Geographic information systems for engineers
TE0018, 20062.1920

5 Hp
Pace of study = 35%
Education cycle = Advanced
Course leader = Anders Larsolle, Tomas Thierfelder

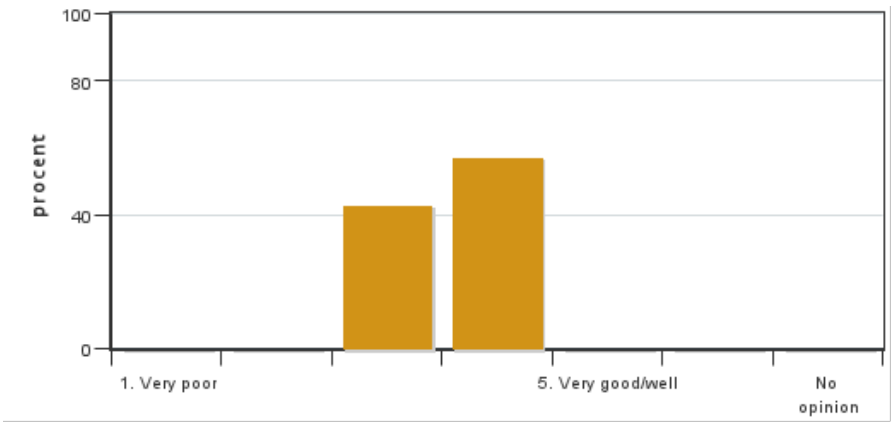
Evaluation report

Evaluation period: 2020-01-12 - 2020-02-02

Answers	7
Number of students	42
Answer frequency	16 %

Mandatory standard questions

1. My overall impression of the course is:

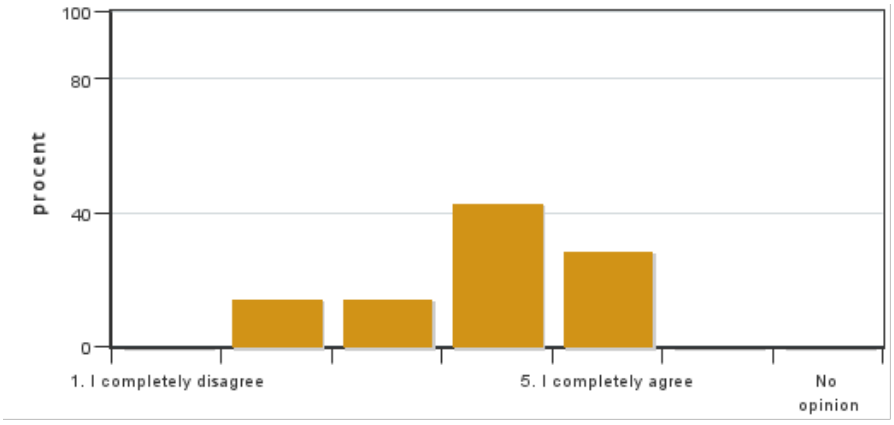


Answers: 7
Medel: 3,6
Median: 4

1: 0
2: 0
3: 3
4: 4
5: 0

No opinion: 0

2. I found the course content to have clear links to the learning objectives of the course.

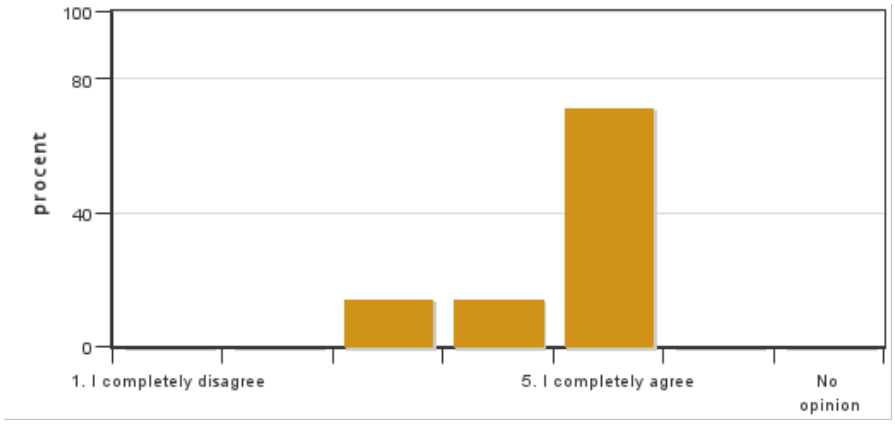


