



Sustainable Plant Production - from Molecular to Field Scale BI1295, 40043.2324

15 Hp

Pace of study = 100%

Education cycle = Advanced

Course leader = Alexander Menegat

Evaluation report

Evaluation period: 2024-05-26 - 2024-05-28

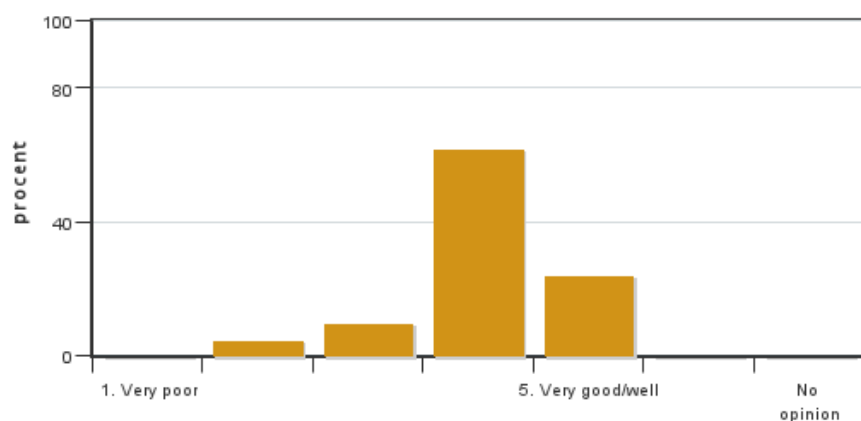
Answers 21

Number of students 26

Answer frequency 80 %

Mandatory standard questions

1. My overall impression of the course is:



Answers: 21

Medel: 4,0

Median: 4

1: 0

2: 1

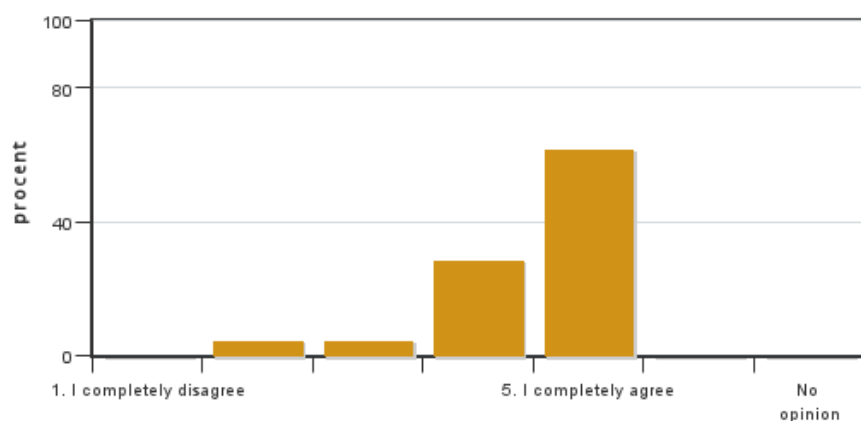
3: 2

4: 13

5: 5

No opinion: 0

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



Answers: 21

Medel: 4,5

Median: 5

1: 0

2: 1

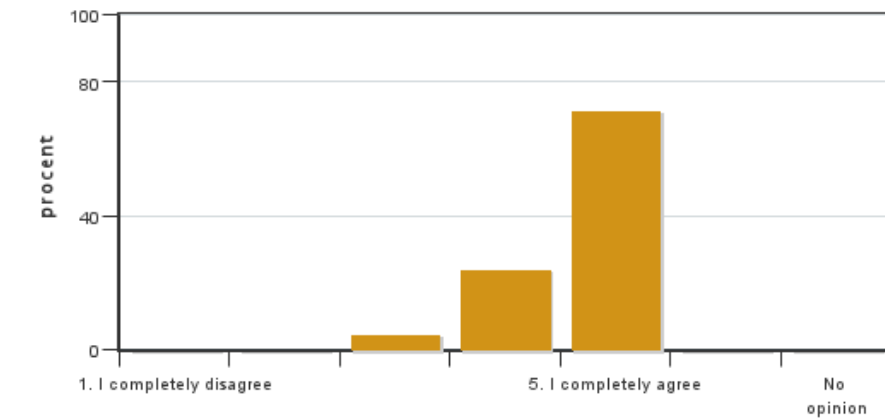
