Pharmacology and toxicology
VM0139, 10105.2627

14 Hp
Pace of study = 100%
Education cycle = Basic
Course leader = Carl Ekstrand

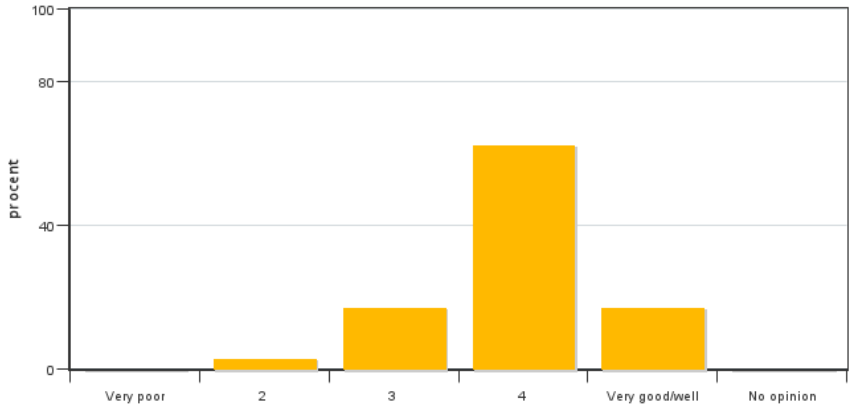
Evaluation report

Evaluation period: 2026-10-18 - 2026-11-08

Answers	64
Number of students	134
Answer frequency	47 %

Mandatory standard questions

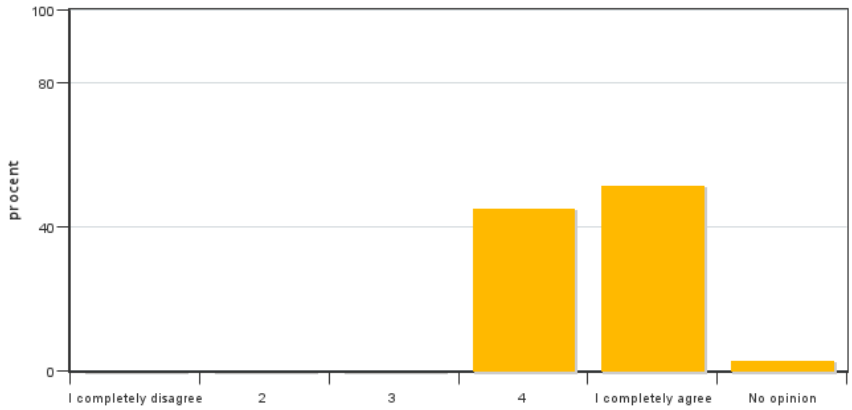
1. My overall impression of the course is:



Number of answers: 64
Average: 3,9
Median: 4

Very poor : 0
2: 2
3: 11
4: 40
Very good/well: 11
No opinion: 0

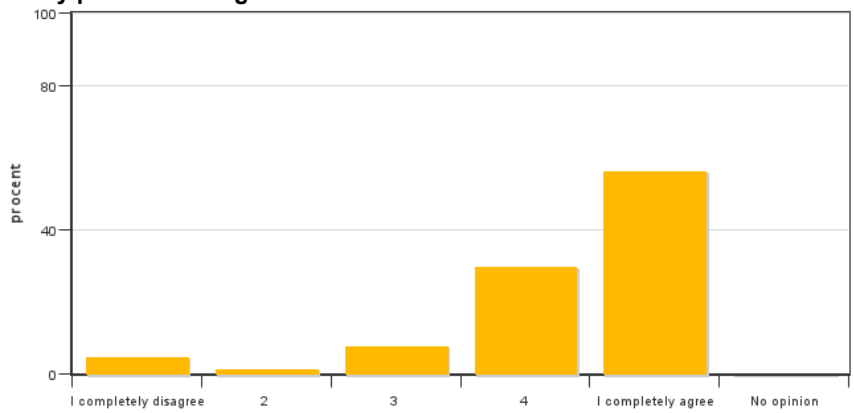
2. I found the course content to have clear links to the learning objectives of the course.



