



## Wood Science and Technology SG0213, 30241.2223

15 Hp

Pace of study = 100%

Education cycle = Advanced

Course leader = Nasko Terziev

### Evaluation report

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**Evaluation period: 2023-03-14 - 2023-04-04**

Answers 5

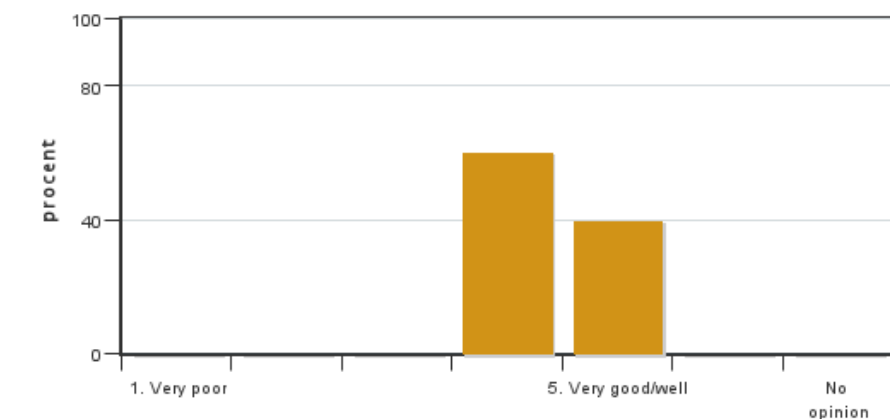
Number of students 5

Answer frequency 100 %

### Mandatory standard questions

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#### 1. My overall impression of the course is:

