

## Course evaluation GEOM05 – 2015

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How demanding is the course in relation to other courses that the students have attended

- 8/10 (n=7)
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Learning outcomes compared to previous courses

- 8,5/10 (n=7)
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Overall rating of the course

- 9,3/10 (n=7)
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In this course we have a focus on **deep learning** (i.e. exploration in greater detail, the desire to understand the basic principles, the ability to put forward your own arguments as opposed to memorising rather than understanding – shallow learning). To what extent do the students think we succeed, and what can be improved.

- There is general agreement that the focus on deep learning is successful, in particular the Grande Finale.
- It was noted that the Grande finale was "*One of the best exercises I have ever done in any course ever*" student J.D.

**It was suggested that we consider changing:**

- The structure of the thermodynamics, and the following suggestions were put forward:
  - Avoid calculations in the current way.
  - Aim at a more conceptual approach to thermodynamics.
  - Consider a similar approach as for the normative mineralogy.
  - Consider applying thermodynamics to other aspects of the course.
  - Do not take thermodynamics out, but aim to simplify it.

- It was suggested that we consider moving the Hakefjorden material and exercises to the field trip.

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### Comments and suggestions regarding the course structure

- Quizzes forces the students to work and learn early on. Keep them as is.
- *"The best course I have ever taken at University thanks to all the different tasks"*  
Filippa
- The students appreciate that there are so many teachers that can help with problems.
- Good with such a wide variety of learning styles with seminars, practical tasks, quizzes, lectures et.c.
- The regional seminars are useful.
- With respect to the many seminars, one student thought it was very nerv wrecking stepping into the lecture room to give her/his presentation, but felt safe and relaxed once she/he got into the lecture room thanks to the relaxing and warm atmosphere. Another student added that she/he felt that the lecturers cared for the students and that the students were trusted.
- This year, the course was located in one lecture room throughout the course. The students thought this was very beneficial as the lecture room became their "office". It was suggested that the department should aim at doing this as often as possible.

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The field trip was revised for 2015, and the students think it works well in its current format and that it does not require any changes.

The students are well pleased with the course literature, which they think is very good.

### Comments regarding exercises and practicals

- Good with practical feeling of SEM work, but the lecture was rather boring. This could be improved if the order is reversed to some extent. It is suggested that we start with the practical and use the images and other materials in the lecture. Also consider a seminar.

## COURSE LEADERS' CONSIDERATIONS AND SUGGESTIONS/ FOR FURTHER DEVELOPMENT OF GEOM05

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### Comments and suggestions regarding the examination form

- The students think that a written exam in addition to the hand-ins, practicals and seminars is useful, and that we should not give up on a final written exam.

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### Final comments

- The students think it is good that we allow for lots of questions during lectures and that we added extra lectures to make up for lost time due to the large number of questions in some lectures.
- The students should get more time for revision for the final written exam.