



Safe Nutrient Recycling MX0131, 20071.1819

15 Hp
Pace of study = 100%
Education cycle = Advanced -
Course leader = Björn Vinnerås

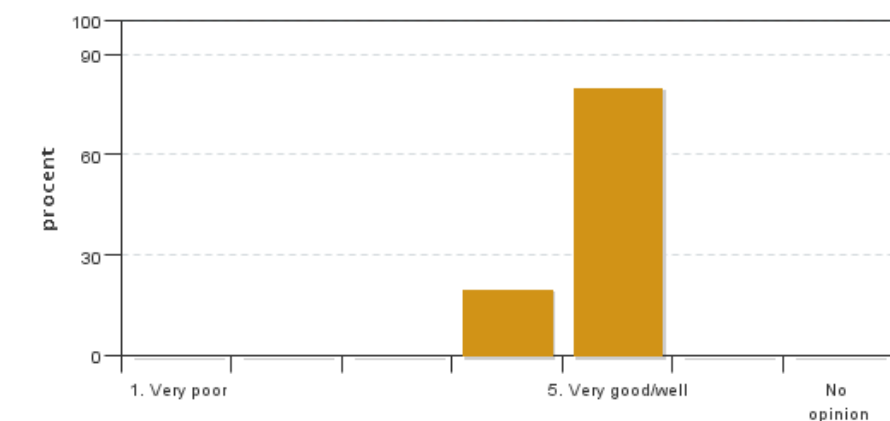
Evaluation report

Evaluation period: 2019-01-13 - 2019-02-03

Answers 5
Number of students 16
Answer frequency 31 %

Mandatory standard questions

1. My overall impression of the course is:

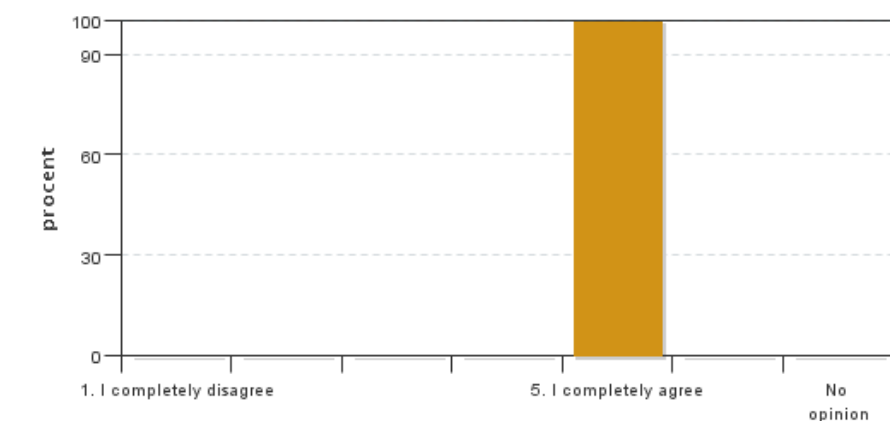


Answers: 5
Medel: 4,8
Median: 5

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

No opinion: 0

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

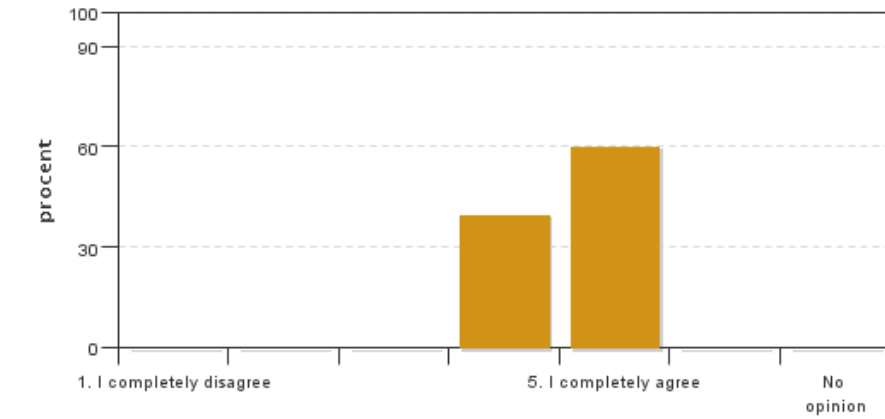


Answers: 5
Medel: 5,0
Median: 5

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