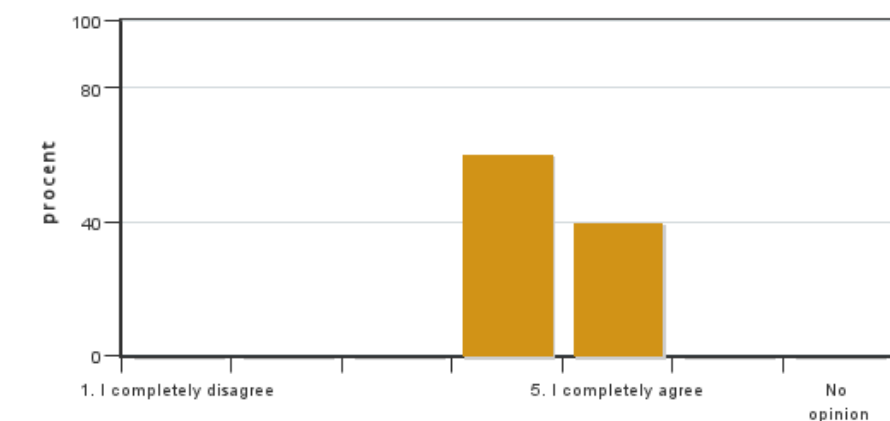


Answers: 5  
Medel: 4,4  
Median: 4

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

No opinion: 0

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

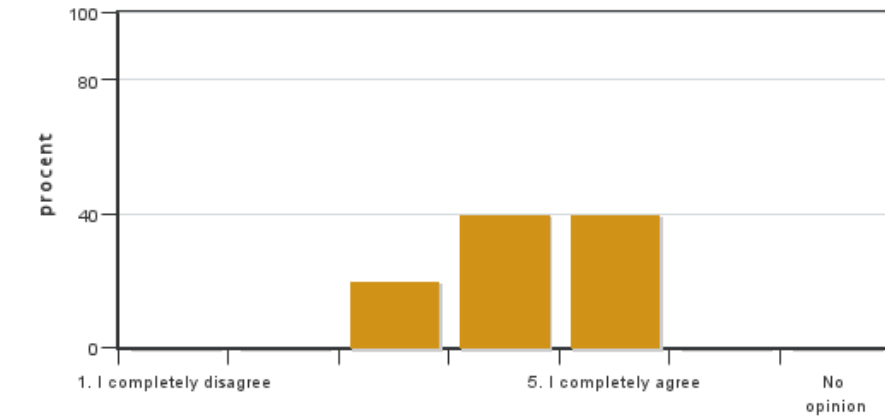


Answers: 5  
Medel: 4,4  
Median: 4

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

No opinion: 0

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

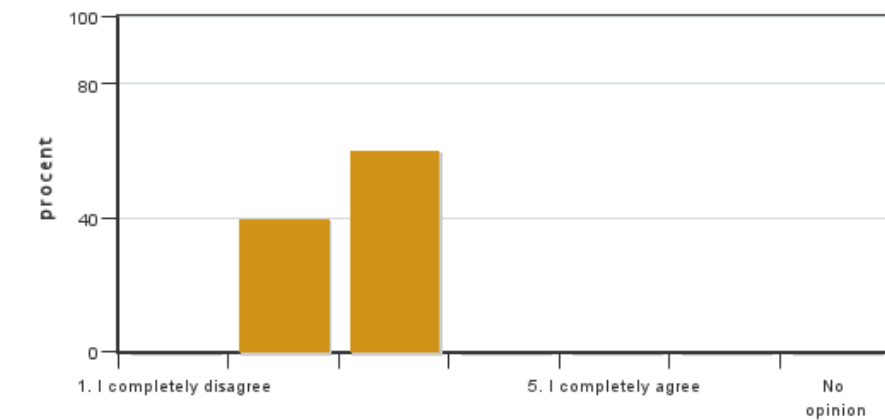


Answers: 5  
 Medel: 4,2  
 Median: 4

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

No opinion: 0

**4. The information about the course was easily accessible.**

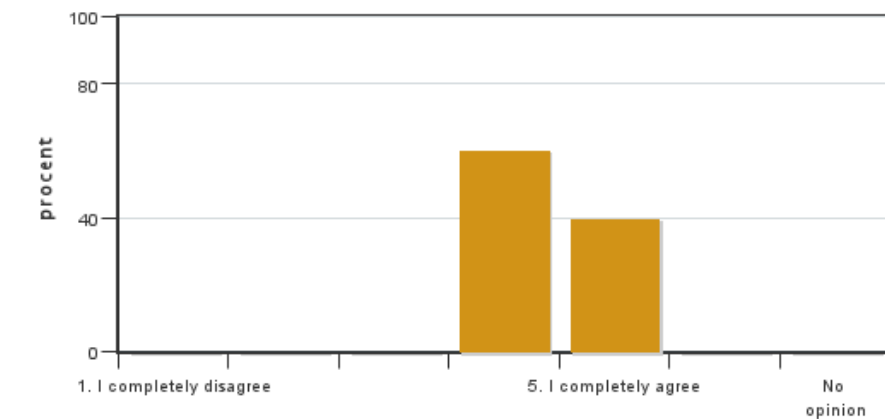


Answers: 5  
 Medel: 2,6  
 Median: 3

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

No opinion: 0

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

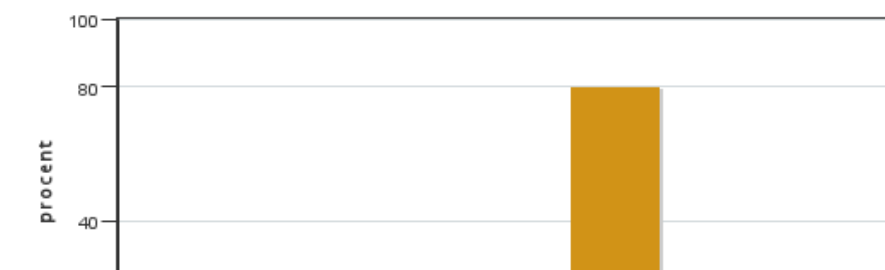


Answers: 5  
 Medel: 4,4  
 Median: 4

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

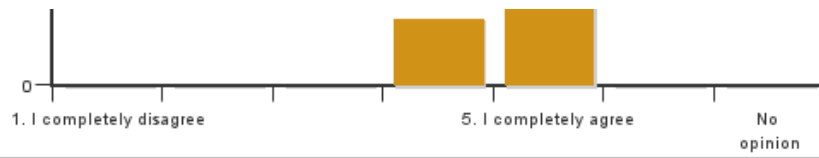
No opinion: 0

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



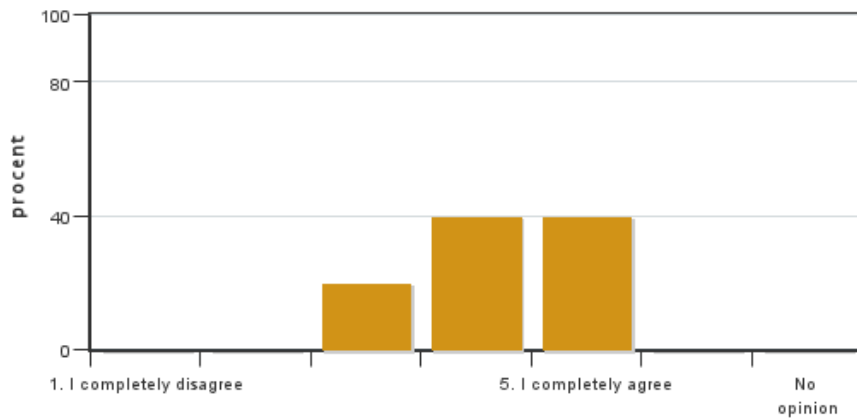
Answers: 5  
 Medel: 4,8  
 Median: 5

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



No opinion: 0

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

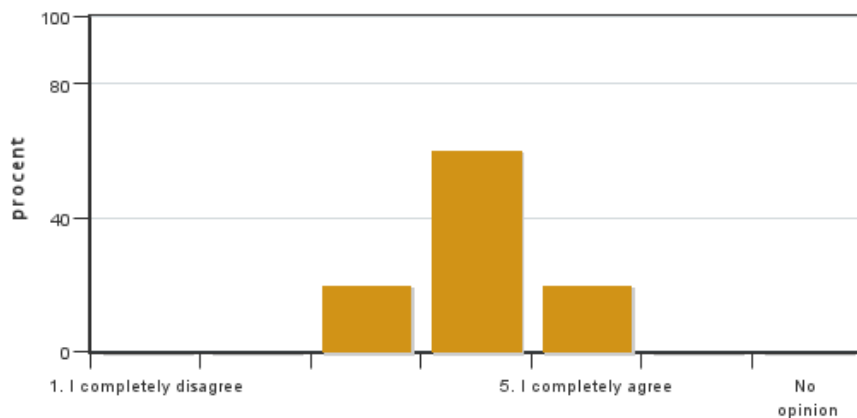


Answers: 5  
Medel: 4,2  
Median: 4

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

No opinion: 0

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

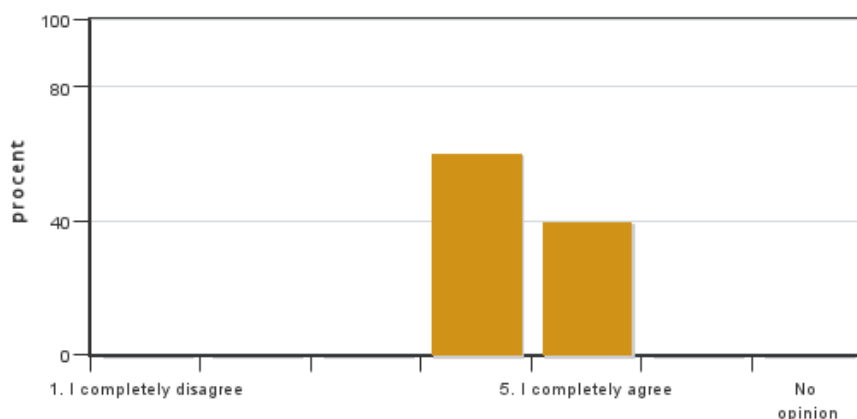


Answers: 5  
Medel: 4,0  
Median: 4

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

No opinion: 0

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

