



## FACULTY OF SCIENCE

## COURSE ANALYSIS

*Date* 2021-03-11

Main Dag Ahrén:

Number of students:22

Number of answers: 16

Grades:

Department of Biology  
Education- Master's level

### **Course Analysis BINP11 Bioinformatics and sequence analysis BINP11, Fall 2020**

#### Summary of the course evaluation

The students were overall very satisfied with the course (average score 4.1) and particularly liked that the course covered many aspects of bioinformatics. The teachers and instructors were very inspiring and the daily interactions and help given throughout the course was very appreciated. The well-balanced mix of lectures and exercises were appreciated and the course substantially increased the subject knowledge (average score 4.7).

#### Comments from the teachers team

A substantial update was made for the eukaryotic genomics part of the course with completely new material and additional teachers. It was very challenging to teach when some students were attending online while others were in the classroom.

#### Evaluation and changes made since the previous course

The course was given under strict Covid-19 restrictions with many lectures given online. However, the computer exercises could be carried out with distancing at the computer room as well as online. A new Learning Management System (Canvas) was also introduced, replacing the old LiveAtLund resource. New teachers were added to the course and these were working in parallel with teachers that were responsible for that part of the course last year. The increased staffing and the continuity helped to identify were substantial updates (beyond the regular year-to-

year updates) were required. An introduction to portfolio and reproducible research was introduced to the course.

### **Suggested changes for the next course**

Using the features of Canvas in a more efficient manner now that the teachers have had time to work with it. Improvement in communicating the expectations of hand-ins and what kind of feedback the teachers are going to give. Changes based on the course evaluation, in particular how to handle hand-ins will be suggested. New additions to the last course will be evaluated and refined.

### **Other teachers involved in the course**

Dag Ahrén, Staffan Bensch , Eran Elhaik, Dimitrios Floudas, Helena Persson, Mikael Pontarp, Markus Ringnér, Anna Runemark, Torbjörn Säll, Claes von Wachenfeldt