course.	4.5	0.7

Did the course fulfil what the course plan stated ?

Did the course fulfil what the course plan stated ?	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	4 (30.8%)
5	9 (69.2%)
Total	13 (100.0%)



	Mean	Standard Deviation
Did the course fulfil what the course plan stated ?	4.7	0.5

Comments

More siliciclastics would be nice

What do you think was best with the course?

The Alps trip really stood out. It was really good to be able to see what we had been talking about in context.

I think the overall structure of the course was the best. It was so well thought-through, following a good flow of building up our knowledge. Then of course The Alps was an incredible experience, allowing us to use previous knowledge as well as learning so much first hand in the field.

The lectures covered all the things that was discussed during the field trips and the exam which was good. The lectures were also given in a logical order so it was easy to follow the progression of the course. Also, the field trips (especially the Alps) was a great way of getting an overview of the sedimentary systems in a basin.

Both Sylvain and Mikael were very friendly and approachable lecturers and The alps fieldtrip was amazing

The Alps excursion was the best. It was very fun and educational. It was really good to have some real in the field geology with the theory we learnt before.

the austria trip was great and helped conceptualize things learned in class. also great class bonding.

The hands-on exercises.

The three field trips and excursions within the course were the best way to see how all the theory regarding sedimentary structures and depositional settings is seen in real life on the field.

The drillcore exercises were helpful. The alps excursion was also good.

The field trip to the Alps, not just because it was really fun but also because seeing the stuff from the lectures in the field really helped me understand the processes.

I think the best thing was the field trips since it is way better to see sedimentary formations and processes in the real world, also it creates a bond between the people who participate , making the course much more enjoyable

The professors are both very patient in answering questions. And the MyBasin project do help me to enhance my ability in searching sources and having an good insight of large scale areas.

Trip to the Alps!

What do you think was bad in this course?

What do you think was bad in this course?

Nothing was really bad. For me it was pretty perfect.

The lectures were a bit fast paced at times which made it hard to follow sometimes.

The sequence stratigraphy lectures didn't really discuss siliciclastics but only carbonates, but the exam was basically only siliciclastics. The instructions on the MyBasin report weren't very clear often.

Nothing

too much focus on carbonates and coastal systems. there is a lot of sedimentology inland as well that we barely discussed if at all (ex. rivers, alluvial fans, aeolian, etc). this made it more difficult to interpret/understand those when encountered in our basin and on the exam

The study time for exam should have been more.

The course is way too biased towards marine environments and carbonates, leaving behind continental and deltaic environments.

The mybasin project took up too much time compared to the amount I learned

The information load in the lectures was sometimes a bit much to be able to focus throughout the whole lecture.

I think we didn't have a clear indication of how much of self studying we should do, as I found out the course needed way more than the time for self studying in canvas

To me, the lectures were quite intense in a row of 3 hours. I can't really concentrate in the last one sometimes.

I don't really think that there was something bad in this course so I have nothing to say here.

Do you have any proposition to improve the course?

Do you have any proposition to improve the course?

No, not really.

It would have been good to have more text in some of the PowerPoints. Also, to slow down the pace of the lectures (carbonates, Diagenesis etc.) would be good.

no

the sequence stratigraphy part of the exam was too heavy on memorization and not enough interpretation

The workload is not even between the different lectures and topics.

Put less emphasis on my basin, maybe only a presentation.

More interactive lectures would help but I'm also aware that it's hard to fit all the content in that case.

I would give this course 2-3 more weeks of lectures in order to do some chapters more in detail, for example the proxies which were too many in little time

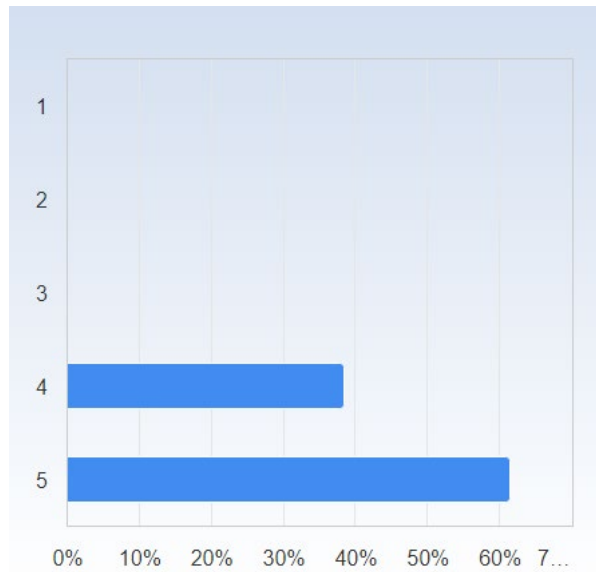
Correct some grammar/ spelling mistakes in the slides and maybe add more interpretation on it. It will help students to revise better.

To move the exam with 3-4 days. It was pretty intense when we got back home from the Alps. After the exam we had (not that I'm complaining about that) more time than necessary to finish my basin.