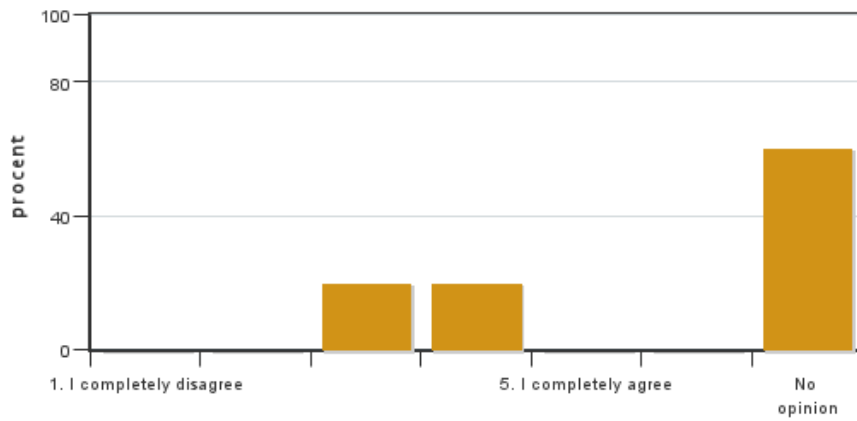


Answers: 5  
Medel: 4,4  
Median: 4

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

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).**

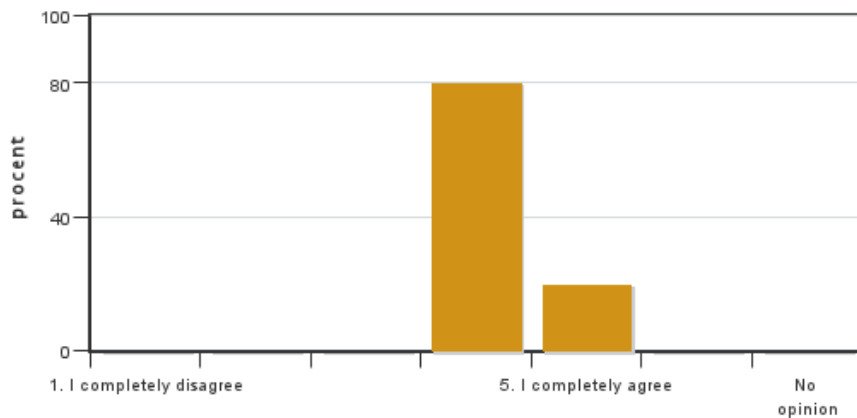


Answers: 5  
 Medel: 3,5  
 Median: 3

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

No opinion: 3

**11. The course covered international perspectives.**

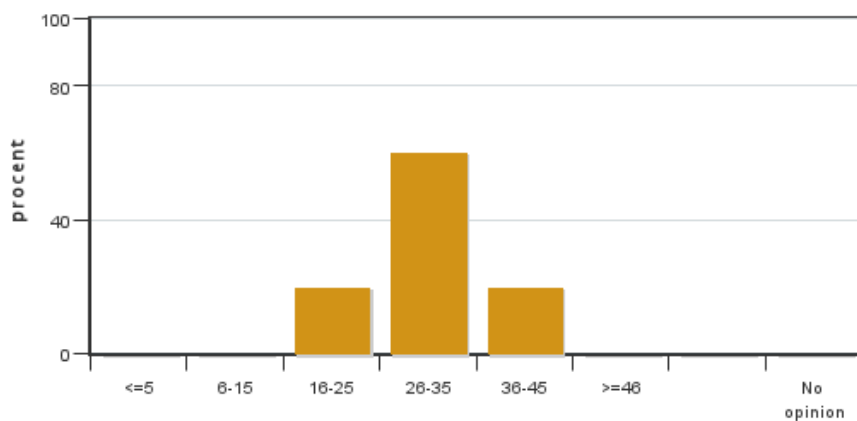


Answers: 5  
 Medel: 4,2  
 Median: 4

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

No opinion: 0

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

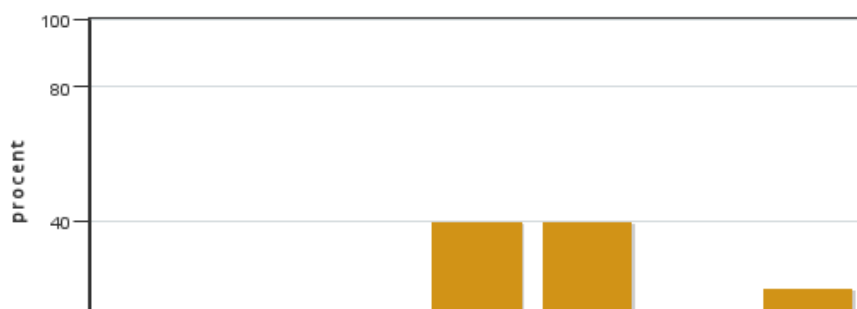


Answers: 5  
 Medel: 30,0  
 Median: 26-35

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

No opinion: 0

**13. If relevant, what is your overall experience of participating in all or part of your course online?**



Answers: 5  
 Medel: 4,5  
 Median: 4

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

No opinion: 1



14. If relevant, please share what worked well when participating in teaching on distance

15. If relevant, please share what worked less well when participating in teaching on distance

## Course leaders comments

### Course “Wood Science and Technology”, 15 credits (SG0213)

The Wood Science and Technology course was ran between 16 January and 21 March 2023 and attended by 5 students with identical background and prior knowledge on the subject area with one exception (a student from UU). As always, we introduce the subject areas in simple terms leading on to aspects that were more complex to ensure that everyone follows. Thus, it is positive from the general