



Course analysis of VT22-5HI014 course

After the course has ended, the course leader fills in this template. This is an important part of the quality assurance of the programme. The programme director decides whether the template should be supplemented with further information/questions.

Course code 5HI014	Course title Degree project in health informatics	Credits 30
Semester 4	Period	

Course leader Sabine Koch	Examiner Sabine Koch, Nadia Davoody
Other participating teachers Several supervisors and reviewers	Other participating teachers

Number of registered students 18	Number passed after regular session 14	Response rate for course survey (%) 77.78 %
Methods for student influence other than course survey Oral feedback and discussions with the students at seminars		

Note that...

This analysis shall (together with a summary of the quantitative results of the students course survey) be submitted to the LIME educational committee.

This analysis have been submitted to the LIME educational committee on this date:

1. Description of any implemented changes since the previous course based on previous students' comments

Revision of the examination criteria to better reflect thesis scope and independency of the student. Otherwise, only minor changes compared to the previous year such as updates of literature and instructions.

2. A brief summary of the students' evaluations of the course

(Based on the students' quantitative answers to the course evaluation and comments. Quantitative compilation and possible graphs attached.)

14 out of 18 students have completed the course evaluation survey. Twelve students had a clinical background and two a technical background. For each question of the survey, mean, standard deviation and coefficient of variation, as a percentage, are presented in Table 1.

#	Question	Mean	Standard Deviation	Coefficient of Variation (%)
1	In my view, I have developed valuable expertise/skills during the course.	4.5	0.5	11.5 %
2	In my view, I have achieved all the intended learning outcomes of the course.	4.4	0.6	14.6 %
3	In my view, there was a common theme running throughout the course – from learning outcomes to examinations.	4.4	0.6	14.6 %
4	In my view, the course has promoted a scientific way of thinking and reasoning (e.g. analytical and critical thinking, independent search for and evaluation of information).	4.4	0.6	14.6 %
5	In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.	4.7	0.5	9.9 %
6	Teaching was based on real examples to develop students' professional knowledge.	4.4	0.7	17.1 %
7	This course built on knowledge I had acquired during the programme's previous courses.	4.3	0.7	16.9 %
8	My previous knowledge was sufficient to follow the course.	4.1	0.5	12.9 %
9	The course was challenging enough for me.	4.3	0.8	19.3 %
10	The support from my supervisor met my expectations	4.5	0.8	16.9 %
11	The reviewer/examiner gave me good feedback during the course	4.4	0.8	19.3 %
12	The course inspired me to want to do research	3.3	1.3	40.4 %
13	The course made me realise new career paths or working fields	3.6	1.2	32.4 %
	AVERAGE	4.3	0.7	18.5 %

Table 1. Summary of the students' evaluation of the course.

As evident from table 1, the students seem to be happy with the course and their opinions do not deviate much from each other in general.

Strengths of the course:

- Process of independent research and set-up with specific deadlines
- Support from supervisors, feedback and group sessions



- Library seminars
- Clear guidelines and structure of the course

Suggestions for improvement of the course:

- Add elective courses, summer internships and job fairs
- Look at 2-3 thesis examples with the whole class in the beginning of the course and discuss their strengths and weaknesses together
- Better standardization between KI and SU course
- More expert support in writing
- Give thesis proposals in advance
- Better coordination with thesis presentations between KI and SU
- Provide LaTeX template for thesis report
- Invite supervisors to progress report seminars
- Add more deadlines in the course

Analysis: Thanks to a motivated student group that came prepared to the different (non-mandatory) discussion seminars, those went very well and were perceived as rewarding. Supervisors are invited to the discussion seminars, but it is often a time issue. The idea to invite them specifically to the progress report seminar is a good one and I will try to accommodate for that next year. Further, to add a discussion of some thesis examples in the beginning is something I will follow up on, too. Rules and guidelines for the thesis course at SU are the same as for the KI course, and we are working on a more similar implementation at SU as well. Help for scientific writing has been provided in form of the library sessions. Students cannot expect more help in writing. That is a skill they should possess at master's level. Elective courses, summer internships and job fairs are out of scope for this course.

3. The course-responsible reflection on the course implementation and results

14 out of 18 students have completed the course by the end of the spring term. Results are shown in figure 1. 4 students will do the re-examination in August. Their results are not presented here.

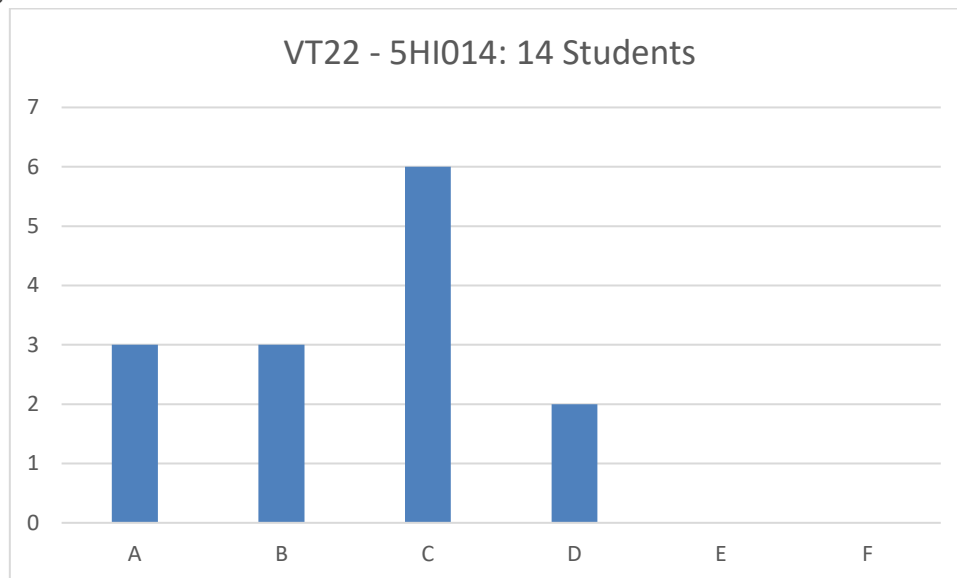


Figure 1: Thesis grades

4. Other comments

-

5. The course-responsible conclusions and any proposals for changes

(If any changes are proposed, please specify who is responsible for implementing these and a time schedule.)

No major changes planned except adding a discussion of example theses in the beginning of the course, trying to make sure supervisors could attend the progress seminar discussions and working for better alignment between the KI and SU courses.