

Handlingsplan for kursus under Det Naturvidenskabelige Studienævn

Kursuskode og navn	DM534/DM558 Introduction to Computer Science
Semester (Efterår/forår og årstal)	Fall 2019
Undervisningsansvarlig	Rolf Fagerberg
Øvrige undervisere	Many guest lecturers (each doing 1–2 lectures) from IMADA
Antal tilmeldte studerende til kurset	97+1, of which 10 never participated
Antal studerende, som har deltaget i evalueringen	70 Svarprocent: 80.0 % (of the 88 active students)
På hvilke studieretninger og semestre indgår kurset	BA datalogi, sidefag i datalogi
Hvilken evalueringsform har været anvendt	See below
Har der været foretaget en midtvejsevaluering på kurset?	Yes

Beskriv evalueringens resultater — f.eks. indenfor:

Kursets opbygning og placering, emner, undervisningsformer, fordeling af øvelsestimer, forelæsninger og e-timer mv, de studerendes arbejdsbelastning, undervisningsmaterialet, delprøver og forudsætningsprøver, sammenhæng med studiet, de enkelte læreres undervisning:

Exam statistics. The exam consists of six MCQ tests spread over the semester. Of the 97 persons appearing in the BB system for DM534, 10 received the grade UB, which means that they participated in none of the six tests. The course is on first semester of the Computer Science Bachelor's programme, hence this figure probably can be attributed largely to early first semester dropout.

For the remaining 87, the grade distribution was:

Grade	-3	00	02	4	7	10	12
No. of students	0	2	3	7	28	32	15
Percent	0.0%	2.3%	3.4%	8.0%	32.2%	36.8%	17.2%

The flunking rate of DM534 hence is 2.3%. One additional student followed the course as DM558 (as part of side subject in Computer Science), and received the grade 7.

The use of 7-step scale is a recent change (from pass/fail). It was a planned change mentioned in the last action plan from this course (fall 2017).

Evaluation statistics. A total of 70 students filled out the final course evaluation. This was a done live in a lecture using PollEverywhere, hence anonymous seen from the students' side. Both quantitative and

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qualitative feedback was solicited. The latter was in the form of free text answers to questions, where students can see all answers and can give a +/-1 vote on each (very useful, since it provides evidence of the amount of support in the student population for each individual answer/proposal). This process was followed by discussion in class of elements of the feedback not clear to me from the written answers. A report generated by the PollEverywhere system with the answers from the process is included, as are my own notes from the ensuing discussion. Note that approximately halfway through the report, questions turn to focus on the entire first semester of BA Computer Science. This is because I take this opportunity to learn not just something about the course, but also about their experience of the study programme and of the studiestart activities. I kept those results in, as they may also be of interest to the reader of this handlingsplan.

A mid-term evaluation was done using the same means as the final evaluation, but shorter and as a variant of "trepunkts-evaluering". I do not report on the mid-term evaluation here.

Summary of course evaluation. The course evaluation is overall considerably positive, with a moderate input for possible improvements given in some of the comments. These mainly concern some of the slide sets (the course has a large number of guest lecturers, and the slides therefore naturally vary in form and style, and some are perceived as better by the students than others).

Giver evalueringen anledning til justering af undervisning mv.:

Hvis ja, beskriv hvilke:

The course evaluation does not give reason for large changes. For next time, I will mainly work on making the relevant guest lecturers add further details to the approximately three slide sets mentioned as troublesome in the discussion part. Also a few practical ideas from the feedback are useful (such as having the MCQ tests first in lectures, and not last, in order to make people listen better to the lecture part).

Giver evalueringen anledning til ændring i kursusbeskrivelsen?

Hvis ja; beskriv hvilke:

No.

Behandlet af undervisningsudvalget på:	Dato:
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