evaluation that we were successful. We appreciate the good reviews from the students – an average of 4.4 out of 5.0 is a good result. We employed conventional lectures (83 h), seminars (12 h), excursions (4) and demonstrations (16 h) in systematic in order to convey our knowledge and demonstrate the research and industrial achievements. The students appreciated this.

#### Overall impression

- 1) We performed the 15-week course with “in-house” lecturers with *only one* external contribution on specialized aspects (Patrice Godonou from Svenskt Trä). This was appreciated by the students and allowed establishment of a good working relationship and avoided unnecessary repetition.
- 2) The course was improved by including some aspects of wood as a biofuel and supported by lectures of Erik Anerud, Michael Finell and Magnus Rudolfsson from SBT, Umeå.
- 3) We used a program of seminars after each subject block where the students studied specific questions in small groups of 2 and 3 students. Each group and individual then gave presentations to the entire class. These 3-hour-long seminar classes were much appreciated.
- 4) Four study trips was organized to a sawmill (Sätra, Nyby sawmill), pulp and paper mill (Stora Enso), wood protection company (Valbo Trä AB) and secondary product manufacturer (Craton AB in Söderhamn) which was highly appreciated by the students.
- 5) We were pleased to see the enthusiasm/dedication of the students and standard of their English. Although online, all moments of the course (lectures/seminars) were very well attended and only rarely some student was absent through illness. This provided a good teaching atmosphere to the course and the entire group functioned very well.
- 6) At the end of the course, we discussed again the experience and level, which the students had achieved. All students considered they had improved considerably even those who had previous experience in the subject area.
- 7) Concerning the oral examination, we feel it is a good way for communicating and determining the student knowledge in the subject area. We also apply the continuous assessment principle of the group seminars. However, we take on-board the single comment of a student regarding the difficulty to answer directly the questions.
- 8) Canvas was used to distribute the course materials to the students. The link was well organized and easily available for the students. We will continue in the same way next year. The use of Canvas can be improved further because not all of the lecturers used it, i.e. some OHs were conveyed as hard copies or by e-mail. The above explains the mild critic of the students to this practicality of the course.

#### Things to consider for the course in 2024

- 1) The study trips play important role for the student's learning and are very much appreciated. We plan to diversify the industry visits to either a glulam and/or biotech facility in the 2024 course.

On behalf of all the lecturers I would like to thank the students for their good participation (all lectures were almost fully attended!), interactions and interest in the wood science and technology subject area.

## **Student representatives comments**

No comments from the student representatives

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Kontakta support: [support@slu.se](mailto:support@slu.se) - 018-67 6600