Number of answers: 64
Average: 4,5
Median: 5

I completely disagree: 0
2: 0
3: 0
4: 29
I completely agree: 33
No opinion: 2

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

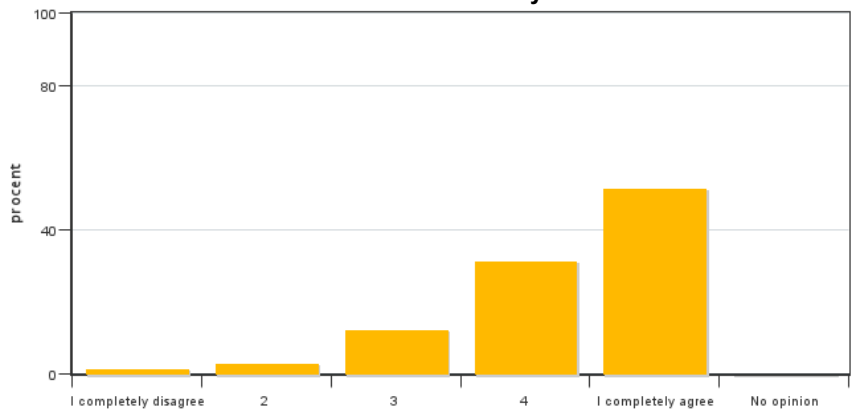


Number of answers: 64
Average: 4,3
Median: 5

I completely disagree: 3
2: 1
3: 5
4: 19
I completely agree: 36

No opinion: 0

4. The information about the course was easily accessible.

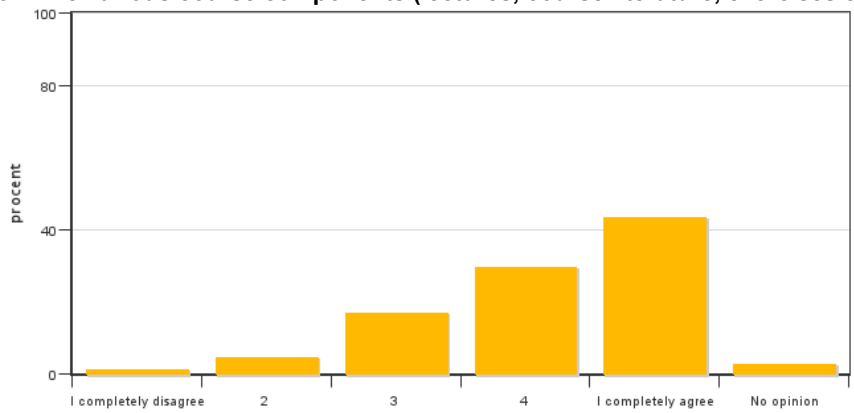


Number of answers: 64
Average: 4,3
Median: 5

I completely disagree: 1
2: 2
3: 8
4: 20
I completely agree: 33

No opinion: 0

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

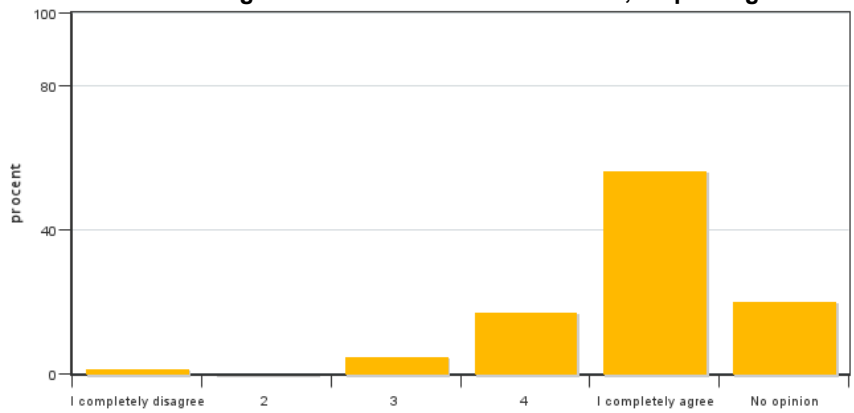


Number of answers: 64
Average: 4,1
Median: 4

I completely disagree: 1