Lectures and exercise

Introduction week and sedimentary basin

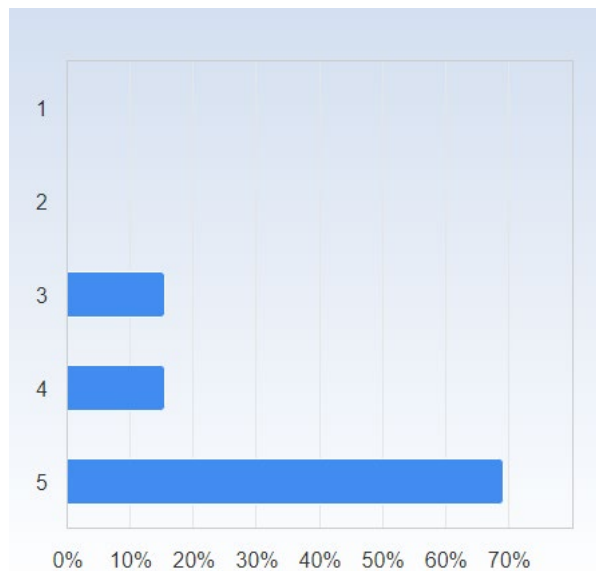
Introduction week and sedimentary basin	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	5 (38.5%)
5	8 (61.5%)
Total	13 (100.0%)



	Mean	Standard Deviation
Introduction week and sedimentary basin	4.6	0.5

Sequence Stratigraphy, seismic and well logging

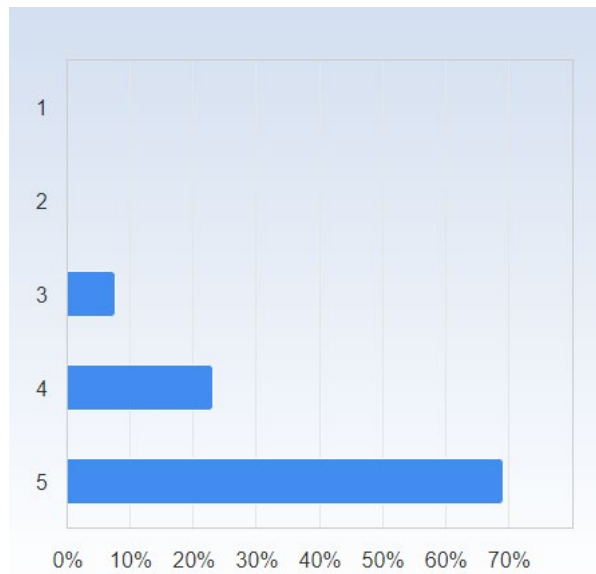
Sequence Stratigraphy, seismic and well logging	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (15.4%)
4	2 (15.4%)
5	9 (69.2%)
Total	13 (100.0%)



	Mean	Standard Deviation
Sequence Stratigraphy, seismic and well logging	4.5	0.8

Sequence Stratigraphy and well logging exercise

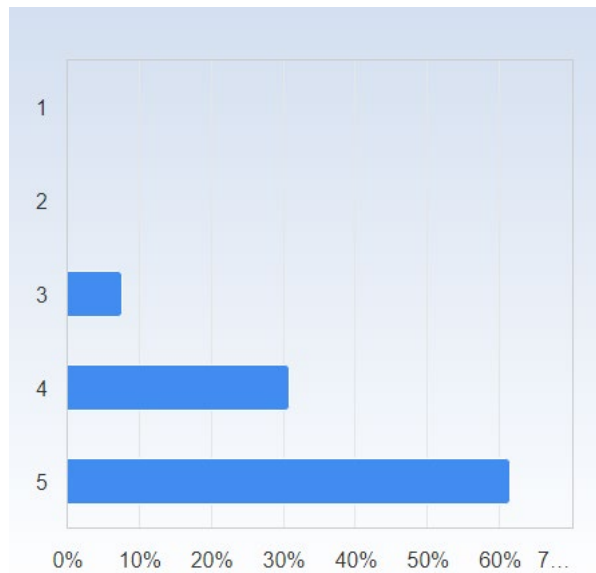
Sequence Stratigraphy and well logging exercise	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (7.7%)
4	3 (23.1%)
5	9 (69.2%)
Total	13 (100.0%)



	Mean	Standard Deviation
Sequence Stratigraphy and well logging exercise	4.6	0.7

Cool and warm Water Carbonate

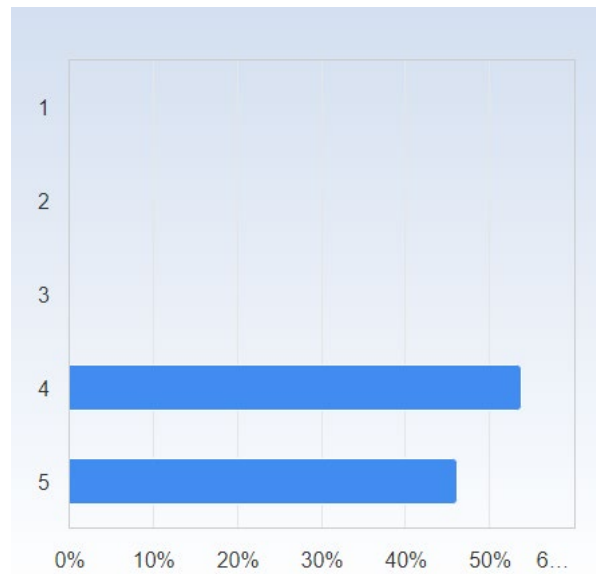
Cool and warm Water Carbonate	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (7.7%)
4	4 (30.8%)
5	8 (61.5%)
Total	13 (100.0%)



