



Course analysis template

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 5HI021	Course title Current Research and Trends in Health Informatics		Credits 15 HP
Semester HT2022		Period 50% during the whole semester	

Course leader Nadia Davoody	Examiner Sabine Koch
Other participating teachers Magnus Boman, Natalia Stathakarou, Sindri Magnússon	Other participating teachers

Number of registered students 38	Number passed after regular session 37	Response rate for course survey (%) 28,21%
Methods for student influence other than course survey The course consists of two moments/blocks and the course leader elicit feedback from the students throughout the course.		

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 has 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

This year, we provided a new theme in the beginning of the course. Themes 2 was changed from "Current health informatics opportunities in response to the Covid-19 pandemic" to "Standardisation within health informatics". Unfortunately, the interest for this theme was extremely low and we decided to cancel the theme and run the course with three main themes namely, Consumer health informatics, Precision medicine, and Machine learning for health informatics. We continued providing more information about the poster session and the seminars during the course.



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.)

A total number of 11 (28,21) students answered the course evaluation form. Majority of the students who have filled the survey expressed that they have achieved all the learning outcomes of the course. Four students chose *to a large extent* (36,4,3%) and Three students chose *to a very large extent* (27,3%). The students agreed that there has been a common theme running throughout the course (*to a large extent* 4 students (36,4%) and *to a very large extent* 4 students (36,4%)) and that the course has promoted a scientific way of thinking and reasoning (*to a large extent* 3 students (27,4%) and *to a very large extent* 4 students (36,4%)).

Majority of the students were satisfied with the way the teacher was open to ideas and opinion about the course structure and content (*to a large extent* 2 students (18,2%) and *to a very large extent* 6 students (54,5%)). They were even satisfied with the way the teaching was based on real examples to develop students' professional knowledge (*to a large extent* 4 students (36,4%), *to a very large extent* 3 students (27,3%)). The course was challenging *to some extent* for some students 3 (27,3%), *to a large extent* 4 (36,4%) and *to a very large extent* 2 (18,2%).

The students expressed their satisfaction with the group works, theme leaders, variety of the themes, the choose of cutting-edge themes, freedom to choose a topic with a mentor, and the scoping review (first assignment of the course). The students liked that they could choose between different paths like machine learning, user experience, precision medicine and standardisation and that they could get deeper about all these topics. They also mentioned that performing the scoping review in the course has helped them to prepare their strategy in thesis writing.

The students, however, had some suggestions about how to improve the course. They would like to have more interaction with other themes. The students were frustrated about the clashes with other parallel courses. In addition, they wanted to have more lectures in the themes. The students were not satisfied with the decision of cancelling one of the themes due to a low interest among the students. However, we had to cancel the theme as the block 2 includes a group work and the groups should at least include 3 students.

They students were interested to listen to every theme project presentation. This is not always possible as every theme leader book the rooms based on the number of the students in that specific theme. However, the students have the possibility to contact the specific theme leader in advance and ask if they can attend his/her lecture. In addition, the students have access to all materials for other themes in Canvas.

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



Based on the students' feedback from last year, we added a new themes in the course, namely, standardization in health informatics. However, we cancelled the theme as the interest rate for this theme was extremely low. In addition, we continued involving guest lecturers and alumni within the different themes. We even provided more information about the poster session, project work, grading system and the course structure.

Course strengths:

- Group works and theme leaders.
- Variety of themes and the option to choose between different topics/themes and being able to dig deeper on a specific theme.
- Performing scoping review.

Course weaknesses:

- Scheduling clashes with parallel courses.
- More interaction with other themes.

3. Other comments

None.

4. 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.)

We have discussed the clashes with other parallel courses at Stockholm university. In future, the course director for the Current trends course will send the preliminary schedule to the director of studies at Stockholm university. The director of studies will then inform all the course directors of parallel courses to reduce the risk of clashes with the current trends course.

We will once again inform the students about the possibility of contacting different theme leaders and asking them to attend their lectures.