Animal genetics - health, behaviour and welfare
HV0167, 40113.1819

15 Hp
Pace of study = 100%
Education cycle = Advanced

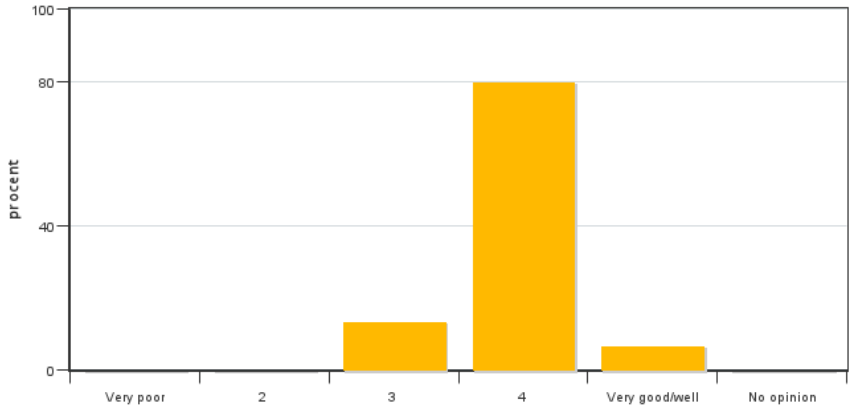
Evaluation report

Evaluation period: 2019-06-02 - 2019-06-17

Answers	15
Number of students	19
Answer frequency	78 %

Mandatory standard questions

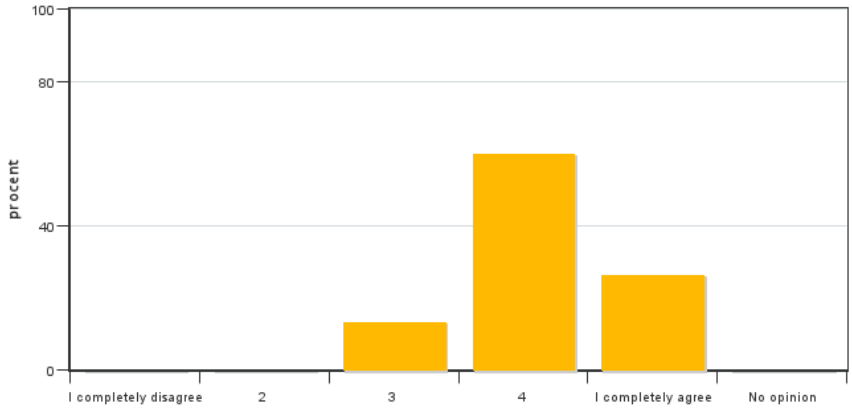
1. My overall impression of the course is:



Number of answers: 15
Average: 3,9
Median: 4

Very poor : 0
2: 0
3: 2
4: 12
Very good/well: 1
No opinion: 0

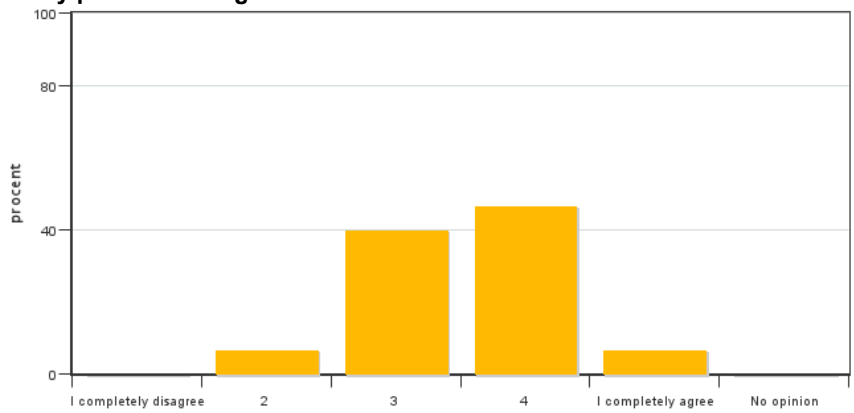
2. I found the course content to have clear links to the learning objectives of the course.