	Mean	Standard Deviation
Cool and warm Water Carbonate	4.5	0.7

Core exercises

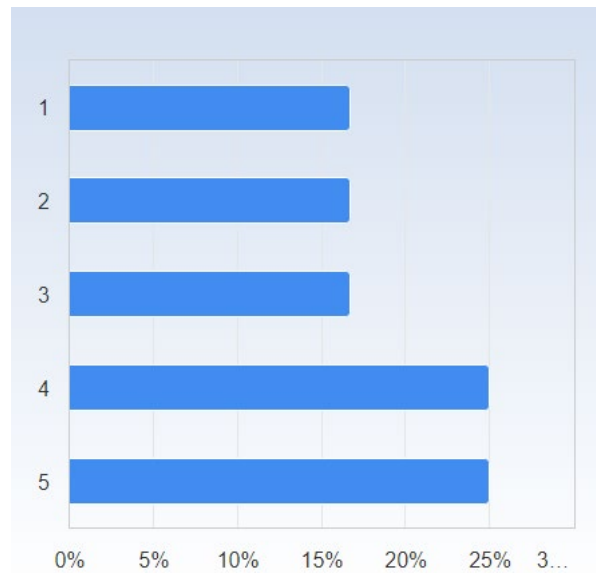
Core exercises	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	7 (53.8%)
5	6 (46.2%)
Total	13 (100.0%)



	Mean	Standard Deviation
Core exercises	4.5	0.5

Alluvial-Deltaic sediments

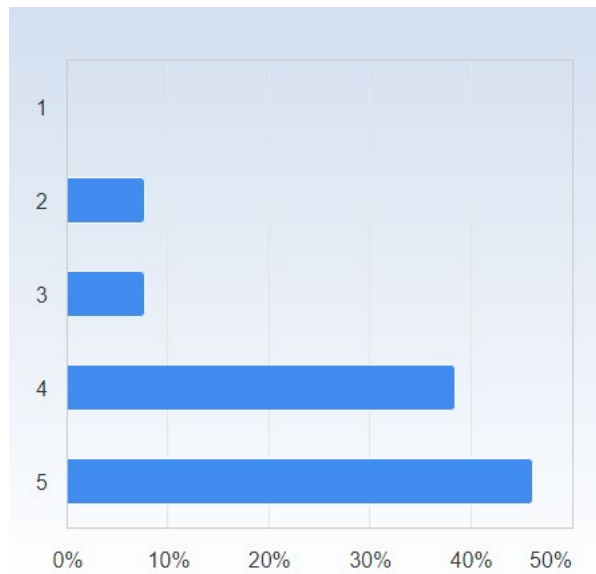
Alluvial-Deltaic sediments	Number of responses
1	2 (16.7%)
2	2 (16.7%)
3	2 (16.7%)
4	3 (25.0%)
5	3 (25.0%)
Total	12 (100.0%)



	Mean	Standard Deviation
Alluvial-Deltaic sediments	3.2	1.5

Geoenergy

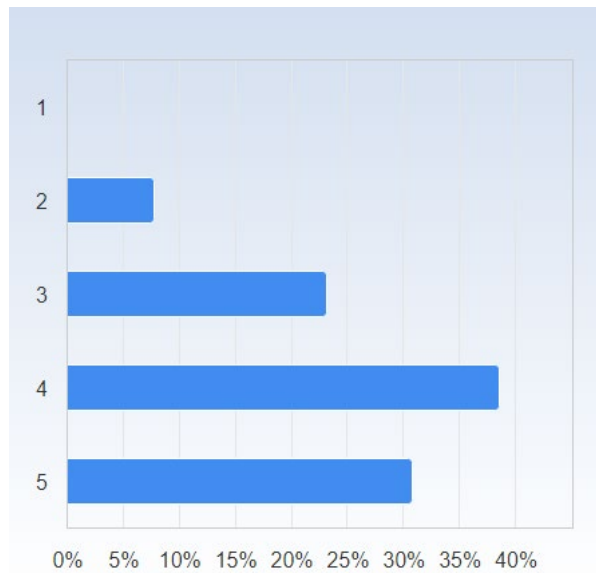
Geoenergy	Number of responses
1	0 (0.0%)
2	1 (7.7%)
3	1 (7.7%)
4	5 (38.5%)
5	6 (46.2%)
Total	13 (100.0%)



	Mean	Standard Deviation
Geoenergy	4.2	0.9

Proxies for paleoenvironmental changes

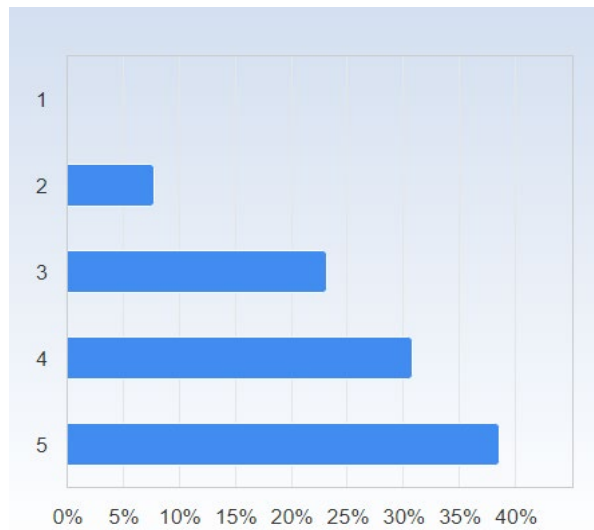
Proxies for paleoenvironmental changes	Number of responses
1	0 (0.0%)
2	1 (7.7%)
3	3 (23.1%)
4	5 (38.5%)
5	4 (30.8%)
Total	13 (100.0%)



	Mean	Standard Deviation
Proxies for paleoenvironmental changes	3.9	1.0

Proxies for paleoenvironmental changes exercise

Proxies for paleoenvironmental changes exercise	Number of responses
1	0 (0.0%)
2	1 (7.7%)
3	3 (23.1%)
4	4 (30.8%)
5	5 (38.5%)
Total	13 (100.0%)