3: 1

4: 6

5: 13

No opinion: 0

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



Answers: 21

Medel: 4,7

Median: 5

1: 0

2: 0

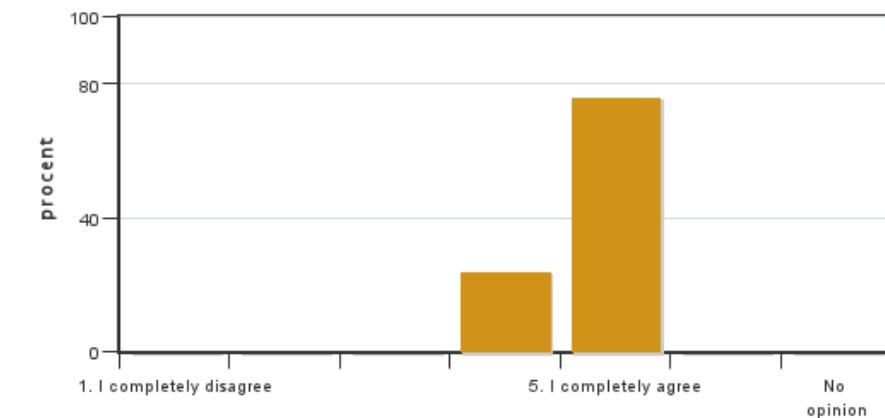
3: 1

4: 5

5: 15

No opinion: 0

4. The information about the course was easily accessible.



Answers: 21

Medel: 4,8

Median: 5

1: 0

2: 0

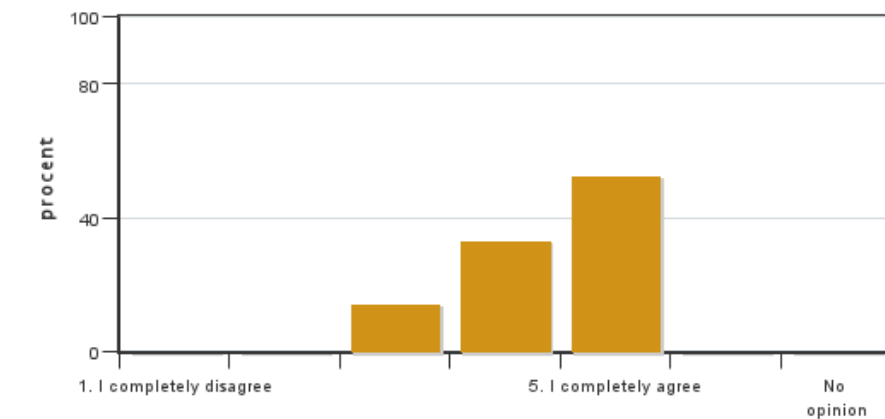
3: 0

4: 5

5: 16

No opinion: 0

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



Answers: 21

Medel: 4,4

Median: 5

1: 0

2: 0

3: 3

4: 7

5: 11

No opinion: 0

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



Answers: 21

Medel: 4,9

Median: 5

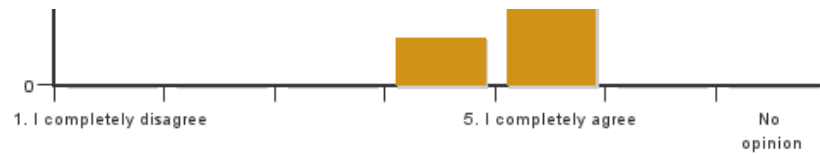
1: 0

