

3-årig emneevaluering: GEOV254

Emne: Geodynamics and basin modelling

Semester og år for gjennomført emneevaluering: fall 2022

Navn på emneansvarlig(e): Ritske Huismans

Innhold:

1. Beskriv og begrunn pedagogiske valg i emnet, reflekter over studentens læring som følge av disse valgene.

Students get exposed to a broad range of activities, lectures, hands on exercises using programming, literature reading, preparing a seminar, and writing a assignment on 2 research papers of their choice from a range of relevant topics in geodynamics. Students get hand on experience with quantitative problem solving in geodynamics. A large part of the course focusses on using and modifying matlab programs with applications of heat diffusion, isostasy, erosion, rheology to plate tectonic rifting, ocean spreading, mountain building. Students are also introduced to research papers that they have to read, prepare a presentation on, and write a 5 page max summary off. Evaluation is one overall grade based on their performance during the course, their oral and written assignment and their ability to reflect on and answer questions on all aspects of the course during an oral exam.

Emneevalueringer skal også minst omfatte:

2. Oppfølging av tidligere evalueringer

We have provided more feedback on the written assignments.

3. Studentevaluering og andre evalueringer som er relevante for emnet

Feedback from the students indicates that they would like to receive feedback on the exercises that they hand in. We plan to do this in the future.

4. Erfaringer fra andre som bidrar i undervisningen på emnet, både studenter og ansatte

It appears that it is the first time that students are expected to read research articles, give a presentation, and write a written assignment. We believe that this has strong added value for the students even if it appears to be challenging for some.

5. Strykprosenten på emnet

Zero fail procent

6. Eventuell fagfelleevaluering

7. Vurdering av samsvar mellom emnets læringsutbyttebeskrivelse og undervisnings-, lærings- og vurderingsformer

The course is given in line with the description.

- 8. Vurdering av om framdrift og opplegg for emnet er i samsvar med de fastsatte målene for emne og program**

Yes

- 9. I de tilfellene det er tilknyttet praksis eller arbeidsrelevans i emnet, skal det evalueres om ordningen fungerer tilfredsstillende.**

Not relevant