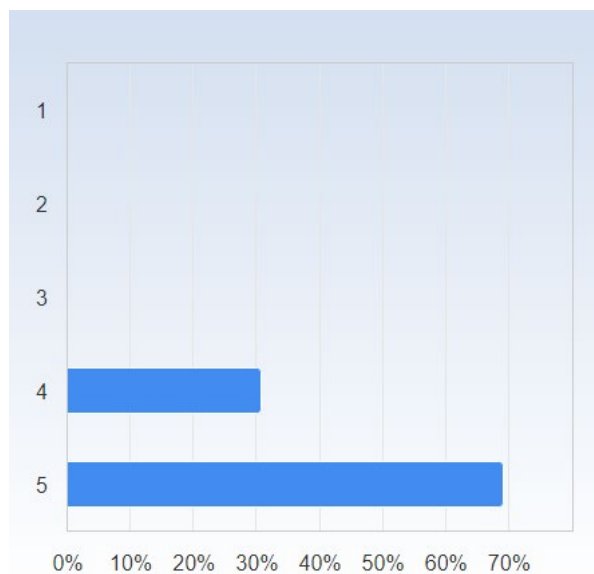


	Mean	Standard Deviation
Proxies for paleoenvironmental changes exercise	4.0	1.0
Comments		
The diagenesis lecture was really confusing when going back through it for the exam		
very little focus on siliciclastics, proxies were difficult to understand, core exercises were a bit repetitive (maybe would have been good to see more types of sediment/sedimentary rock and different types of systems)		
The exercise covered almost all aspects, but sometimes quite struggling.		

Excursions

Stevens Klint excursion

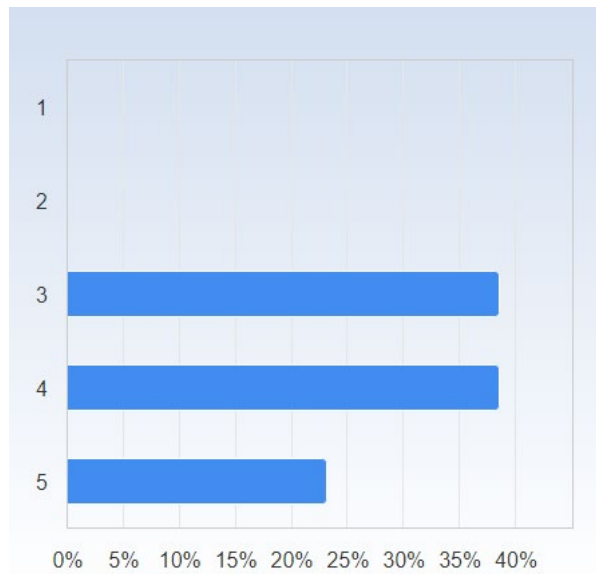
Stevens Klint excursion	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	4 (30.8%)
5	9 (69.2%)
Total	13 (100.0%)



	Mean	Standard Deviation
Stevens Klint excursion	4.7	0.5

Continental-coastal deposits (Skrylle) excursion

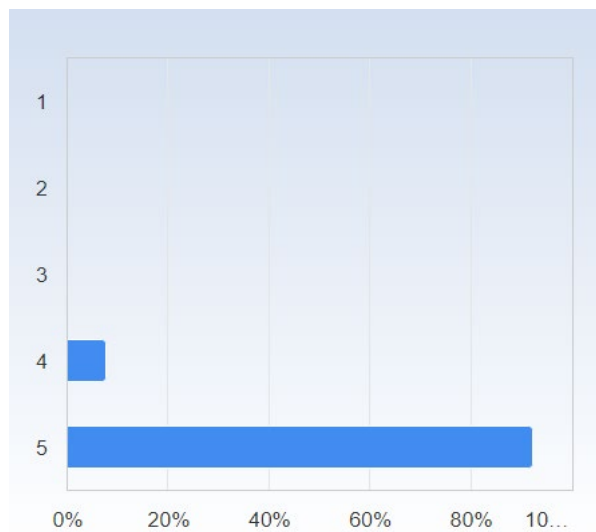
Continental-coastal deposits (Skrylle) excursion	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	5 (38.5%)
4	5 (38.5%)
5	3 (23.1%)
Total	13 (100.0%)



	Mean	Standard Deviation
Continental-coastal deposits (Skrylle) excursion	3.8	0.8

Alps excursion

Alps excursion	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (7.7%)
5	12 (92.3%)
Total	13 (100.0%)



	Mean	Standard Deviation
Alps excursion	4.9	0.3

Comments

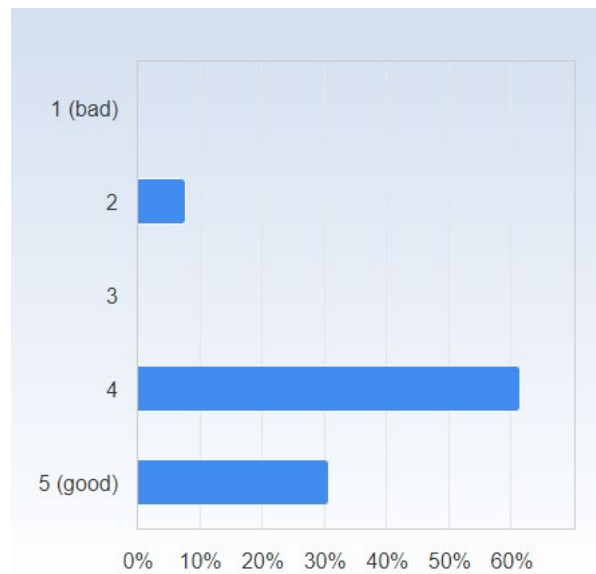
Maybe the Skrylle excursion did not give SO much, but as always it was nice to be out in the field and I think we all learn hummocky cs.