2: 0

3: 0

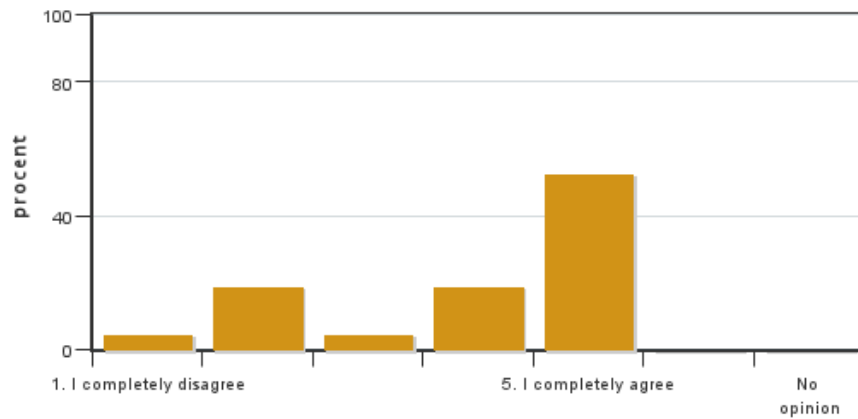
4: 3

5: 18



No opinion: 0

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



Answers: 21

Medel: 4,0

Median: 5

1: 1

2: 4

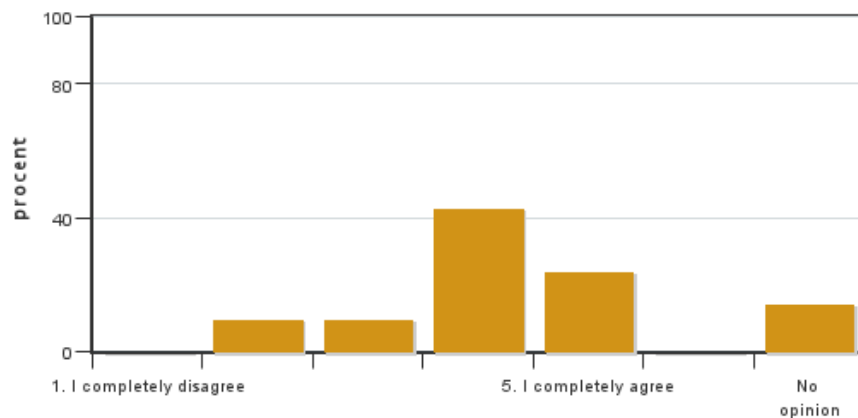
3: 1

4: 4

5: 11

No opinion: 0

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



Answers: 21

Medel: 3,9

Median: 4

1: 0

2: 2

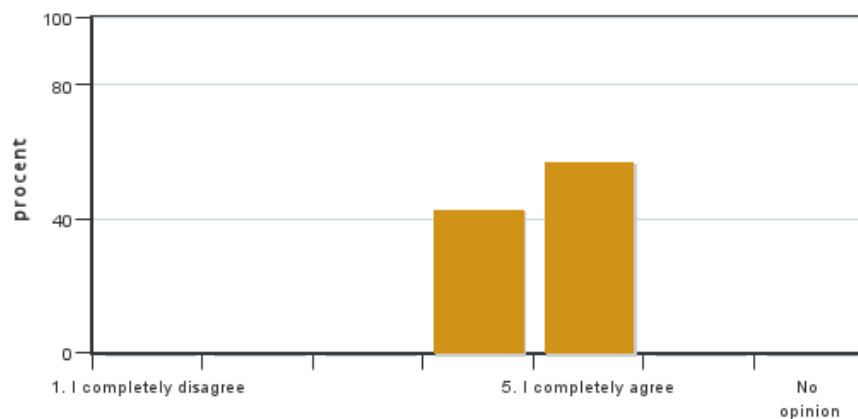
3: 2

4: 9

5: 5

No opinion: 3

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



Answers: 21

Medel: 4,6

Median: 5

1: 0

2: 0

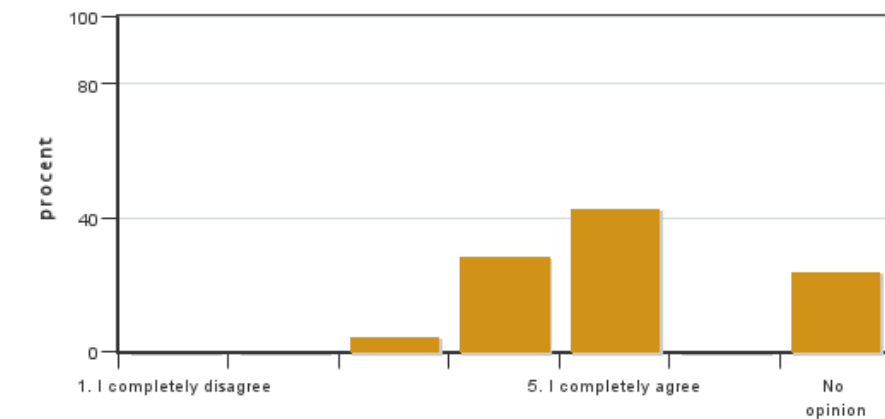
3: 0

4: 9

5: 12

No opinion: 0

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).