Answers: 7
Medel: 3,9
Median: 4

1: 0
2: 1
3: 1
4: 3
5: 2

No opinion: 0

3. My prior knowledge was sufficient for me to benefit from the course.

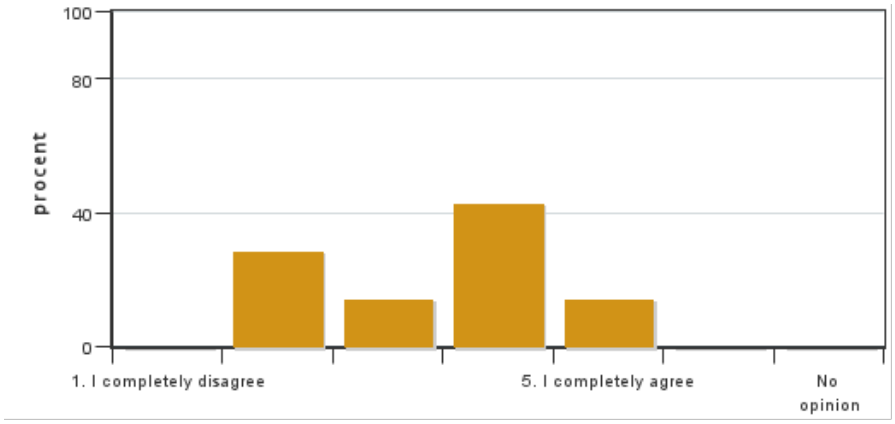


Answers: 7
Medel: 4,6
Median: 5

1: 0
2: 0
3: 1
4: 1
5: 5

No opinion: 0

4. The information about the course was easily accessible.

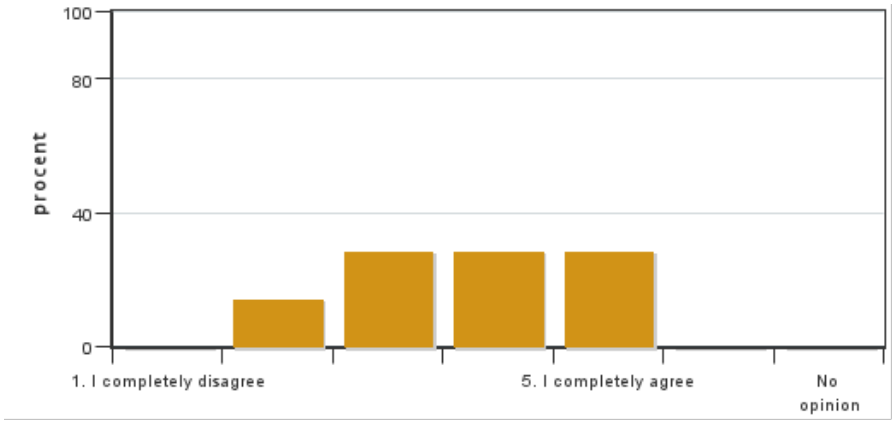


Answers: 7
Medel: 3,4
Median: 4

1: 0
2: 2
3: 1
4: 3
5: 1

No opinion: 0

5. The various course components (lectures, course literature, exercises etc.) have supported my learning.

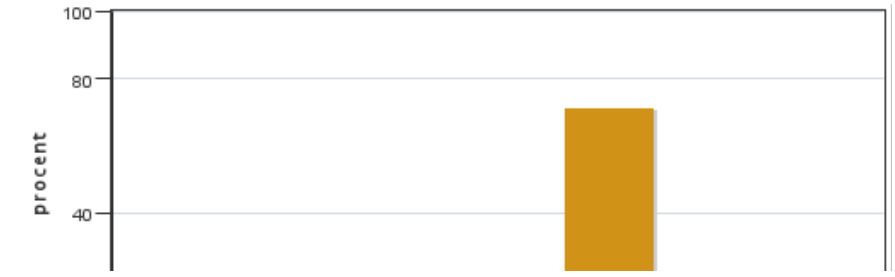


Answers: 7
Medel: 3,7