Alps were the best place ive ever been and we learned so many things

The Alps, legend!!! Best field trip ever!!!

My basin

My basin	Number of responses
1 (bad)	0 (0.0%)
2	1 (7.7%)
3	0 (0.0%)
4	8 (61.5%)
5 (good)	4 (30.8%)
Total	13 (100.0%)



	Mean	Standard Deviation
My basin	4.2	0.8

Comments

a lot of information to cover in 8 pages

A sedimentological subject what you are missing :

A sedimentological subject what you are missing :

More about alluvial sediment.

no

siliciclastics and inland sediment systems

More lectures or exercises regarding geothermal, carbon storage and other potential uses for the basins

More siliciclastics

I was missing the siliciclastics, there was a heavy focus on carbonates.

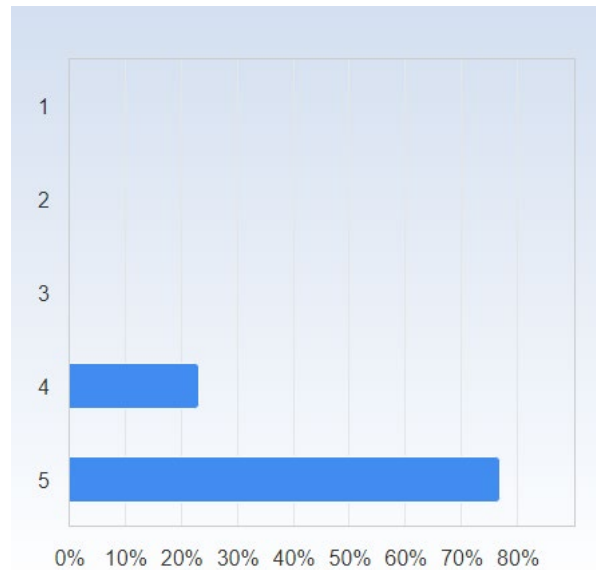
Ahhh I don't really remember ;(

Pedagogical skills of the teacher

Good Teaching scale

The teaching staff of this course motivated me to do my best work.

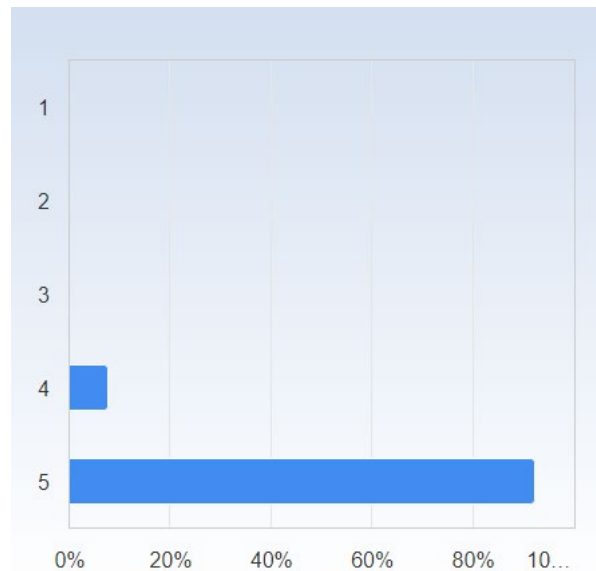
The teaching staff of this course motivated me to do my best work.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	3 (23.1%)
5	10 (76.9%)
Total	13 (100.0%)



	Mean	Standard Deviation
The teaching staff of this course motivated me to do my best work.	4.8	0.4

The teaching staff normally gave me helpful feedback and was sufficiently at my disposition if I needed

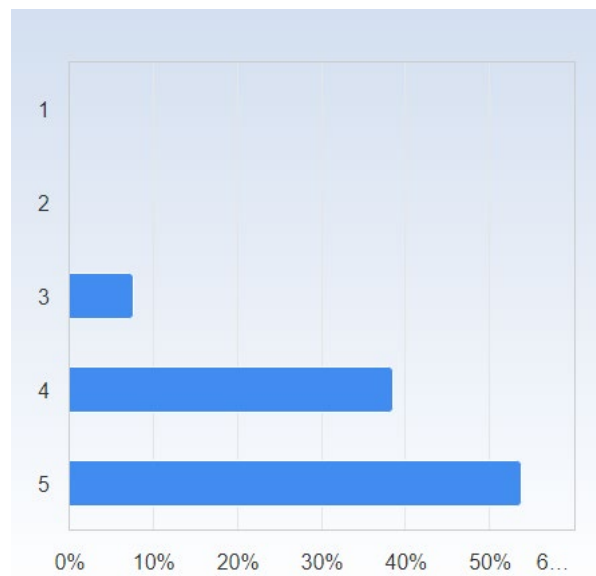
The teaching staff normally gave me helpful feedback and was sufficiently at my disposition if I needed	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (7.7%)
5	12 (92.3%)
Total	13 (100.0%)



	Mean	Standard Deviation
The teaching staff normally gave me helpful feedback and was sufficiently at my disposition if I needed	4.9	0.3