2: 3
3: 11
4: 19
I completely agree: 28

No opinion: 2

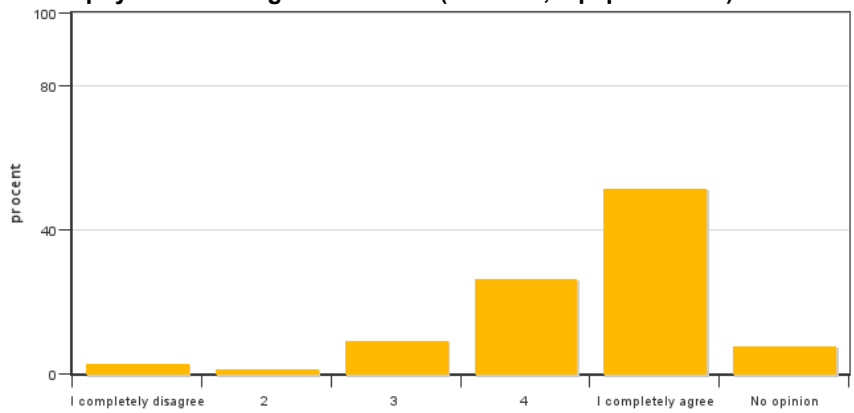
6. The social learning environment has been inclusive, respecting differences of opinion.



Number of answers: 64
Average: 4,6
Median: 5

I completely disagree: 1
2: 0
3: 3
4: 11
I completely agree: 36
No opinion: 13

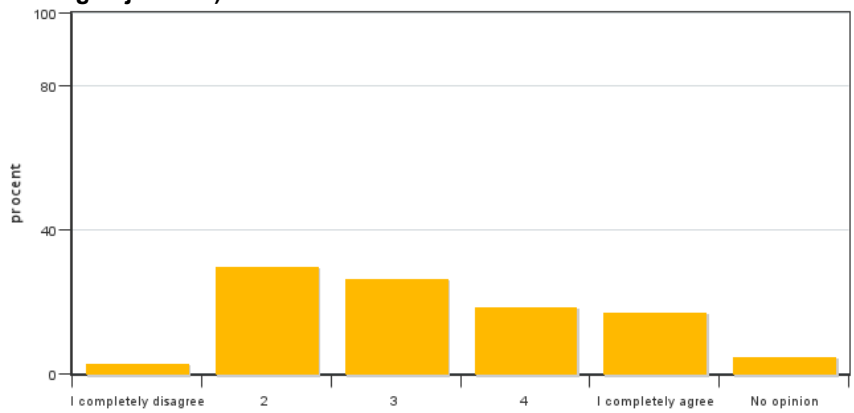
7. The physical learning environment (facilities, equipment etc.) has been satisfactory.



Number of answers: 64
Average: 4,3
Median: 5

I completely disagree: 2
2: 1
3: 6
4: 17
I completely agree: 33
No opinion: 5

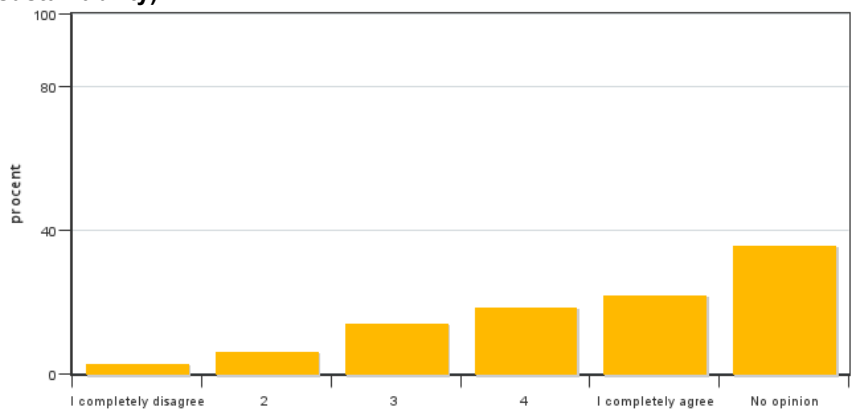
8. The examination(s) provided opportunity to demonstrate what I had learnt during the course (see the learning objectives).