Number of answers: 15
Average: 4,1
Median: 4

I completely disagree: 0
2: 0
3: 2
4: 9
I completely agree: 4
No opinion: 0

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

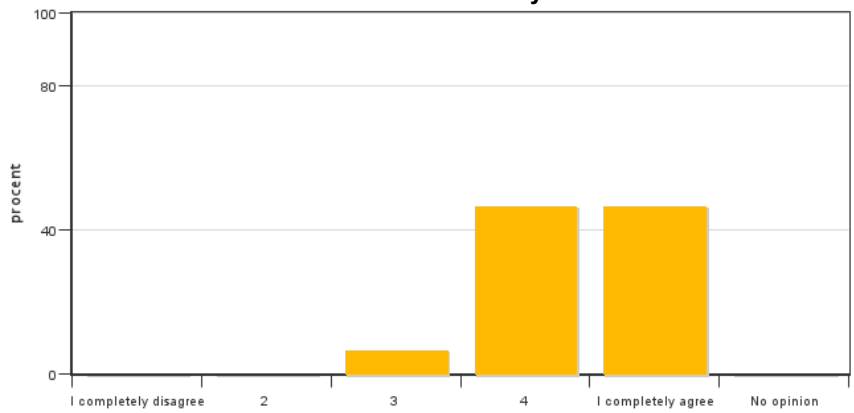


Number of answers: 15
Average: 3,5
Median: 4

I completely disagree: 0
2: 1
3: 6
4: 7
I completely agree: 1

No opinion: 0

4. The information about the course was easily accessible.

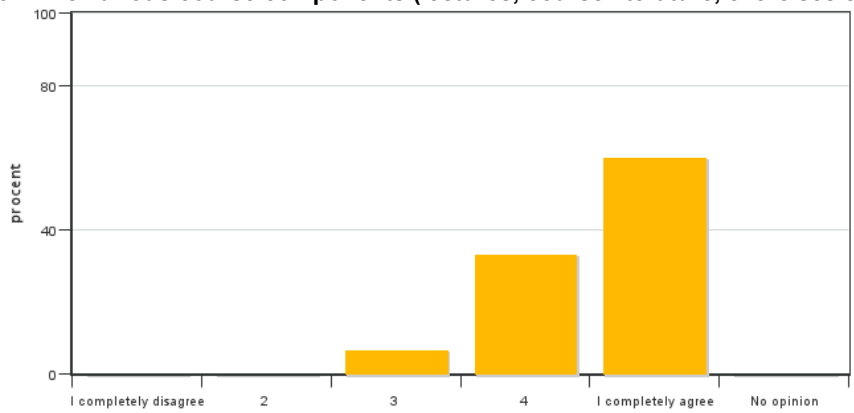


Number of answers: 15
Average: 4,4
Median: 4

I completely disagree: 0
2: 0
3: 1
4: 7
I completely agree: 7

No opinion: 0

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

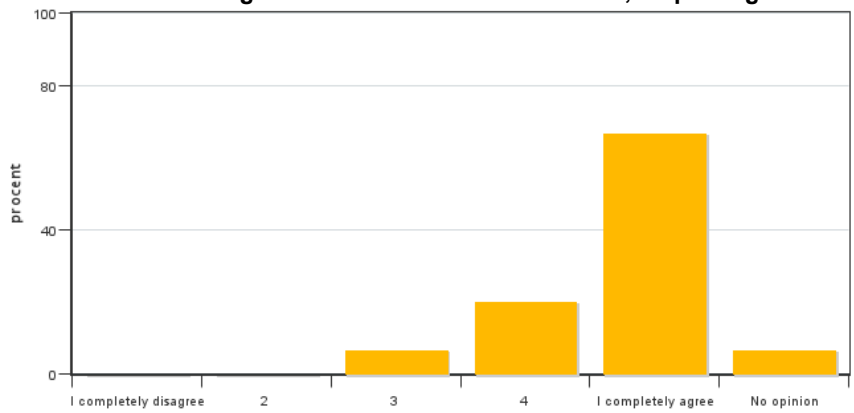


Number of answers: 15
Average: 4,5
Median: 5

I completely disagree: 0
2: 0
3: 1
4: 5
I completely agree: 9

No opinion: 0

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