Median: 4

1: 0
2: 1
3: 2
4: 2
5: 2

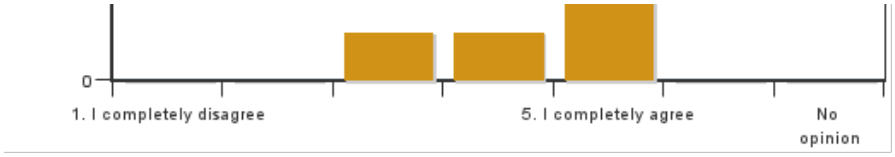
No opinion: 0

6. The social learning environment has been inclusive, respecting differences of opinion.



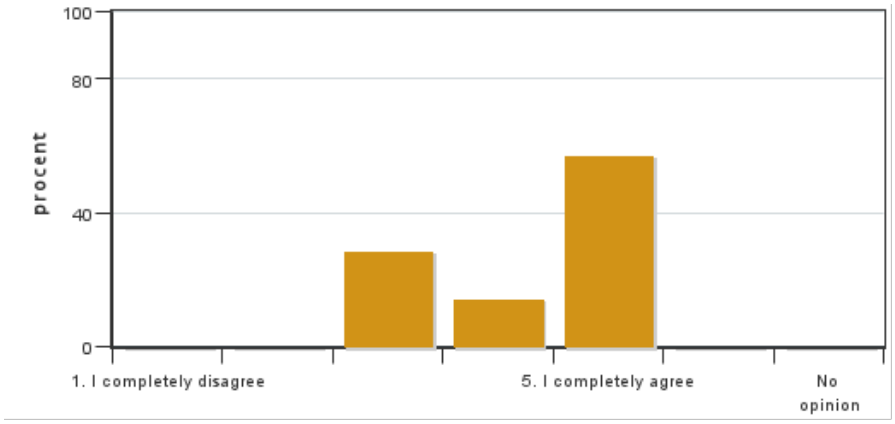
Answers: 7
Medel: 4,6
Median: 5

1: 0
2: 0
3: 1
4: 1
5: 5



No opinion: 0

7. The physical learning environment (facilities, equipment etc.) has been satisfactory.

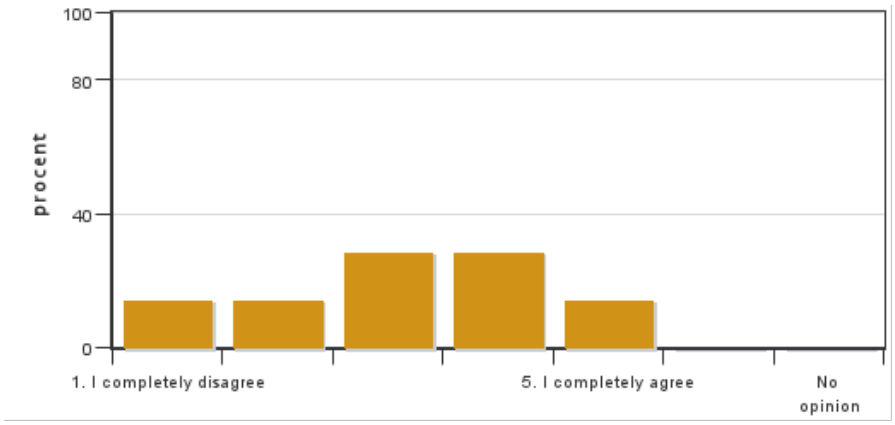


Answers: 7
Medel: 4,3
Median: 5

1: 0
2: 0
3: 2
4: 1
5: 4

No opinion: 0

8. The examination(s) provided opportunity to demonstrate what I had learnt during the course (see the learning objectives).