Number of answers: 64
Average: 3,2
Median: 3

I completely disagree: 2
2: 19
3: 17
4: 12
I completely agree: 11
No opinion: 3

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

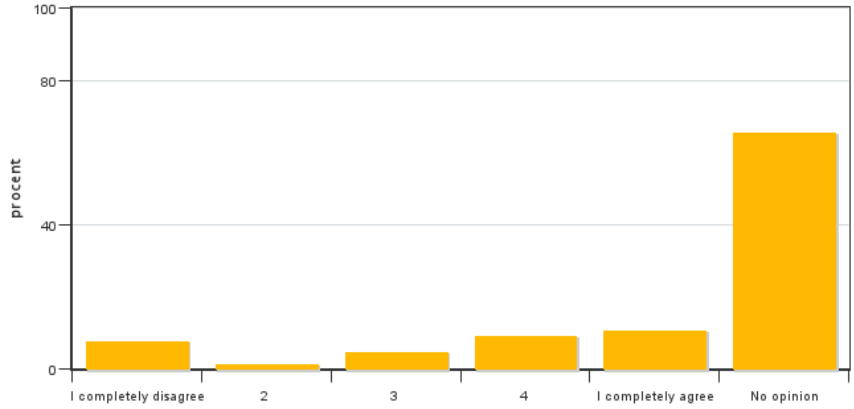


Number of answers: 64
Average: 3,8
Median: 4

I completely disagree: 2
2: 4
3: 9
4: 12
I completely agree: 14

No opinion: 23

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).