The lectures have been understandable

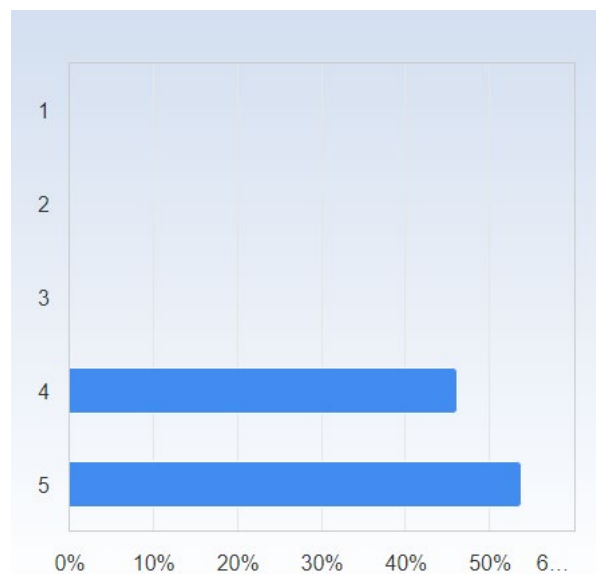
The lectures have been understandable	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (7.7%)
4	5 (38.5%)
5	7 (53.8%)
Total	13 (100.0%)



	Mean	Standard Deviation
The lectures have been understandable	4.5	0.7

The level of difficulties was adequate

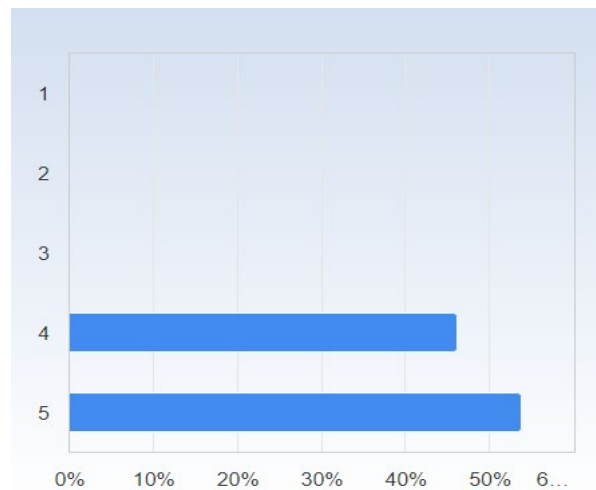
The level of difficulties was adequate	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	6 (46.2%)
5	7 (53.8%)
Total	13 (100.0%)



	Mean	Standard Deviation
The level of difficulties was adequate	4.5	0.5

Was the support material (cours hand-outs, litterature, instructions) sufficient ?

Was the support material (cours hand-outs, litterature, instructions) sufficient ?	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	6 (46.2%)
5	7 (53.8%)
Total	13 (100.0%)

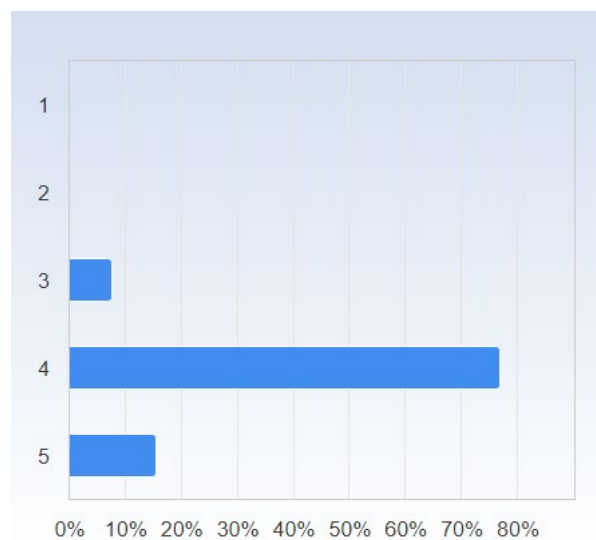


	Mean	Standard Deviation
Was the support material (cours hand-outs, litterature, instructions) sufficient ?	4.5	0.5

Working load and assesment criteria

How was the Schedule of the course

How was the Schedule of the course	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (7.7%)
4	10 (76.9%)
5	2 (15.4%)
Total	13 (100.0%)



	Mean	Standard Deviation
How was the Schedule of the course	4.1	0.5

comments

Sometimes the lectures were very long and hard to follow

It would have been nice with maybe a little bit more self-studying during an earlier part of the course.

We had a lot of back to back 3 hour lectures, which is a very long time to concentrate

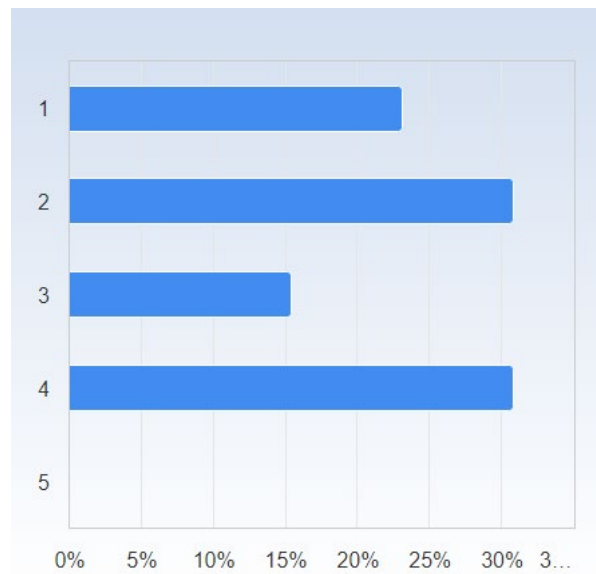
the weeks were a bit uneven - some were really heavy on lectures and time in class and some were very light

It was sometimes overwhelming with the number of lectures and workload

Appropriate Workload

The workload was too heavy.