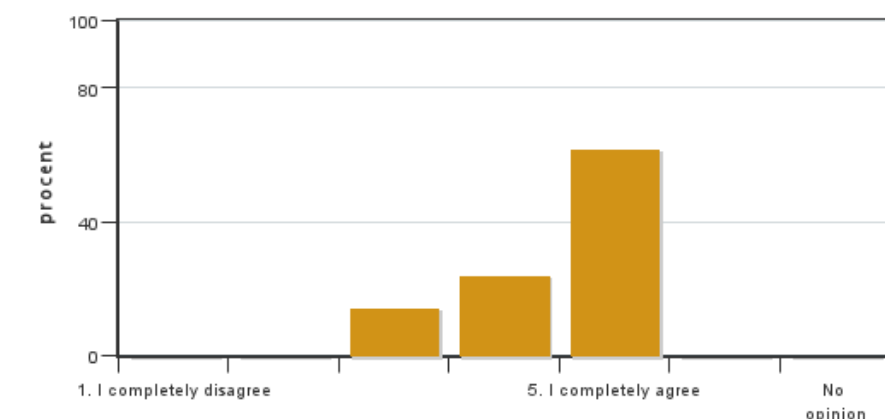


Answers: 21
Medel: 4,5
Median: 5

1: 0
2: 0
3: 1
4: 6
5: 9

No opinion: 5

11. The course covered international perspectives.

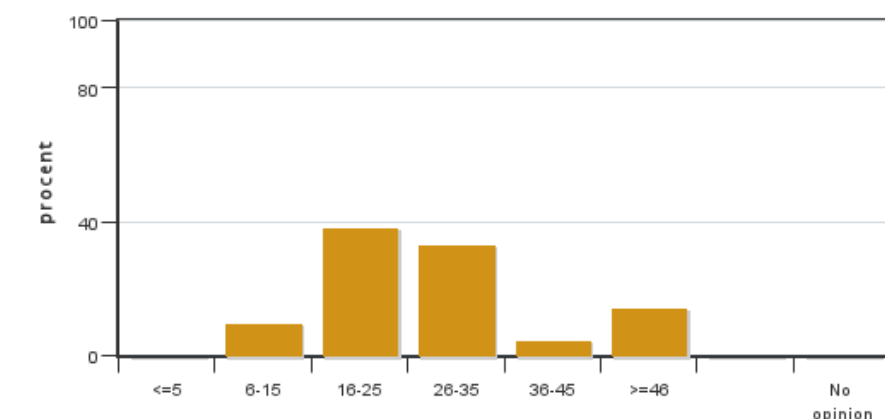


Answers: 21
Medel: 4,5
Median: 5

1: 0
2: 0
3: 3
4: 5
5: 13

No opinion: 0

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



Answers: 21
Medel: 27,0
Median: 26-35

≤5: 0
6-15: 2
16-25: 8
26-35: 7
36-45: 1
≥46: 3

No opinion: 0

Course leaders comments

The following comments and reflections are in response to the course evaluation of participating students from the course locations Uppsala and Alnarp. The answering rate for the course evaluation 2024 was 80% in Uppsala and 27% in Alnarp. The course was held for the sixth time.

Based on the students comments and suggestions from 2022 and 2023, we have adapted the group project work into a policy brief exercise. This was well received by this years students, encouraging us to further develop this group project for the coming years. From the students comments we also understand that some form of lab exercise and/or excursions would be beneficial. This will be considered for future course schedules.

In addition to the meet the author session we have integrated research insights sessions into the schedule. This was again very well received and considered a valuable addition to the theoretical lectures.

We will try to further increase the number of lectures held from campus Alnarp.

We will continue our work on aligning the lecture contents in order to avoid any overlap where it is not necessary.

Student representatives comments

Sustainable Plant production: from molecular to field scale. Course evaluation.

This is a one by one question report. In Uppsala 100% of the students (21) filled in the form. The number of comments per section is specified so that relevancy can be addressed. If only one comment was made in a particular question and the topic of the comment was regarded as very personal, it was considered non-representative, thus not included in the report.