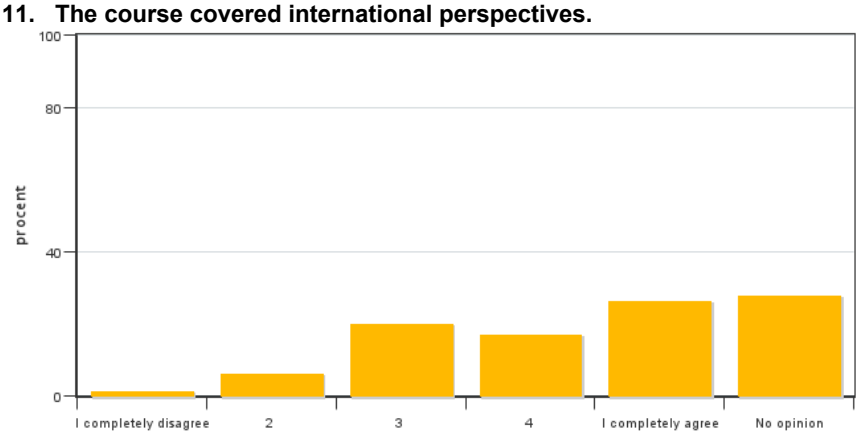


Number of answers: 64
Average: 3,4
Median: 4

I completely disagree: 5
2: 1
3: 3
4: 6
I completely agree: 7

No opinion: 42

11. The course covered international perspectives.

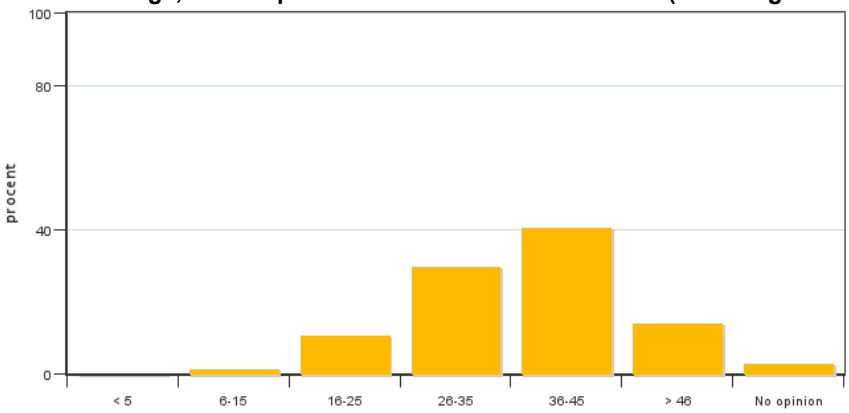


Number of answers: 64
Average: 3,8
Median: 4

I completely disagree: 1
2: 4
3: 13
4: 11
I completely agree: 17

No opinion: 18

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



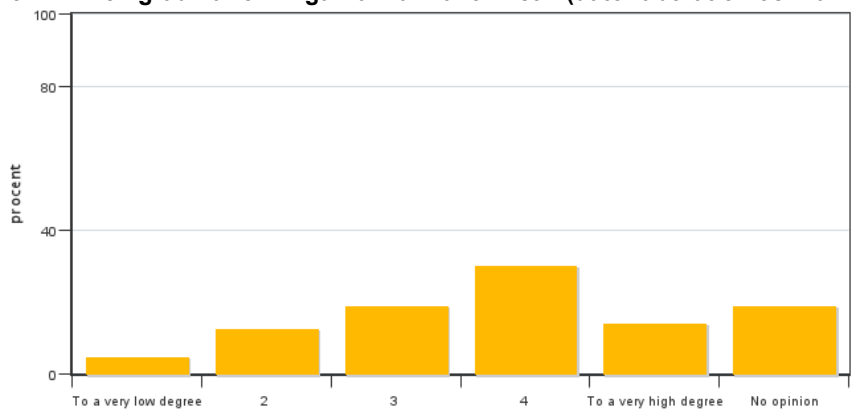
Number of answers: 64
Average: 35,1
Median: 36-45

< 5: 0
6-15: 1
16-25: 7
26-35: 19
36-45: 26
> 46: 9

No opinion: 2

Additional own questions

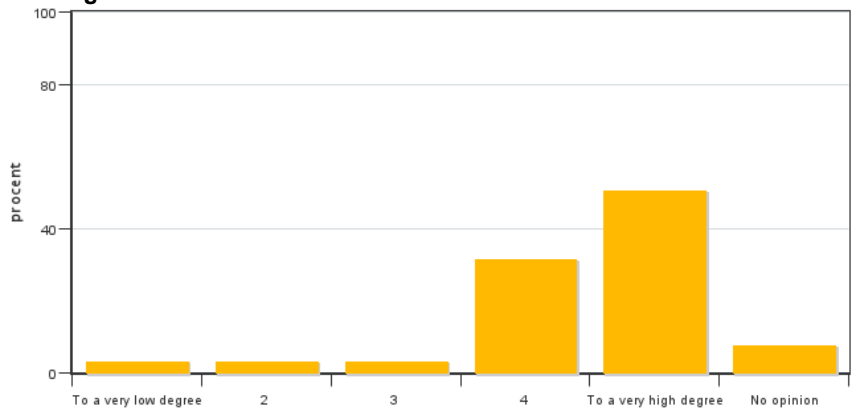
13. I vilken grad har övningarna i farmakokinetik (datorlaboration och räkneövning) bidragit till inlärningen?



Number of answers: 63

To a very low degree: 3
2: 8
3: 12
4: 19
To a very high degree: 9
No opinion: 12

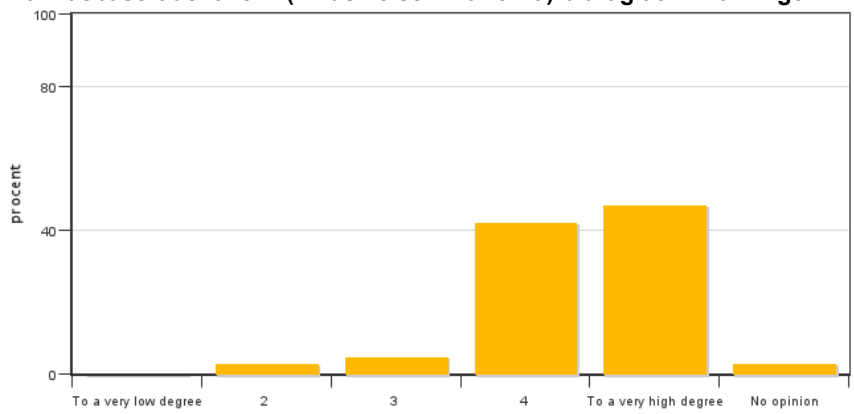
14. I vilken grad har falldiskussionerna i anthelmintika, anestesi, antibiotika och cirkulation bidragit till inlärningen?