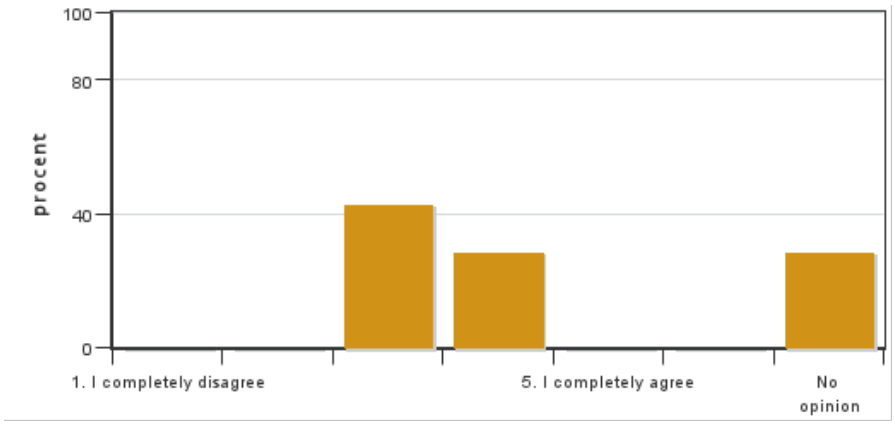


Answers: 7
Medel: 3,1
Median: 3

1: 1
2: 1
3: 2
4: 2
5: 1

No opinion: 0

9. The course covered the sustainable development aspect (environmental, social and/or financial sustainability).

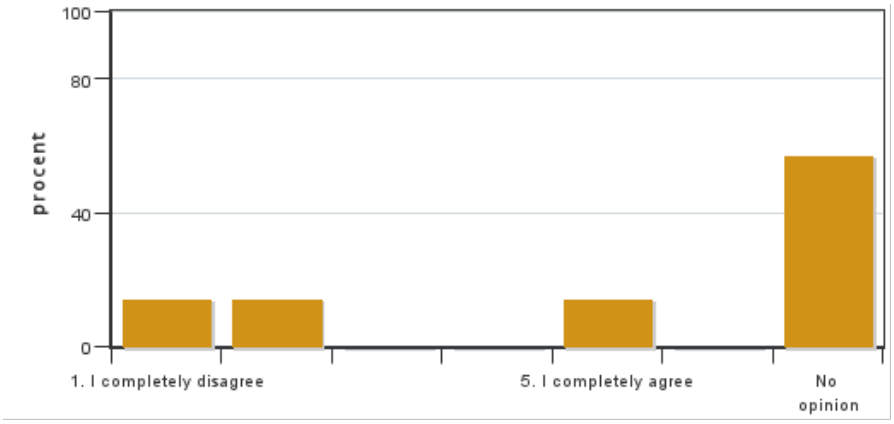


Answers: 7
Medel: 3,4
Median: 3

1: 0
2: 0
3: 3
4: 2
5: 0

No opinion: 2

10. I believe the course has included a gender and equality aspect, regarding content as well as teaching practices (e.g. perspective on the subject, reading list, allocation of speaking time and the use of master suppression techniques).