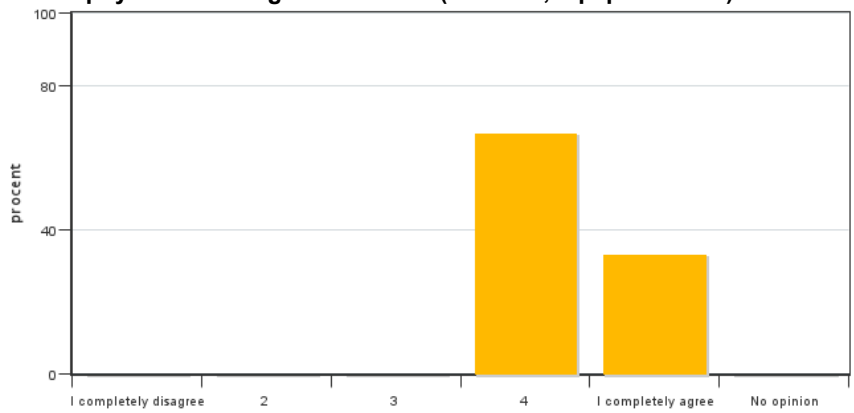


Number of answers: 15
Average: 4,6
Median: 5

I completely disagree: 0
2: 0
3: 1
4: 3
I completely agree: 10

No opinion: 1

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

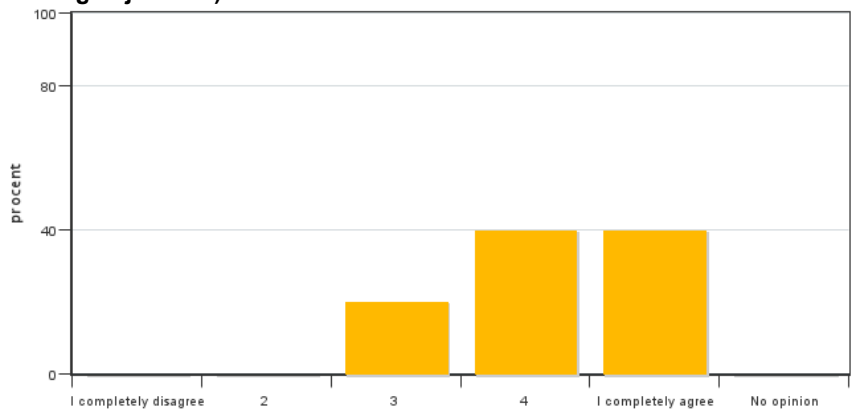


Number of answers: 15
Average: 4,3
Median: 4

I completely disagree: 0
2: 0
3: 0
4: 10
I completely agree: 5

No opinion: 0

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

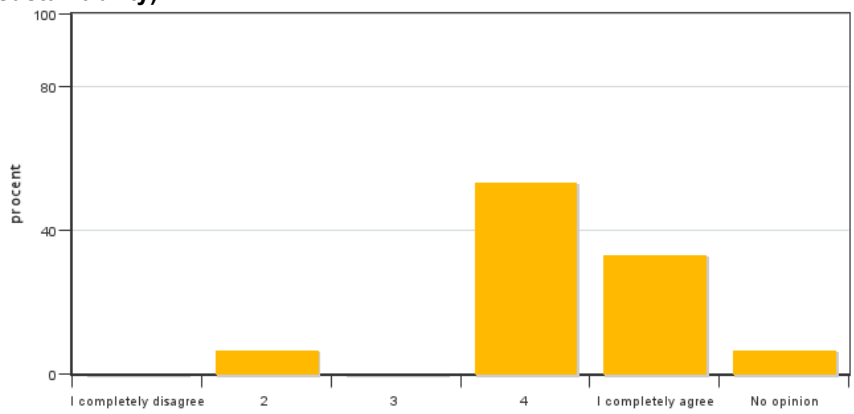


Number of answers: 15
Average: 4,2
Median: 4

I completely disagree: 0
2: 0
3: 3
4: 6
I completely agree: 6

No opinion: 0

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

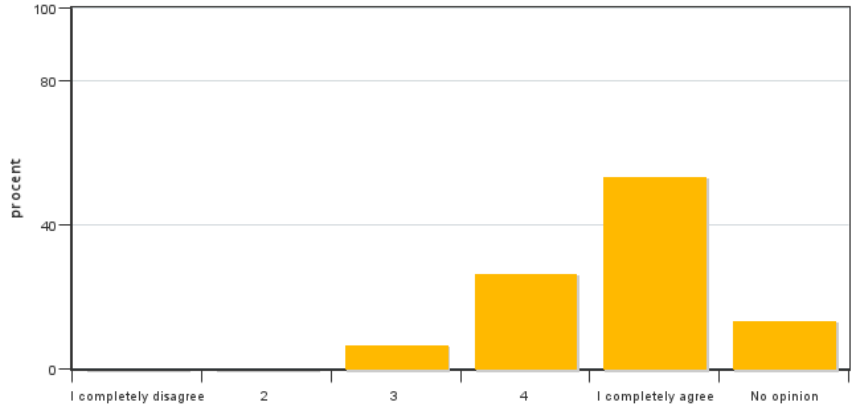


Number of answers: 15
Average: 4,2
Median: 4

I completely disagree: 0
2: 1
3: 0
4: 8
I completely agree: 5

No opinion: 1

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).

