Kursrapport DA7065 VT22

. Beskrivning av kursupplägget.

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This course covers the following topics:
Computational problems in molecular biology
Formalization of biological problems (i.e.: how to turn a fuzzily described problem to a mathematical/computational problem)
Algorithmic techniques for solving common problem in molecular biology
Function and implementation of important bioinformatics software

. Kursens fördelar, beakta studenternas uppfattning i kursutvärderingar.

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The students profited from the mix of biology, comp.sci. and math. Hence, they got a general idea about how problems from biology can be translated into a formal mathematical description and, based on this, how to solve these problems
with efficient algorithms.

The recorded videos + provided scripts seemed to help the students a lot to recap the material.

. Kursens nackdelar, beakta studenternas uppfattning i kursutvärderingar.

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Students suggested that the workload could be slightly increased - in particular, more smaller projects on real data.

Not for all lectures recorded video-material was available.

. Slutsatser samt förslag till förbättringar.

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In summary, the course worked well for the teachers and students. We plan to provide next time, for all lectures the respective video-material and to adjust the exercises slightly (maybe to include more "real-data" exercises)