

Kursanalys för SK2712, VT23

Datum för kursanalysen	2023-06-18
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Sida 1: Kvantitativ analys

Läsår:	2023
Läsperiod(er):	VT

Kursansvarig:	Vladislav Korenivski
Lärare: Föreläsare	Vladislav Korenivski
Övningsassistenter	Vladislav Korenivski
Labassistenter	-
Övriga inblandade lärare	-

Antal registrerade studenter	28
Prestationsgrad, * % (t.o.m. ovan datum)	93%
Examinationsgrad, ** % (t.o.m. ovan datum)	93%

* Antalet presterade poäng hittills på kursen dividerat med antalet möjliga poäng för de registrerade studenterna vid gällande datum.

** Andel studenter av de registrerade som klarat samtliga kurskrav vid gällande datum

Course home: www.kth.se/student/kurser/kurs/SK2712; www.kth.se/social/course/SK2712

Sida 2: **Kvalitativ analys**

Kursens pedagogiska utveckling

Redogör för eventuella förändringar införda utifrån förra årets kursanalys.

This was the first time the course is given in the new format (7.5; previous version was SK2711 6 hp). A section on Geophysics was added covering 3 chapters in the second textbook added to the literature: Physics of the Earth by Stacey & Davis 2013. The textbooks generally worked well, although some of the chapters and sections required additional attention and were re-worked through the lecture notes, which have been developed to almost a compendium. Overall, the course layout is judged to have been appropriate. Continuous formative feedback was implemented with weekly quizzes, which were very appreciated.

Studenternas syn på kursen

Redogör för studenternas syn på kursen (dokumenterad genom kursenkät, kursnämndsmöten, intervjuer och/eller annan lämplig metod).

Own anonymous Google-form gave 8 evaluations (out of 26). The responses overall are good toward excellent: average grade by students is 4.25 for 'course overall' on the scale of 1 to 5. No major changes are motivated for the next year. All parts of the course average about 4 (scale 1-5), some specific improvements (choice of workshop topics, etc.) can be attempted next year. Verbal feedback from students during the course and the oral exam was even more positive, with occasional criticism that often was statistically balanced (other students liked the 'criticized' parts).

Kursansvarigs syn på kursen

Sammanfatta hur utförandet och resultatet av kursen gått, samt tolka/analysera studenternas syn på kursen.

The course proceeded as planned. The number of students active in the course and those who successfully completed the tasks vs those enrolled was high: 26/28 or 93%, 2 students dropped out due to private force-major circumstances.

The students gave generally positive feedback. The specific topics and tasks mentioned as 'pros' and 'cons' in the course vary from student to student, approximately equally distributed between the various elements of the course. Nothing sticks out in particular, except perhaps

the workshops/seminars might see some more structuring in the coming years. The distribution appears normal, dictated primarily by individual preferences (description vs explanation, practical vs theory, etc.). Specific comments/feedback are generally positive.

I enjoyed the class, had some really motivated students who were open-minded to discuss some of the diverse topics related to sustainable development.

Förändringar inför nästa år

Föreslå vilka förändringar du planerar att göra för att främja kursens pedagogiska utveckling och kvalitet.

Even though the course is relatively new, it appears to have been reasonably optimized from the start and was rather well received. No major alarms observed in the feedback (oral or online). No major changes are expected for 2024, except perhaps for optimizing some of the seminar topics, improving the presentation during the lectures.

Longer term, we will consider enhancing the seminars, liked by some of the very motivated students, and perhaps even the renewable-energy workshop part. For this, the course was upgraded to 7.5 hp this year.

Will likely continue with formative feedback via quizzes during the course, which is generally well received, and attempt to adjust the material and lecturing to the class specifics as much as possible.

Overall, the fact that the number of students in this elective course has grown this year to 28 and the performance rate (course completion) has been close to 100% (93%, with 2 students dropping out for reasons outside the course) are positive and do not motivate major changes.