No opinion: 0

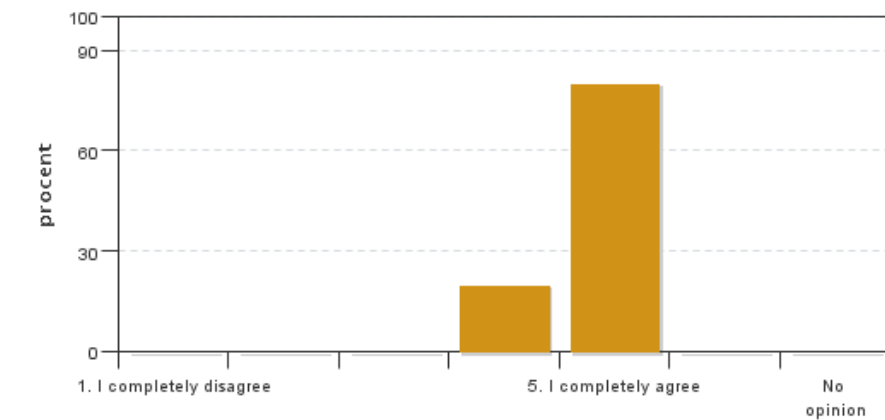
3. My prior knowledge was sufficient for me to benefit from the course.



Answers: 5
 Medel: 4,6
 Median: 5

1: 0
 2: 0
 3: 0
 4: 2
 5: 3
 No opinion: 0

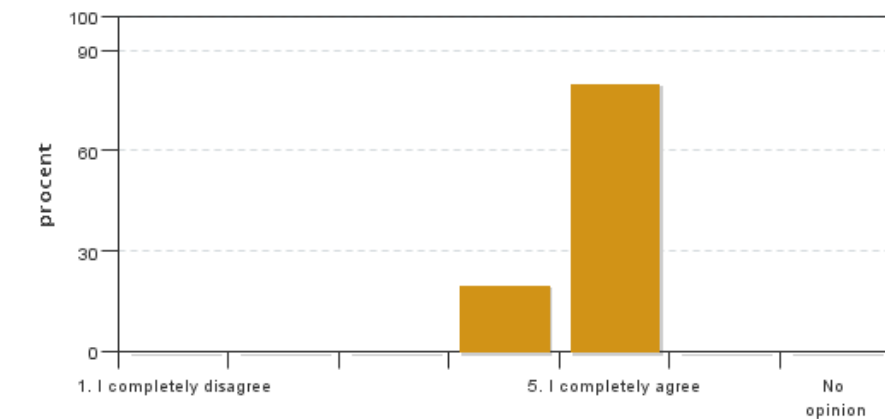
4. The information about the course was easily accessible.



Answers: 5
 Medel: 4,8
 Median: 5

1: 0
 2: 0
 3: 0
 4: 1
 5: 4
 No opinion: 0

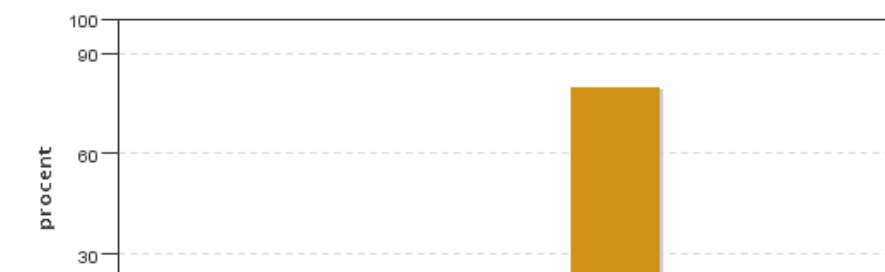
5. The various course components (lectures, course literature, exercises etc.) have supported my learning.



Answers: 5
 Medel: 4,8
 Median: 5

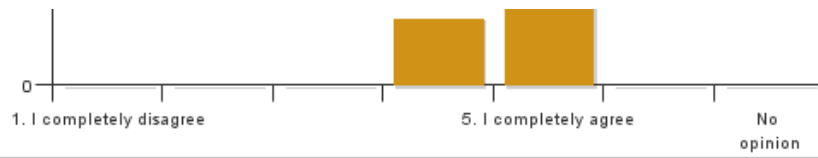
1: 0
 2: 0
 3: 0
 4: 1
 5: 4
 No opinion: 0

