

Comments to the course evaluations KEMM01 VT2019 by the course responsible.

The comments are based on the following material.

The course evaluation with the course representatives (copy enclosed)

The written course evaluation (copy enclosed).

Midterm course evaluation with the course representatives (copy enclosed).

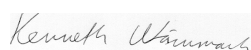
Notably:

- 1) The work load is considered to be high
- 2) The course is rewarding
- 3) Over all very good evaluation
- 4) The students' interest in organic chemistry had not changed or increased after the course.
- 5) The revision exercises were much appreciated
- 6) Many students have "sometimes" prepared the lectures/self-study sessions/exercise sessions in advance.
- 7) The course is intense
- 8) Around 80% of the students passed the course after exam and re-exam
- 9) The lab course was not to satisfaction this year either. This year there were problems with the engagement with of the teaching assistants.
- 10) A note about a discrepancy between theory and lab course and some of the labs.
- 11) Some of the labs were considered to be too easy.
- 12) The evaluation shows that the students were in general happy with the course.

Actions to be taken

- 1) The problem with the lab course is related to the fact that the students have very different backgrounds – we need a simpler lab in the beginning for everybody to catch up.
- 2) More difficult with the TA. I have had meetings about this with the TA:s.
- 3) We have gone through all the laborations again and corrected where needed based on the comments from the students and the TA:s. In thios process we have also checked the relevance of each lab to the theory course. They are all relevant. We are covering the theory course quite well with all the labs together.
- 4) There will be one week off from theory in the middle of the course next year. This will give a chance for the students to catch up.

Lund 2019-06-13



Kenneth Wärnmark

Meeting notes

Date: June 4th 2019

Topic: Course evaluation

Regarding the concerns and complaints laid out by the students during the mid-term course evaluation, the changes that were made by Kenneth were very well received and helped alleviate some of the pressure of participating during exercises.

Overall, a majority of the students experienced the course to be very full with all of the exercises, labs and the material in general. However, this does not mean that the information in this course was thought to be superfluous, quite the contrary. All of the knowledge and techniques shown and/or learned during this course was seen as vital information for organic synthesis.

George

**Course evaluation "organic chemistry, advanced course"
(KEMM01), 15 ECTS, Spring 2019**

To be handed in to Kenneth no later than Friday, March 22, 2019 in order to pass the course! Either hand it over to Kenneth in class or in office before the 22th or at the start of the exam. The course evaluation is a compulsory part of the course but of you can hand it in "blank" if you so wish. Your anonymity will be secured.

How do you evaluate the different parts (circle one alternative)

Pericyclic reactions, physical organic chemistry

How relevant is this part?	very little	little	much	very much
What about the quality of what you learned	bad	acceptable	good	very good
Quantity	too little	just right		too much
Text book	bad	acceptable	good	very good
Your performance	bad	acceptable	well	very well
Amount of exercise sessions	too little	just right		too much

Organic synthesis

How relevant is this part?	very little	little	much	very much
What about the quality of what you learned	bad	acceptable	good	very good
Quantity	too little	just right		too much
Text book	bad	acceptable	good	very good
Your performance	bad	acceptable	well	very well
Amount of exercise sessions	too little	just right		too much

Lab-course.

How relevant is this part?	very little	little	much	very much
What about the quality of what you learned	bad	acceptable	good	very good
Quantity	too little	just right		too much
Writing of lab.reports	too little	just right		too much
Your performance	bad	acceptable	well	very well

Revision exercises.

How relevant is this part?

very little | little | much | very much

What about the quality of what you learned

bad | acceptable | good | very good

Quantity

too little | just right | too much

Your performance

bad | acceptable | well | very well

Details (circle one alternative)

Have you prepared the lectures/self-study sessions by reading the corresponding chapter the textbook in advance?

never | rarely | sometimes | always

Have you prepared the exercises in advance?

never | rarely | sometimes | always

Have you prepared the laborations in advance?

never | rarely | sometimes | always

Comments:

The instructions for labs were often given right before → had to plan quickly. Hard to prepare labs in advance → instructions late. The lecture notes far better than the text book.

Summary (circle one alternative)

What is your opinion about the ambition of this course

too low | low | ok | high | too high

Have your previous courses in organic chemistry prepared you for this course?

yes | no

What about the amount of work?

too little | ok | too much

Has the course fulfilled your expectations?

yes | no

After this course my interest in organic chemistry has

decreased | not changed | increased

What do you think about the atmosphere in the course?

very bad | bad | ok | good | very good

Try to summarize the course in **one** word:

Interesting. Quality. varying much

Comments: Sometimes the labs were handed to the student very close to the lab, which limited the preparation time. The time pressure is too much work on too little time. The lab took too much time. More time is needed for studying to the exam.

What has been good in the course KEMM01?

- 1) Teacher and the whole group. The theory part, the lecturing and exercises was good. It was also good that we had more lectures than in the intermediate ~~part~~ course.

What has not been good in the course?

- 2) The lecture notes can be difficult to read sometimes. Difficult to see what is written/diagrams. Lab course.
- 3) How could the self-study sessions be improved? →
Lecture part could have started a bit earlier (9.30). No improvements needed, it was good. Perhaps 2 revision exercises since we finished the first in time.
- 4) What would you like to change?
Make lab course more relevant. At the moment it just felt like something to get through. The lab course
I want to change the first two labs.
- 5) What is missing?
— Nothing's missing, one week free from school stuff. To catch up on stuff. Just like when Kenneth was in appeals.

Is there any part of the course that you would like to remove?

- 6) The end (eg. KWS1, 52) were stressful since so close to exam. Maybe some part of the lab, to get more time to study. The lab took very much time but I didn't feel that we learned a lot. No.
- 7) Are there any laborations that should be removed or changed?
Lab 2 (but) was too excessive. Basically did the same lab 3 times with very little variation. And first lab was point less. The fourth lab, when Zelle was

Other comments (please use the back of this page if you need more space)

- 8) Some of the lecture notes as hand outs was hard to read, may re-do them in the computer. But in general the lecture notes was good. Used, because it wasn't easy to get a successful result, many of us failed.
- I expected the lab course to be more individual work and responsibility.

- 1) Teaching: Lecture part of the self-studies, lab course, the TA of one of the groups was very helpful and gave very good criticism on reports as well as very nice help with practical part. The exercises, Kenneth's enthusiasm and passion for the subject.
- 2) Self-studies - sometimes not as productive as lecture parts. The little time we got for just the day before. Too much work in the lab and too little time for theory study.
- 3) Shorter self study, more lecture. I would like to study at home instead of studying in a classroom without windows.
- 4) Level of independence in the lab course could increase. Less focus on exams. Decrease the time spent in lab and get more time to study for the exam.
- 5) More practice in retrosynthesis. Time to study theory nothing or maybe more practice on retrosynthesis.
- 6) - Not that I can think of.
- 7) The Wentzsch - pyridine synthesis should be replaced with something advanced Lab 10.
- 8) Due to scheduling issues one week before the exam new material was done, which stressed out some of the students. Maybe more exercise sessions. Very different amount of work put in by the T.A.s led to very different perceptions and experience in the lab course.

7) Increase the amount of starting material in lab 2, because many students did not get any product

8) I think it is very sad that I probably will not pass the exam the first time because too much time has been spent with the labs so I have not had enough time to study for the exam. I know that almost everyone feel the same too