

# **Emnerapport Geofysisk institutt**

**Emne: GEOF326**

**Semester: Autumn 2011**

## **Faglærers vurdering av gjennomføring**

**Praktisk gjennomføring:** This course is the backbone of the meteorology curriculum. The language is english as there were some international students. The lecture and the exercise were compulsory to attend in order to be admitted to the exam. The course had a written mid-term exam, which turned out to be useful in assessing the level of the students in order to get the participants on a similar learning and understanding level half way through the course.

**Strykprosent og frafall:** Quite a few students were lost on the way. One student never attended the class and signed off soon thereafter. One student dropped out very early, but did not need to take this class for her master. Another student dropped out because of some absence at the beginning and a resulting struggle to re-enter the class later. One student participated the entire semester but quit his study in the week before the exam. This is very unfortunate and I, as the lecturer would have like to be more involved in, or at least informed about, the process of his drop out and reasoning for it.

**Studieinformasjon og dokumentasjon:** My space, and the emailing and file sharing through it were used to communicate with the students. The usage of this platform proved very useful throughout the course.

**Tilgang til relevant litteratur/pensum:** The book for the course is easily available via studia. The course followed the book closely throughout the semester.

## **Gruppeleders vurdering av gjennomføring**

**Praktisk gjennomføring:** Could be easily extended to a 15 ECTS course by having for example 6 hours of lecture and 3 hours of exercises a week. This would allow for both a slightly slower progress and and to cover some more advanced topics. Alternatively a new course of 5-10 ECTS covering «Advanced dynamics» could be setup.

Strykprosent og frafall: Quite a lot of «loss»: 12 registered, of which two decided right in the beginning, that this course didn't match their interest; one was away for the first couple of weeks and didn't find into the lecture afterwards. 9 took part in the Midterm exam, one of them unfortunately cancelled his study in the second half of the semester, so 8 took part in the final exam.

The administration did not relay that information to the course leaders before the final exam schedule was set up, in which the name was «missing».

Most of the students participated regularly in the exercises.

With an average grade of «B» the grades turned out very good. On average foreign students scored better than Norwegians, who were probably lacking some mathematical background (see respective comment in the student's evaluation).

Studieinformasjon og dokumentasjon: Mi-Side as an «Archive» and supplementary files; exercise sheets for the following week distributed in the end of each exercise.

Tilgang til relevant litteratur/pensum: Mostly based on book, which is easily available via Studia or the library for natural sciences.

## **Faglærers vurdering av rammevilkårene**

Lokaler og undervisningsutstyr: The lecture was held in the main lecture theater at GFI. The room is appropriate for lecturing but could be modernised with new tables and chairs.

## **Gruppeleders vurdering av rammevilkårene**

Lokaler og undervisningsutstyr: Due to a shift of the time slot for the exercises [to fit into one student's schedule] from Friday 12-14 to Friday 10-12, the exercises were held in the Auditorium in the East-Wing, which is a bit large and inflexible for exercises for 5-9 persons. A meeting room like Helland-Hansen (if it had a black board) would be better suited.

## **Studentevaluering(er)**

Metode/gjennomføring: Evalueringsskjema ble sendt ut til studentene via e-post i slutten av semesteret. Studieveileder distribuerte og laget sammendrag basert på svarene fra studentene.

Sammendrag: Studentene som har svart på undersøkelsen har meget ulik bakgrunn. Noen har bachelorgrad i meteorologi og oseanografi fra UiB eller annen utdanningsinstitusjon, noen har en annen bachelorgrad og noen er bachelorstudent. Dermed tar de også sikte på ulike utdannelser. Alle følger stort sett andre GEOF-fag parallelt med GEOF326. Alle er heltidsstudenter.

Alle har fulgt forelesningene, og har i stor grad lest på forhånd. De er godt fornøyde med forelesningenes innhold og vektlegging. Ganske fornøyde med pensumlitteraturen.

Det oppgis at både foreleser og gruppeunderviser virker godt forberedte, de forklarer på en god måte, de snakker høyt og tydelig, trekker studentene aktivt med i undervisningen i passende grad og overholder tiden. Begge er spesielt flinke til å være hjelpsomme og ta seg tid til å svare på spørsmål.

Kommentar fra student: One of the best courses I ever took.

Svarprosent: 50

## **Faglærers samlede vurdering av gjennomføring, rammevilkår og studentevalueringer**

Based on the evaluation there is not an obvious need to drastic changes of the class. However, there will be a stronger focus on student activation and coordination between lecture and exercise in the future. I will also make sure that my handwriting on the board is readable to everyone.

## **Gruppeleders samlede vurdering av gjennomføring, rammevilkår og studentevalueringer**

Taking everything into consideration, the course worked quite well, even if there is room for improvement in certain aspects.