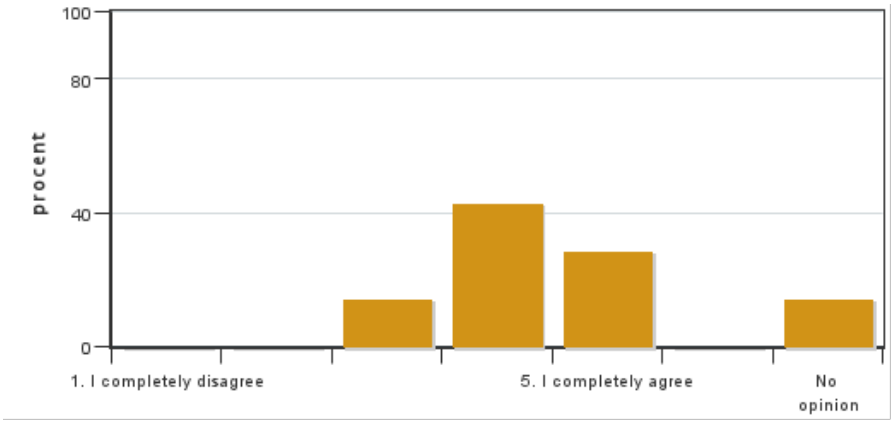


Answers: 7
Medel: 2,7
Median: 2

1: 1
2: 1
3: 0
4: 0
5: 1

No opinion: 4

11. The course covered international perspectives.

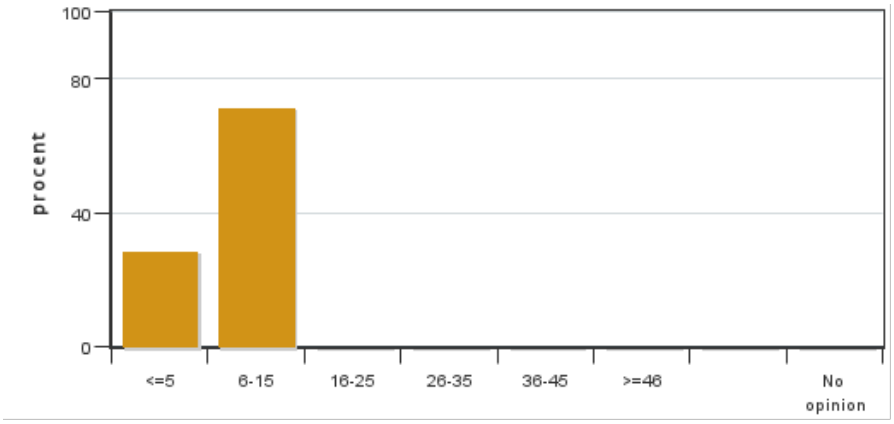


Answers: 7
Medel: 4,2
Median: 4

1: 0
2: 0
3: 1
4: 3
5: 2

No opinion: 1

12. On average, I have spent … hours/week on the course (including timetabled hours).



Answers: 7
Medel: 7,9
Median: 6-15

≤5: 2
6-15: 5
16-25: 0
26-35: 0
36-45: 0
≥46: 0

No opinion: 0

Course leaders comments

This was the second year of educating GIS after the SLU 15-credit reform, which not only has resulted in at average increased credits per course, but also in additional logistics where four GIS-courses are provided in parallel through a single educational period of approximately ten weeks. The teacher's impression from this is an increased opportunity for synergy across courses, which has been actively explored and evaluated with mainly positive results. Apart from the positive evaluation responses reported with the student representative's summary, the more difficult side of teaching involves the application of pedagogical methods that generate positive feedback from the students through all the different lines of education implemented in a single course. This is particularly important in otherwise passive educational components like the important series of lectures. From the teachers point of view, the students response was very good this particular year of education, which we interpret as being the result of a well-functioning pedagogical methodology.

Student representatives comments

Det var endast 7 av 42 studenter som har svarat på kursvärderingen. Utifrån de lämnade svaren verkar det generellt ha varit en godkänd kurs med det generella omdömet på 3.6 Detta uttrycker sig också i att studenterna tycker att de har bra förkunskaper samt att en rimlig arbetstid har spenderats till kursens poäng. Det har varit uppskattat att Anders har gått omkring och frågat om studenterna har behövt hjälp under workshoparna.

Bland frisvaren efterfrågas ett grupparbete i GIS för godkänt för att få tid med programmet och chans att få fördjupad förståelse. Detta som ett svar på att det upplevdes enkelt att klara godkänd-nivån. B- och C-uppgifterna skulle i förslaget kunna vara kvar för högre betyg. Generellt efterfrågas mer praktiska övningar i GIS-programmet, antingen i form av fler wokshops eller större projekt.

Konstruktuv kritik är att det har varit svårt att navigera sig bland SLU:s olika kanaler och att uppgiftsbekrivningen till en B-uppgift var bristfällig vilket gjorde att det var svårt att utföra den uppgiften. Det har varit väldigt många olika informationskanaler att navigera sig i inom denna kurs. Vidare upplevde studenterna att examinationsformen skulle kunna ändras då examintionen upplevdes överflödig och att ett förslag var att ändra salstentan till hemtenta eller inlämningsuppgift för att visa de teoretiska kunskaperna. Det gavs förslag på att istället ha ett praktiskt prov.