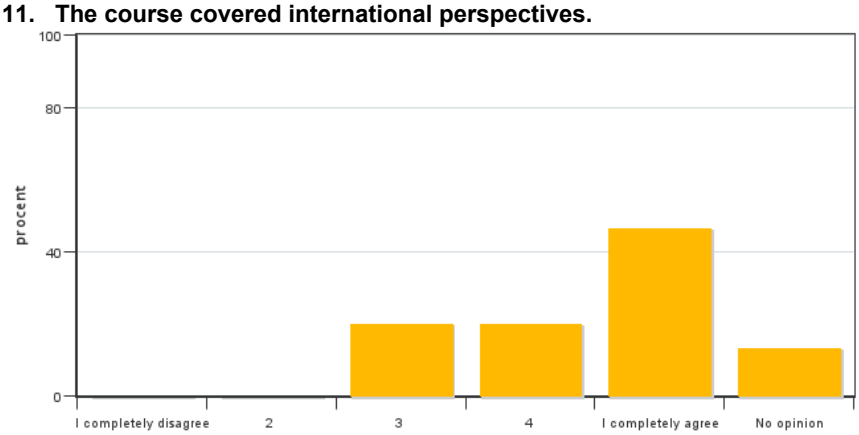


Number of answers: 15
Average: 4,5
Median: 5

I completely disagree: 0
2: 0
3: 1
4: 4
I completely agree: 8

No opinion: 2

11. The course covered international perspectives.

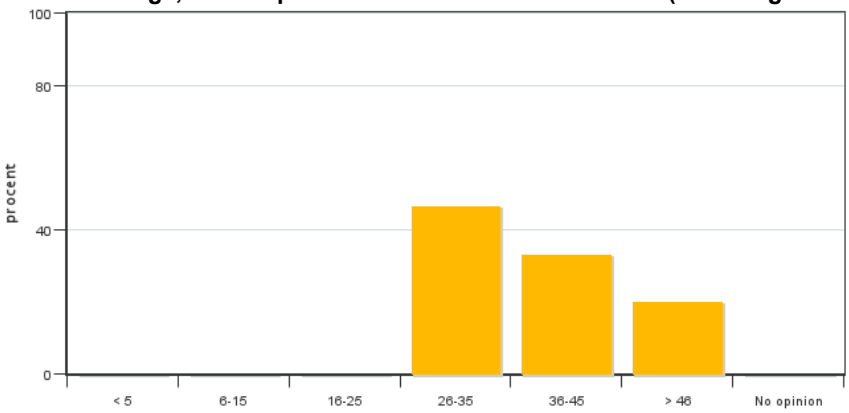


Number of answers: 15
Average: 4,3
Median: 5

I completely disagree: 0
2: 0
3: 3
4: 3
I completely agree: 7

No opinion: 2

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



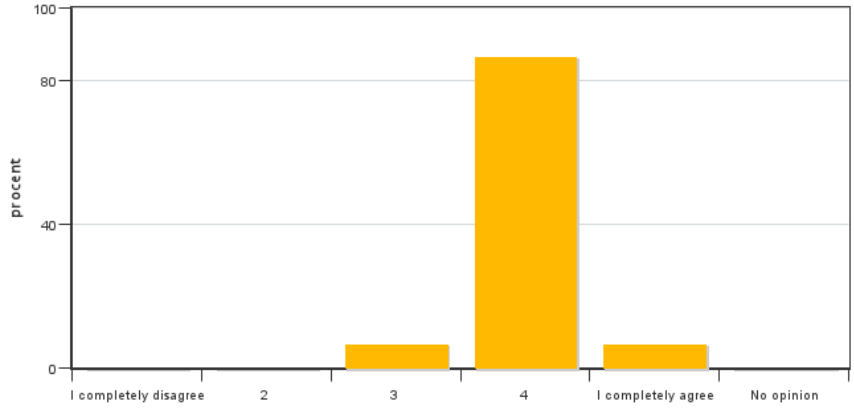
Number of answers: 15
Average: 36,5
Median: 36-45

< 5: 0
6-15: 0
16-25: 0
26-35: 7
36-45: 5
> 46: 3

No opinion: 0

Additional own questions

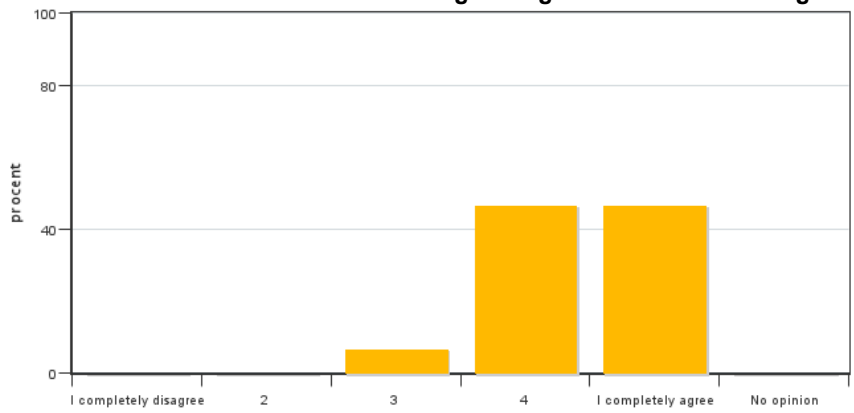
13. The lectures were well planned and supported my learning.