Number of answers: 63

To a very low degree: 2
2: 2
3: 2
4: 20
To a very high degree: 32
No opinion: 5

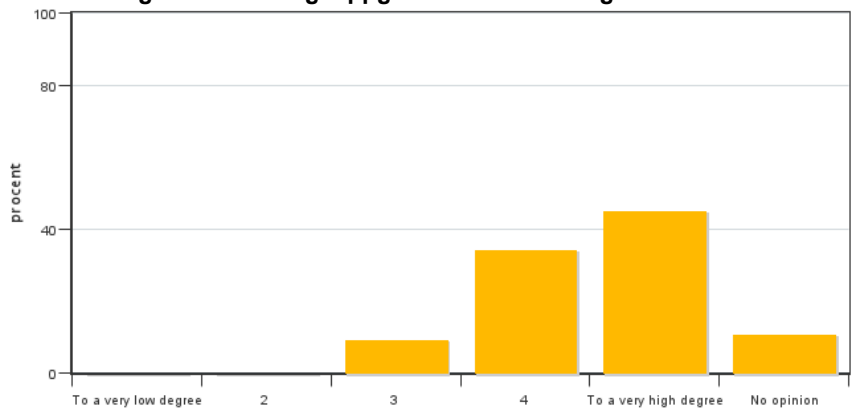
15. I vilken grad har de inspelade föreläsningarna (smärta+inflammation/biologiska läkemedel) och de "Canvasbaserade fallen" (inkusive seminarierna) bidragit till inlärningen?



Number of answers: 64

To a very low degree: 0
2: 2
3: 3
4: 27
To a very high degree: 30
No opinion: 2

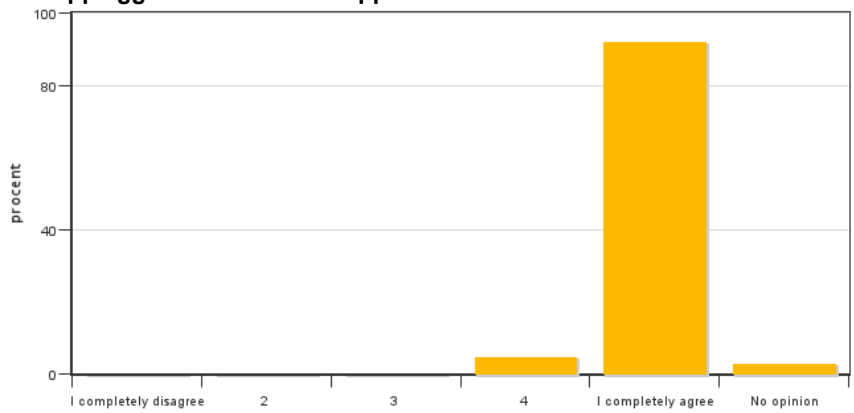
16. I vilken grad har övningsuppgifterna i dosräkning och farmakokinetik bidragit till inlärningen?



Number of answers: 64

To a very low degree: 0
2: 0
3: 6
4: 22
To a very high degree: 29
No opinion: 7

17. Upplägget med tentamen uppdelad i två skilda tillfällen var bra.



Number of answers: 64

I completely disagree: 0
2: 0
3: 0
4: 3
I completely agree: 59
No opinion: 2

Course leaders comments

Kursen *Farmakologi och toxikologi* fick överlag goda omdömen. Studenterna uppskattade särskilt falldiskussioner, seminarier och övningar, där de fick tillämpa sina kunskaper, ställa frågor och diskutera med engagerade lärare. Variationen mellan undervisningsformer och tiden för egen inläsning lyftes som värdefulla för lärandet. Hybridupplägget med möjlighet att delta via Zoom uppskattades för sin flexibilitet.

Kritiken gällde främst examination och den andra tentamen, där flera studenter upplevde frågeformuleringar som otydliga och urvalet av innehåll och detaljnivån som oväntade. Undervisningen fokuserar huvudsakligen på läkemedelsgrupper, men kunskapskraven omfattar även vissa enskilda substanser. Synpunkterna visar att förväntningarna behöver förtydligas ytterligare. Examinationens utformning och informationen inför tentamen ses kontinuerligt över utifrån kursinnehåll, kursvärderingar och examinationsresultat.

Återkommande synpunkter gällde också brister och otydligheter i AI-genererade illustrationer samt informationen om

hur AI använts. Lärarlaget kommer att diskutera hur AI-understött framtagande av undervisningsmaterial kan utvecklas, med fokus på innehållets tillförlitlighet, pedagogiska funktion och tydlighet för studenterna, i enlighet med SLU policyer.

Kursvärderingen besvarades av 47 % av studenterna och sammanställningen bör tolkas i ljuset av detta.

Internal comments

Student representatives comments

No comments from the student representatives