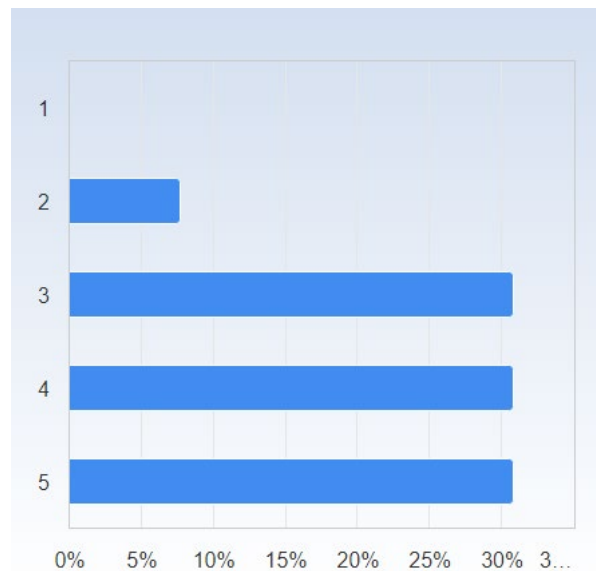
The workload was too heavy.	Number of responses
1	3 (23.1%)
2	4 (30.8%)
3	2 (15.4%)
4	4 (30.8%)
5	0 (0.0%)
Total	13 (100.0%)



	Mean	Standard Deviation
The workload was too heavy.	2.5	1.2

I was generally given enough time to understand the things I had to learn.

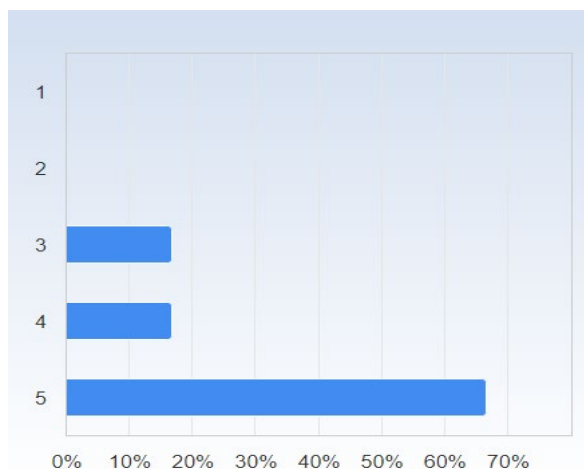
I was generally given enough time to understand the things I had to learn.	Number of responses
1	0 (0.0%)
2	1 (7.7%)
3	4 (30.8%)
4	4 (30.8%)
5	4 (30.8%)
Total	13 (100.0%)



	Mean	Standard Deviation
I was generally given enough time to understand the things I had to learn.	3.8	1.0

The weighing of the assessment criteria (exam 50%), core exercise report (10%), Alps excursion report (15%); Mybasin project (25%) was appropriate

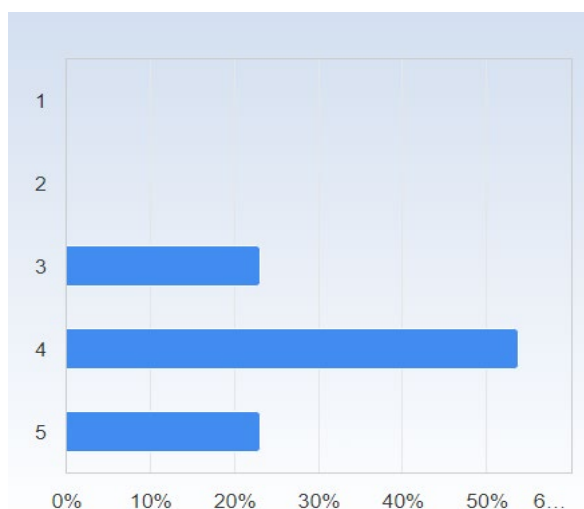
The weighing of the assessment criteria (exam 50%), core exercise report (10%), Alps excursion report (15%); Mybasin project (25%) was appropriate	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (16.7%)
4	2 (16.7%)
5	8 (66.7%)
Total	12 (100.0%)



	Mean	Standard Deviation
The weighing of the assessment criteria (exam 50%), core exercise report (10%), Alps excursion report (15%); Mybasin project (25%) was appropriate	4.5	0.8

Appropriate Assessment

The written exam was adapted to control the knowledge I gained during this course	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	3 (23.1%)
4	7 (53.8%)
5	3 (23.1%)
Total	13 (100.0%)



	Mean	Standard Deviation
The written exam was adapted to control the knowledge I gained during this course	4.0	0.7

Comments

Sylvain's part of the exam really fit what he went through in lectures but Mikael's part did not, we barely spoke about siliciclastic sequence stratigraphy.

the siliciclastic interpretation question was something we barely discussed in class, and there was nothing about interpreting a carbonate platform/shelf which we spent most of our time on. in general the second half of the exam was only on things discussed in about one week of the course.

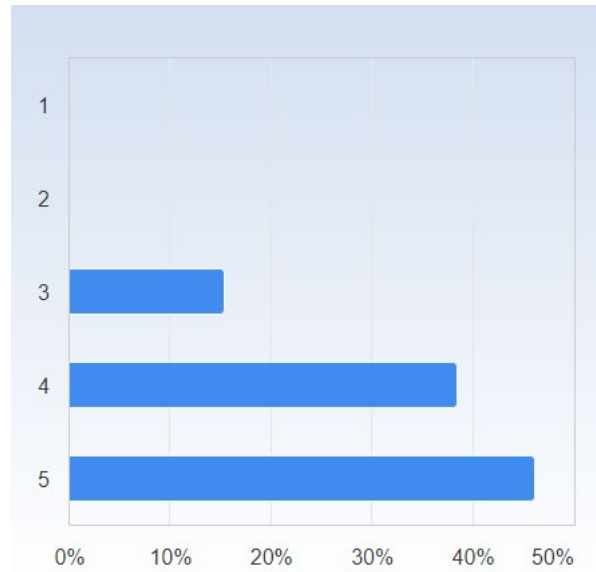
Some of the questions in the exam asked about topics barely discussed in the lectures and throughout the course