Number of answers: 15

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

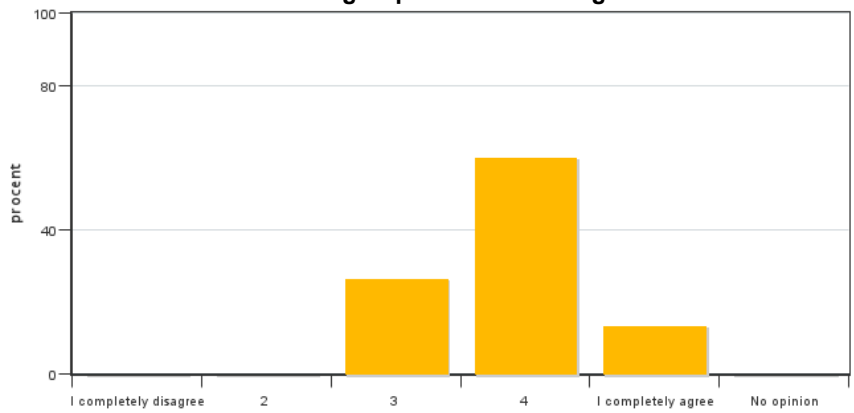
14. The course literature was interesting and I gained useful knowledge.



Number of answers: 15

I completely disagree: 0
2: 0
3: 1
4: 7
I completely agree: 7
No opinion: 0

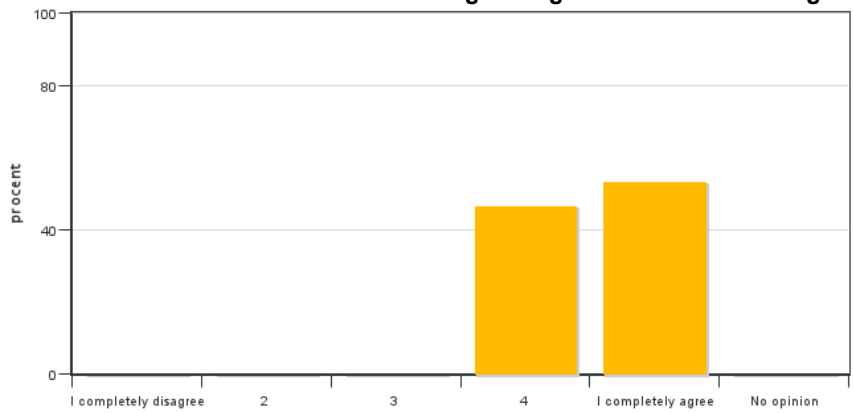
15. The case studies done in groups were well designed.



Number of answers: 15

I completely disagree: 0
2: 0
3: 4
4: 9
I completely agree: 2
No opinion: 0

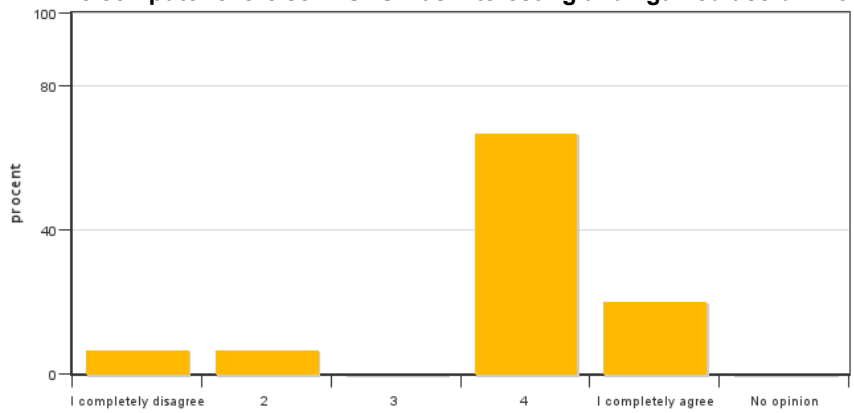
16. The 4 different cases were interesting and I gained useful knowledge.