1. My overall impression of the course is:

Median score: 4

The most popular answer was 4/5 (13/21 students)

Well organized, clear content, very broad- as something positive and negative, since it may have been too repetitive at times- and the study/life balance was mainly positive. The excessive time given for policy brief was mentioned, as well as the possible improvement of the whole course with the introduction of other exercises or trips to hammer in more the objectives of the course.

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

Median score: 4.5

The most popular answer was 5/5 (13/21 students)

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

Median score: 4.7

The content was not very new due to repetition with previous courses, so it was perceived as easy to follow.

1. The information about the course was easily accessible.

Median score: 4.8

The most popular answer was 5/5 (16/21 students)

The Canvas organization and the structure was highly appreciated.

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

Median score: 4.4

The missing experimental part, excursions and exercises were mentioned. The papers of choice for lectures were praised and said to be connected to research areas. Some mention it was not relevant to read the course literature, however.

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

Median score: 4.9

The most popular answer was 5/5 (18/21 students)

Good atmosphere of in-class collaboration and group projects.

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

Median score: 4

The most popular answer was 5/5 (11/21 students)

The room hall was mentioned dark and lacking proper ventilation, making it difficult to concentrate on lectures and learn.

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

Median score: 3.9

The most popular answer was 4/5 (9 students). 3 absences were reported.

This is the questions with the most comments (8 comments).

The exam questions were mentioned way too wide or too specific. The multiple-choice questions were highly disliked in formulation, importance and grading. The multiple-choice questions were perceived by many as non-representative evaluation to know whether a student understands a topic profoundly or not. Some questions focused on a single detail of a slide, which was not representative of the lecture at all. One of them was given 4 points for a single multiple-choice question, the same value as other open question. The grading system was found strange and having to pass 3 ILOs not very popular. ILO 1 and 2 were not very representative of the content given. It was mentioned it should be enough to repeat the ILOs you fail in the re-examination. Little time was given to do the exam and revise.

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

Median score: 4.6

Although 12/ 21 students gave this course a 5, one comments strongly emphasized on the lack of Economic perspectives on the course, as no basic economic tools were given to the students to understand better how proposals/ solutions are evaluated in this sense. This could have also been useful for policy brief making.

There was another student highlighting the lack of critical discussion regarding social sustainability since Nyéléni declaration was not mentioned as a third framework for agroecology, for example, and not much importance was given to local knowledge.

1. **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).**

Median score: 4.5

The course could have given some more importance on the Indigenous Knowledge but overall, it was perceived as a very diverse and equal course. The main answer was 5(9/21 students). Nonetheless 5 students did not have an opinion about this.

1. **The course covered international perspectives.**

Median score: 4.5

The course was mentioned to cover mainly Sweden and also Africa. The most frequent answer was 5/5 (13/21 students).

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

Median number of hours: 27

The most common range (chosen by 8 students): 16-25

1. **What is you overall impression of the group project?**

Median score: 4.3

Some comments emphasize it was a short project (positively and negatively) however interesting, since it was not the typical writing exercise on research articles or lab reports. The times given, resources and meetings for guidance were highly praised. Not being able to learn much from it since it is not very specific or due to a large- thus hard to organize- group was stressed too.

1. **Were the intended learning outcomes of the group project clear to you?**

Median score: 4.6

The learning outcomes of the group project were found very clear as 14 people gave this a 5/5. Maybe more emphasis/guidelines on how to communicate with professionals outside of science could have been useful.

1. **Do you think you have learned useful skills during the group project that are of importance for your future career?**

Median score: 4.1

The comments mainly highlight that it was useful to learn how to communicate in a non-scientific manner.

1. **The lecturers were available and supportive throughout the course?**

Median score: 4.6

The lectures were found good however modelling lectures were mentioned to be very long, detailed and specific, making it hard to understand its relevance and the main take-home message. The Breeding and crop domestication lectures were found repetitive.

1. **What aspect/part of the course did you like the most?**

The organization of the course was highly praised, as well as the variety of topics, the high quality of the lectures, the discussions and the meet the author sessions or research insights.

1. **Which aspect/part of the course did you like the least?**

The lack of lab practicals was the most popular comment, followed by the design of the exam not being fair to represent the knowledge acquired by students. Also, no excursions and too much time given for the project was frequent. It was also mentioned that participating online was difficult and the repetitiveness of some lectures.