



FACULTY OF SCIENCE

COURSE ANALYSIS

Date 2020-10-20

Department of Biology
Education- Bachelor's and Master's
level

Main Teacher: Olof Hellgren
Number of students:22
Number of answers: 11
Grades: 3 Fail (U), 15 Pass (G), 4
Pass w distinction (VG).

Course Analysis BIOR39 Biological monitoring, Spring 2020

Summary of the course evaluation

Short summary of the result: Overall the students were pleased with the course given the circumstances (grade 3,7), but did of course miss the practical's and excursions that we weren't able to conduct due to the Covid-19 situation. The students especially appreciated having weekly zoom meeting that were open for questions and thoughts regarding the previous week lectures and exercises, but felt left out of the practical exercises that is a big part of the original set-up of the course.

Comments from the teachers team

The course Biological monitoring is a course that to a large extend is about mastering practical skills in the field and depends on and is designed around field exercises and excursions. Therefor it was a huge undertaking to within 10 days change the course to a pure on-line course. Despite the obvious problems of not being able to conduct our exercises in the field, we feel that given the circumstances the course went better and felt more meaningful than we thought it would when we started to reorganize it. This was much due to the great effort and understanding from all the teachers but also from the students

Evaluation and changes made since the previous course

Due to the Covid-19 situation all sections of the course were changed in some way, the initial theoretical segments of the course were moved into zoom and to pre-recorded lectures. In some cases, new exercises were created in order to deepen the skills needed later on the course. Overall this section went ok given the short preparation time and appreciated by the students. The mid-course exam that is designed to check the theoretical skills of the students were done as a home exercise/home exam. This exam is just a check to see that all have gathered the theoretical skills needed for the practical parts of the course. All the practical field exercises were lifted out of the course. In some cases, the teachers went out in the field on their own and filmed the excursion and the practical exercises. The project-work that is usually done during the course in groups were changed to a larger remote sensing exercise that the students could do on their own using old material gathered during earlier years on the course. Finally, the Case-report that sets the grade were kept very similar to previous years with the exception that they used data collected previous years on the course and that the part that normally is done in group were lifted out and used as the individual assignment instead of the project work.

Suggested changes for the next course

Depending on the situation regarding the COVID-19 pandemic we hope that we can go back to previous years lay out with excursions and practical's in the field, either in full classes or if that is not possible divide the class up into smaller groups so that excursions can take place within the recommendations from the FHM. If not, we aim to increase the filmed material for the excursions and try to expand the exercises that can be done through on-line teaching.

Other teachers involved in the course

Pål-Axel Olsson, Olive Niyomubyeyi, Anders Hedenström, Fredrik Haas, Josefin Winberg, Viktorn Nilsson-Örtman, Ulf

Arup, Torbjörn Tylor, Anders Brodin, Per Nyström, Johan Ekros, Oskar Lövgren, Sofia Junntila, Åke Lindström.