Number of answers: 15

I completely disagree: 0
2: 0
3: 0
4: 7
I completely agree: 8
No opinion: 0

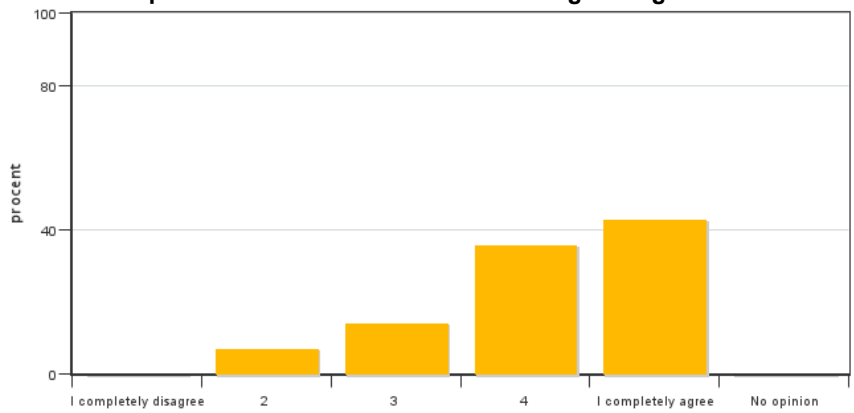
17. The computer exercise in SAS was interesting and I gained useful knowledge.



Number of answers: 15

I completely disagree: 1
2: 1
3: 0
4: 10
I completely agree: 3
No opinion: 0

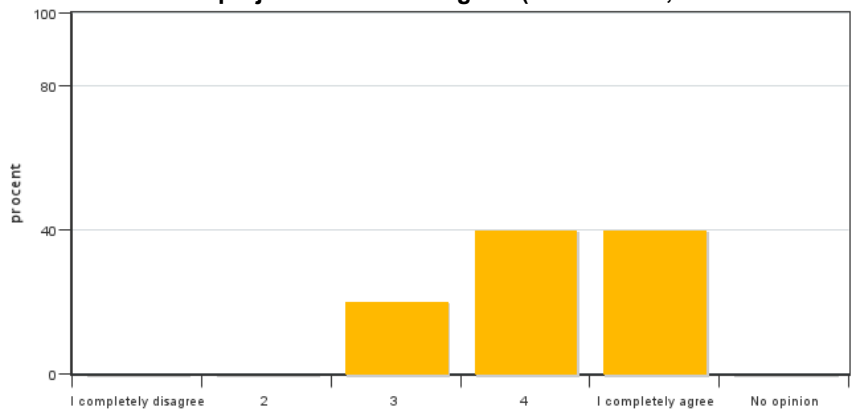
18. The computer exercise in DMU was interesting and I gained useful knowledge.



Number of answers: 14

I completely disagree: 0
2: 1
3: 2
4: 5
I completely agree: 6
No opinion: 0

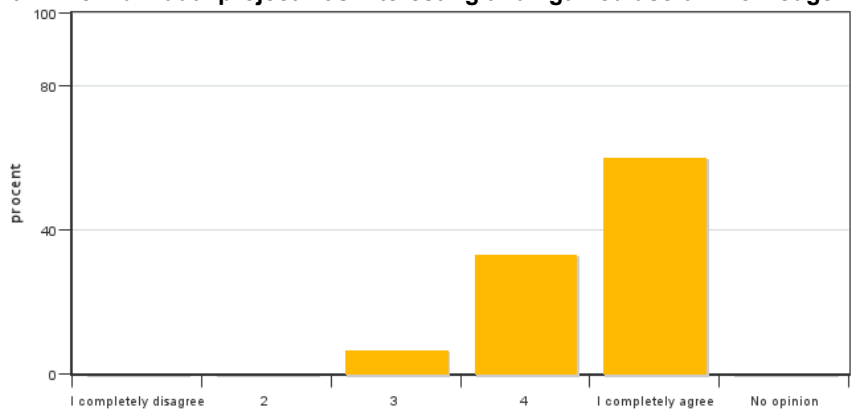
19. The individual project was well designed (instructions, time schedule…)



Number of answers: 15

I completely disagree: 0
2: 0
3: 3
4: 6
I completely agree: 6
No opinion: 0

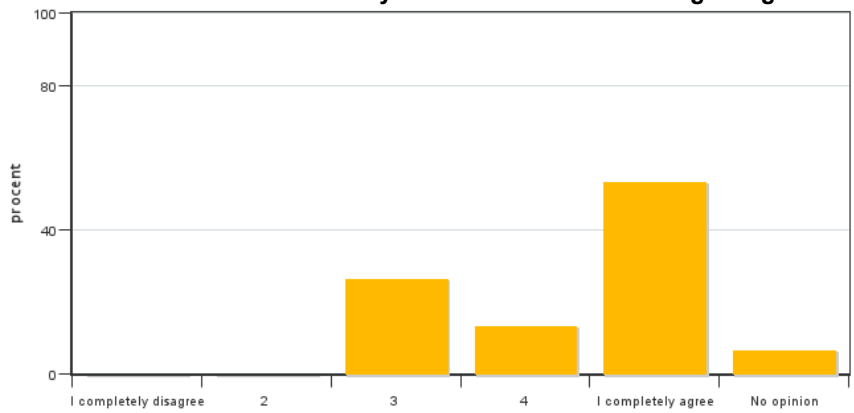
20. The individual project was interesting and I gained useful knowledge.



