

# 3-årig emneevaluering: GEOV 251

**Emne: Advanced structural geology and tectonics**

**Semester og år for gjennomført emneevaluering: høst 2020-2022**

**Navn på emneansvarlig(e): Joachim Jacobs**

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In the past three years, the course was run twice with 2 weekly lectures, followed by two weekly practicals, conducted by two lecturers. In 2021, part of the lectures and practicals were conducted as a block course at the beginning of the semester. The course usually attracts ca. 8-16 students. As the 2 weekly lectures are followed directly by the 2 weekly practical hours, we usually reach high student attendance also in the lectures. In 2021, the first part of the course (J. Jacobs) was conducted as a block course, as Jacobs was on sabbatical leave for the last four months of the year. The block course went very well. Weather-dependent, we include a field day at Sandviken conglomerate. A field day early on in the course worked particularly well in the way that students with different background, Bergen-students, Erasmus-students, students who previously studied at UiO or UiT, got to know each other well, which was very positive for an open learning environment during the course.

The course regularly attracts Erasmus and PhD students, who usually have no background in structural geology from our department. Some of these external students had a marginal level of knowledge in structural geology, which meant that some of them needed to follow a steep learning curve. It was therefore particularly useful to have a teaching assistant on board, who helped to bring these students to the same level than the other students.

In the last two course sessions, we organize blocks of seminars, in which the students apply the theoretical background they learned as well as methods from the practicals to the local geology of Bergen, the Caledonides, Baltic and the North Sea. In these seminars the different learning levels become apparent, which is later often symmetrically reflected in the exam results. The seminar presentations are the only part of the course that are obligatory.

The course has been evaluated by students on average as very good (B), although I see that only part of the students actually evaluated the course. My impression is that foreign students rather don't evaluate a course, not sure whether this reflects that they do not find the English version of the forms. Students point out the good support during the practicals, a balanced work-load, and that they think that the course is valuable for their future studies.

Learning outcomes: after each block of lectures/practicals we define learning outcomes, which students can use for learning outside the course and for preparing for the exams. The overall good exam results show that this mostly works. Our learning outcomes and exam forms match those in UiB's course descriptions.

We think that the present course design, consisting of lectures, practicals, seminars and a field day together form a good course design with good learning outcomes. The course largely meets the aims of the study program.