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



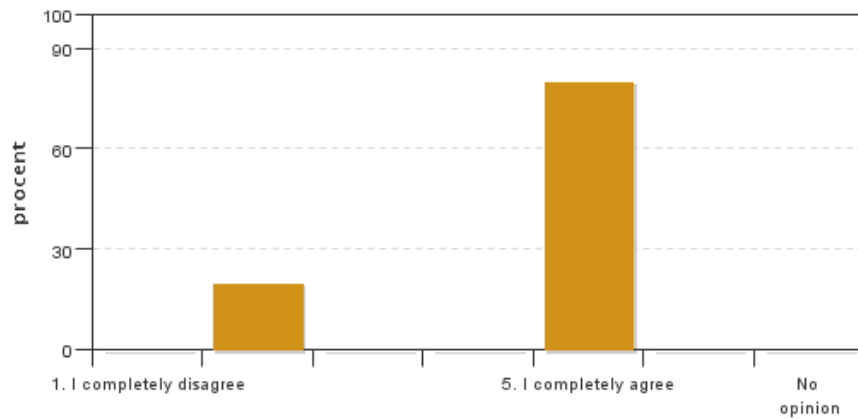
Answers: 5
 Medel: 4,8
 Median: 5

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



No opinion: 0

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

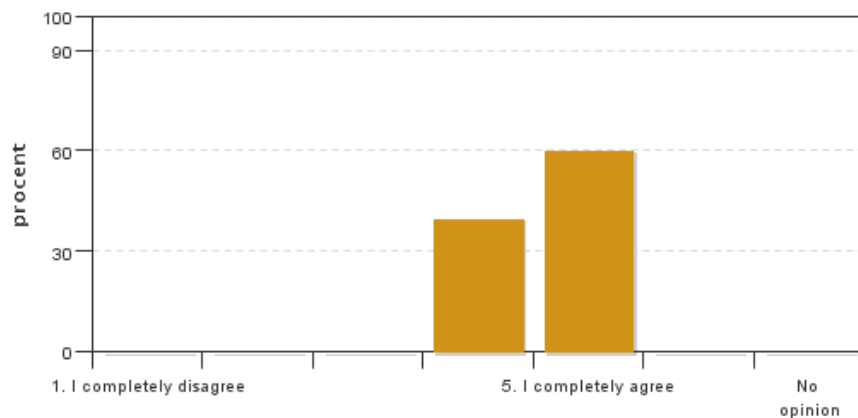


Answers: 5
Medel: 4,4
Median: 5

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

No opinion: 0

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

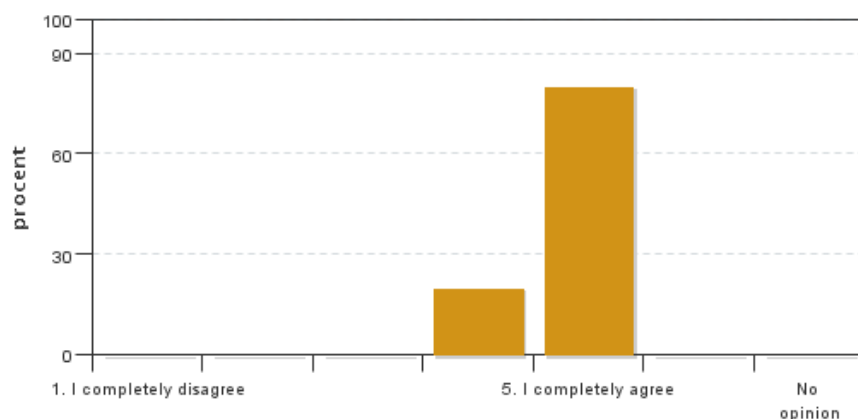


Answers: 5
Medel: 4,6
Median: 5

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

No opinion: 0

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

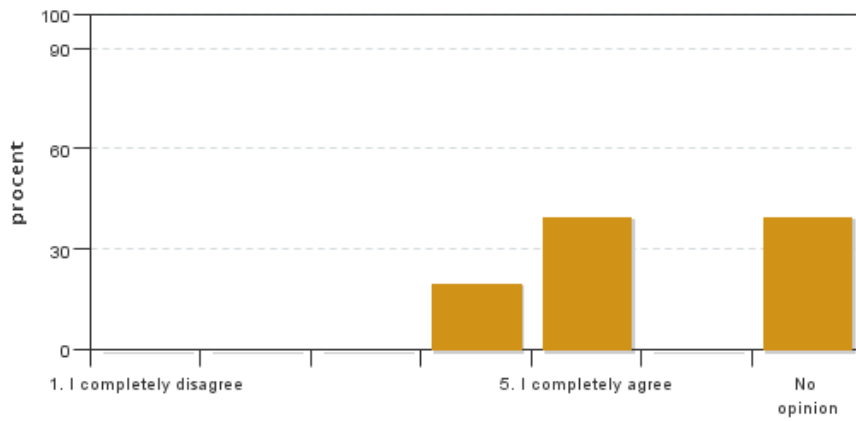


Answers: 5
Medel: 4,8
Median: 5

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

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).