In general yes, but i would expect a question about carbonate platforms since we spent so much time in them and not so much in the siliciclastics. I think the aim of a written exam is to see if students understood what was mainly presented and not to answer questions on subjects that were not so much of a gravity

Generic Skills

The course developed my analytical and problem-solving skills

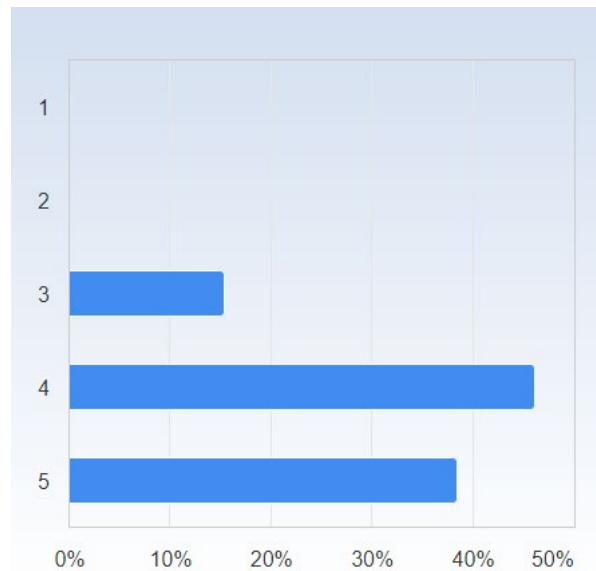
The course developed my analytical and problem-solving skills	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (15.4%)
4	5 (38.5%)
5	6 (46.2%)
Total	13 (100.0%)



	Mean	Standard Deviation
The course developed my analytical and problem-solving skills	4.3	0.8

The course helped me develop my ability to work as a team member.

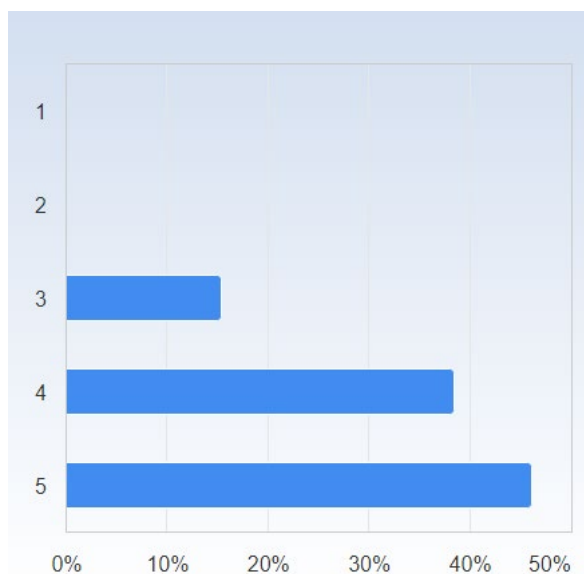
The course helped me develop my ability to work as a team member.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (15.4%)
4	6 (46.2%)
5	5 (38.5%)
Total	13 (100.0%)



	Mean	Standard Deviation
The course helped me develop my ability to work as a team member.	4.2	0.7

The course improved my skills in communication, in writing or in oral presentations

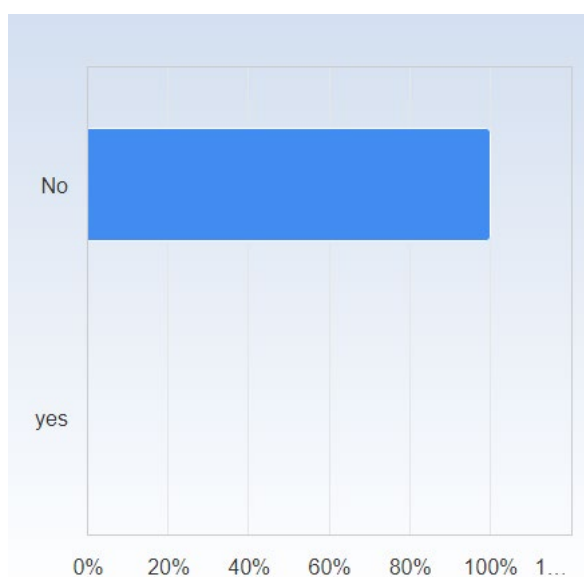
The course improved my skills in communication, in writing or in oral presentations	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (15.4%)
4	5 (38.5%)
5	6 (46.2%)
Total	13 (100.0%)



	Mean	Standard Deviation
The course improved my skills in communication, in writing or in oral presentations	4.3	0.8

Harrassment and discrimination

Have you experienced any form of discrimination, harassment or inappropriate behavior, victimising yourself or others, during the course? If so, feel free to elaborate.	Number of responses
No	13 (100.0%)
yes	0 (0.0%)
Total	13 (100.0%)



	Mean	Standard Deviation
Have you experienced any form of discrimination, harassment or inappropriate behavior, victimising yourself or others, during the course? If so, feel free to elaborate.	2.0	0.0

Other comments

Other comments

Overall the course was well organized and interesting

Awesome course. Would 10/10 recommend and take again

Sylvan is entertaining, especially in the field. Very good vibes for the Alps field trip.

Thank you for this great course!

Nahhh

Loooved this course!
