



## Course analysis (course evaluation)

<b>Course code</b> 1BI045	<b>Course title</b> Pharmacology with Toxicology	<b>Credits</b> 10 HP
<b>Semester</b> 4	<b>Period</b> 2024-03-25 to 2024-05-15	

<b>Course coordinator</b> Kent Jardemark	<b>Examiner</b> Duarte Ferreira
<b>Teacher in charge of component</b> Magnus Olsson	<b>Other participating teachers</b> Gunnar Schulte, Camilla Svensson, Göran Engberg, Duarte Ferreira, Sophie Erhardt, Max Bell, Jorge Ruas, Mattias Carlström, Inger Johansson, Magnus Ingelman-Sundberg, Joseph Bruton, Annika Hanberg, Jessica Norrbom, Jurga Laurencikiene, Cristiana Cruceanu, Sebastien Talbot, Zerina Kurtovic, Nils Simon, Shane Wright, Patrik Fridh, Varvara Louvrou, Marta Gomez, Daniel Andersson, Gianluigi Pironti, Sven Arvidsson, Funda Orhan  Linda Schenk, Bengt Fadeel, Ralf Morgenstern, Kristian Dreij, Anda Gilga, Anna Beronius, Magnus Ingelman-Sundberg, Farasat Zaman, Charlotte Nilsson, Mikael Julin, Imran Ali

<b>Number of registered students during the three week check</b> 53	<b>Number approved on the last course date</b> 48	<b>Response frequency course valuation survey</b> 39.62 %
<b>Other methods for student influence</b> (in addition to concluding course valuation) Email contact with the course coordinators and course council		
<b>Feedback reporting of the course valuation results to the students</b> <a href="https://survey.ki.se/survey/38738">https://survey.ki.se/survey/38738</a>		

### Note that...

The analysis should (together with a summarising quantitative summary of the students' course valuation) be communicated to the education committee at the department responsible for the course and for programme courses also the programme coordinating committee.

The analysis was communicated to the education committee on the following date: 200115  
The analysis was communicated to the programme coordinating committee on the following date: 200115

#### 1. Description of any conducted changes since the previous course occasion based on the views of former students

Quizzes in canvas related to the specific topics were used.



## **2. Brief summary of the students' valuations of the course**

Overall, the course was positively received. Overall, 76% of respondents stated that the course contributed to a "very large extent" to a development of valuable skills during the course (mean 4.8). Similarly, most students responded that they achieved the intended learning outcomes (mean 4.5) and that there was a common theme running throughout the course (mean 4.4). The students moreover thought that the course promoted a scientific way of thinking with 100% of respondents stating that this goal was achieved to a "large extent" or "very large extent" (mean 4.4). The lowest score was received when answering whether the student has received feedback (mean 4.0). This is understandable, since we do not have a lot of active feedback moments in the course apart from the oral examination and the toxicology group presentation. The other moments of feedback, like self-assessment quizzes, are not understood as feedback by the students.

Thus, the overall opinion of the course was considered very good (mean 5.0).

## **3. The course coordinator's reflections on the implementation and results of the course**

***Strengths of the course:*** The seminars and labs from Pharmacology were a strength of the course helping the students to reinforce concepts from the lectures. Seminars for pharmacology are very helpful for learning and discussions of specific topics. The lectures were also well received. In general "The toxicology course was very well structured both on canvas and in real-life. Toxicology lectures were coherent and well-carried out". The Q&A seminar for the toxicology part was also well received by the students. It was also praised the organisation of the course.

***Weaknesses of the course:*** Some points were indicated by the students as a potential improvement. For example, "Pharmacology seminars were great, but tedious at times. Maybe the questions could be condensed a bit. Going through the questions with a teacher was amazing though!". "The lectures in the toxicology part felt sometimes unrelated to each other and some did not feel relevant." In general, the students want to expand the course by including additional topics, e.g. Alzheimer's disease and chemotherapy of cancer.

## **4. Other views**

## **5. Course coordinator's conclusions and any suggestions for changes**

Revise of the Canvas page so the Pharmacology and Toxicology parts look similar; Check that the lecture material has only information in English and no Swedish is used; Revise the group work for Toxicology part to make it more applicable to the exam study; Double check that there are no repetitions between lectures.



**Karolinska  
Institutet**

Page: 1 / 2

**Appendices:**