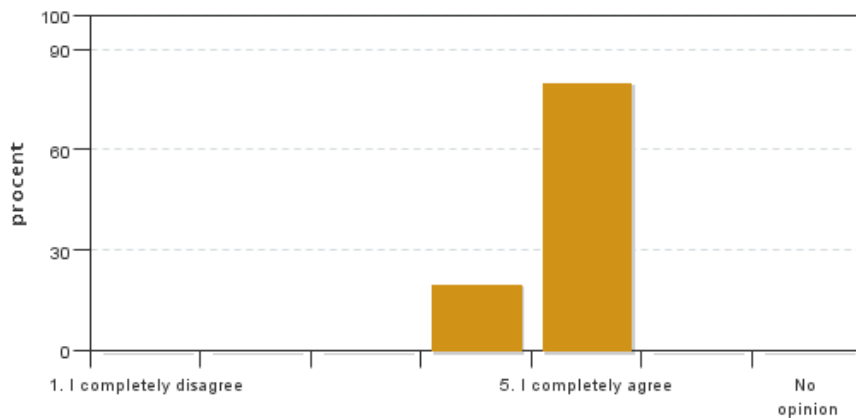


Answers: 5
 Medel: 4,7
 Median: 5

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

No opinion: 2

11. The course covered international perspectives.

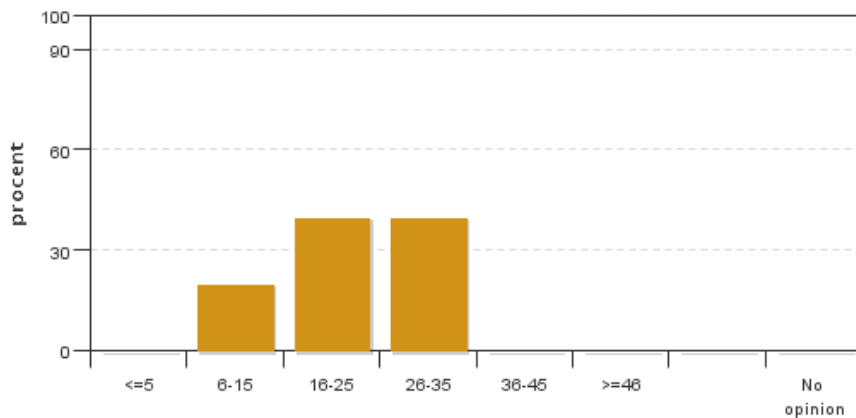


Answers: 5
 Medel: 4,8
 Median: 5

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

No opinion: 0

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



Answers: 5
 Medel: 22,0
 Median: 16-25

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

No opinion: 0

Course leaders comments

The course was new for this year, an update from a similar course of 10HP. The balance with lectures and practical exercises worked well, having more lectures early and more time for project work in the end. The oral evaluation brought up some minor aspects to be included in the future course development.

Student representatives comments

In general, the response rate of the survey is rather low, only 31% students responded to the survey. Within the limited number of response, we have very high ranked result from it. With the majority of responses rated 4 or 5 of the questions, the overall impression on the course is good.

The clear strength of the course comes from the close link between learning objectives and the actual content of learning materials, since all participants completely agree on this premise. In addition, it is interesting that the class is very much international and covering students from different background. Most of the participants of the survey (3 out of 5) considered that their previous knowledge is highly sufficient for benefiting from learning the course, while other 2 thought it is rather sufficient (rank 4 out of 5). These two aspects reflect the nice design of the course that it could cover the learning objective and at the same time, not over stressing on the prerequisite for students previous knowledge, allowing students from different disciplines to be benefit from it.

A small portion of participant (1 out of 5) thinks that the physical learning environment is not so satisfactory (rank 2 out of 5), but the specific reason was not explained. Other than this, the question about including gender and equality aspects in the course was not totally agreed by most of the people, as 2 out of 5 people have no idea on this question, and the others ranked 4 or 5 out of 5 to the question. Therefore, even though the gender and equality aspects might not be highlighted during the course, generally students do not have negative experience on the issue.

In terms of the workload for the course, one person considered 6-15 hours of studying time are needed per week for the course, in which the timetabled hours are included. I personally hold some degree of doubt on this response as the timetabled hours is approximately 15 hours on average during the lecturing period as I calculated. But this could be because of difference in calculation. Two students each considered they need 16-25 hours and 26-35 hours per week, which are on the middle of the scale of choice.

There were not many extra comments except from the rating part of the survey. The two comments are both related to use of matlab and the computer exercise. One comments considered that there should be more introduction of the software matlab, while the other one was focusing on the fact that no discussion were allowed during the class, which hindered the progress of the work.

In the future, in order to have a higher response rate, a reminder to the link of the survey could be done. Also, new students might not be informed where to look for the evaluation site. Otherwise, the result from the survey is positively supporting the course and could be used for reference for future improvement.