Number of answers: 15

I completely disagree: 0
2: 0
3: 1
4: 5
I completely agree: 9
No opinion: 0

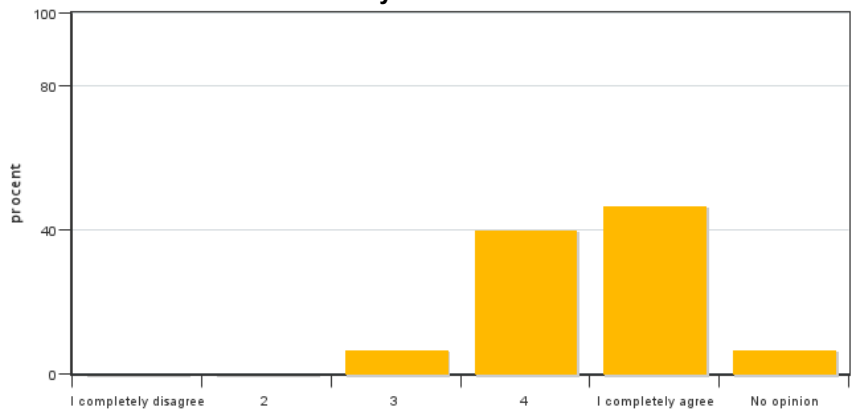
21. This course has increased my interest in animal breeding and genetics.



Number of answers: 15

I completely disagree: 0
2: 0
3: 4
4: 2
I completely agree: 8
No opinion: 1

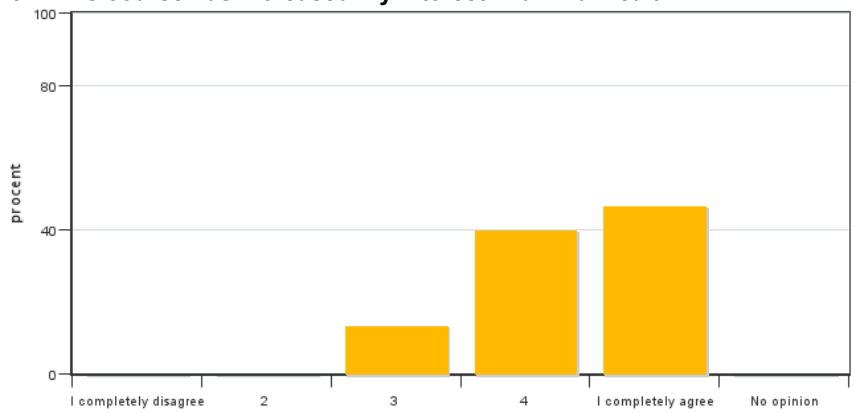
22. This course has increased my interest in animal behaviour.



Number of answers: 15

I completely disagree: 0
2: 0
3: 1
4: 6
I completely agree: 7
No opinion: 1

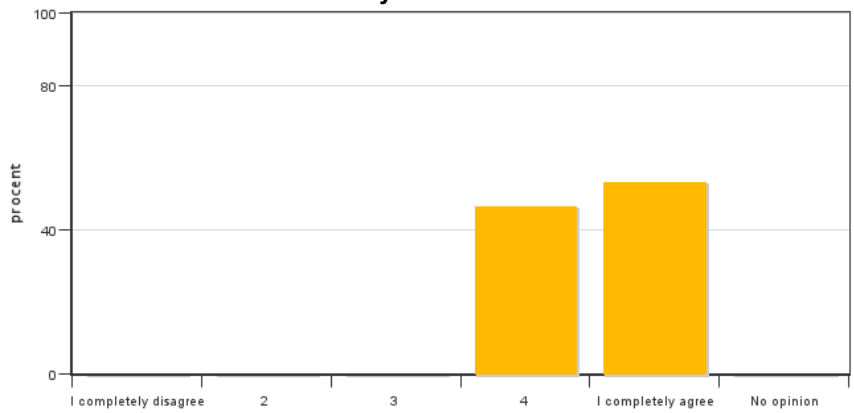
23. This course has increased my interest in animal health.



