**FACULTY
OF SCIENCE**

COURSE ANALYSIS

Date 2021-02-16

Main Teacher: Jessica Abbott
Number of students: 67
Number of answers: 43
Grades: 9 Fail (U), 6 Pass (G), 52
Pass w distinction (VG).

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

Course Analysis BIOS14 Processing and analysis of biological data, autumn 2020

Summary of the course evaluation

Overall the students were very pleased with the course (grade 4.2). The students especially appreciated the take-home exam and the quizzes, which were new for this year. Overall the online format of the course worked well, and many students liked being able to follow the course material at their own pace. However a few felt that it was difficult to keep up motivation during the online lectures. As usual, some students would have liked more theory and others less, but most students felt the balance between theory and practical work was good, even if the integration between the lectures and exercises could be improved in places.

Comments from the teachers team

The teachers on the course considered that the course was successful considering it was given fully online for the first time. Participation in the live Q&A sessions was rather low, which might be a cause for concern. However the students' performance on the exam was very good, so this does not seem to have negatively impacted their learning of the material.

Evaluation and changes made since the previous course

After the previous course we added quizzes associated with each lecture/exercise and the students found this a valuable way to test their understanding of the material. Several commented that they liked the fact that the quizzes were ungraded, since this

made them stress-free. As usual, various updates and improvements to the exercises were made, and the evaluation of the structure of the exercises was very favourable.

Suggested changes for the next course

The next time the course is given we plan to continue to include quizzes associated with each exercise. Instructions to take breaks during the pre-recorded lectures will also be included. However the flipped classroom approach was successful for most students, so this will be retained.

Other teachers involved in the course

Per-Erik Isberg, Jacob Roved, Øystein Opedal