Number of answers: 15

I completely disagree: 0
2: 0
3: 2
4: 6
I completely agree: 7
No opinion: 0

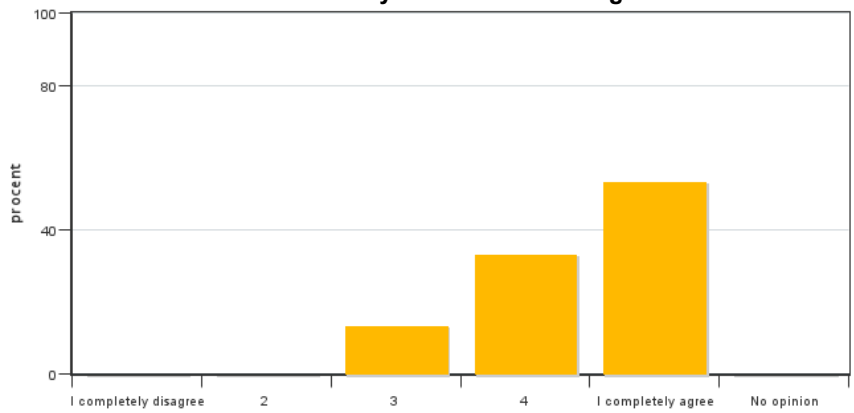
24. This course has increased my interest in animal welfare.



Number of answers: 15

I completely disagree: 0
2: 0
3: 0
4: 7
I completely agree: 8
No opinion: 0

25. This course has increased my interest for working in research in the future.



Number of answers: 15

I completely disagree: 0
2: 0
3: 2
4: 5
I completely agree: 8
No opinion: 0

26. In this course, I especially appreciated…

26. How can we improve the course?

26. My tips to the lecturers for next year are…

26. My tips to the students for next year are…

Course leaders comments

We had 18 students this year and 15 answered the written course evaluation. The answers are in line with the comments given at the oral course evaluation.

The students' overall impression of the course was high and the teachers are also satisfied with the course. It is an intensive course with many different course moments and several deadlines but this year the students managed to follow the schedule and their presence on lectures was higher than last year. The wide range in students' prerequisites is a challenge for both teachers and course fellow students. The quiz that we introduced this year was a good idea and it will be developed to a web-based quiz next year, as recommended by the students. Some students would need more lectures, especially about genetic methods. We had added a basic lecture on molecular genetics this year and will expand it next year. We will also try to make a kind of 'guide' describing what method to use for what purpose and relate to lectures and course literature.

The individual project, where the students write a research application, was appreciated. The students want to see an example of an application before starting the project, but we are hesitating. An article about how to write a winning application will be added to the course list. We will remind the supervisors about giving feedback in time. The two days of presentations went very well this year and the students had many questions on other students' projects. This was a happy surprise since the students were pretty quiet during lectures.

The students liked the structure of the group work, changing cases between three steps. Last year it was suggested that the next group continues on the report of the previous group, resulting in one report per case describing all three steps. This new way of creating the report worked well. The students want an additional check point at each step, but we are not sure that is needed. The instructions, especially the questions for each case at each step, will however be improved.

The computer exercises are challenging for some of the students but most students agree that they are an important part of the course. The students really appreciate that several teachers are present at the exercise. Again IT service had not done their job. This is extremely frustrating for students and teachers. IT service *must* check that the programs used in the computer exercises work for the students in the computer room. It would be good to do the exercise in R instead of SAS, but we are not sure we will make this change already next year. We will book a larger room (one computer per student) for the computer exercises next year. The written feedback on the computer exercise reports should come earlier too enhance the learning.

The schedule worked well this year, but the students prefer to start at 9.15 in the mornings and the schedule will be changed accordingly next year. We should also rememeber to book rooms suitable for group discussions for the check points.

Internal comments

Student representatives comments

The course is really good, with the exception of a few small points that were addressed by the students in the course evaluation. The main ones I retain are:

1. The connection between the lecture to make a whole are not always clear finding a way to improve it for the next years would be nice.
2. A slightly more in-depth explanation of SAS or the use of R would help the realisation of the computer exercise.
3. Having a second checkpoint in the group work would help, especially for the step2
4. The supervisors for the individual project don't always send the comments of the draft on time! trying to ensure some kind of work time equity for all student would make the individual project close to perfect

The most positive things about this course that I want to be kept in the next years are:

1. The variety of works (group, individual, the test) and the diversity of teacher make it pleasant to follow and avoid the potential repetitive side of the course
2. With enough work and willingness from the student, we can learn a lot about animal genetics, health, welfare, breeding even without much prior knowledge
3. The overall spirit of the whole classes more about learning/teaching than grading.

The course is good with some little adjustment it could become amazing