



**Karolinska
Institutet**

Course syllabus for

Degree project in toxicology, 45 credits

Examensarbete i toxikologi, 45 hp

This course syllabus is valid from autumn 2011.

Please note that the course syllabus is available in the following versions:

Autumn2009 , Autumn2011 , Autumn2013 , Autumn2015

Course code	4TX006
Course name	Degree project in toxicology
Credits	45 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Toxicology
Level	AV - Second cycle
Grading scale	Pass with distinction, Pass, Fail
Department	Institute of Environmental Medicine
Decided by	Programnämnden för biomedicinprogrammen
Decision date	2009-05-06
Revised by	Programnämnd 7
Last revision	2011-04-06
Course syllabus valid from	Autumn 2011

Specific entry requirements

Lowest the grade Pass at all courses on term 1 and 2.

Objectives

The course intends to give the student the opportunity to work under supervision with a research - or risk assessment related project within the toxicological field. The aim is that the student thereby obtains a good skill to carry out laboratory or literature projects and an independent working method. After the course, the student should: be able to choose and apply methods to solve a specific scientific question. be able to collect extensive data for compilation and processing. be able to acquire scientific literature within the field of the project. show independence, critical and creative thinking. be able to formulate new scientific questions arisen in connection with the implementation of the project. critically and objectively be able to assess others' scientific work and participate in discussions of these. be able to realise the value in correct time planning, collegial cooperation and relationship between theoretical and practical expertise. in a reassuring way and with good order be able to handle scientific material. be able to take position to ethical aspects within the project and carry out the project work on a

research-ethical correct way. be able to put, and evaluate, his own work in a broader scholarly perspective and be able to present its relevance. be able to present and discuss his projects orally and in written form.

Content

Individual work with experimental or risk assessment specialisation. An individual study plan, which also serves as project description, is established by the supervisor together with the student before the course start. Projects can be carried out at another university than Karolinska Institutet, at a company or public authorities.

Teaching methods

Individual work under supervision and participation in seminars and meetings where the project work is carried out. Studies of scientific literature according to the recommendation of supervisor and own assessment. Seminars, group discussions and study tour with other students in the course.

Examination

The course is examined through a written and oral presentation and a critical oral review. To pass with distinction, it is required that the written report obtains the grade passed with distinction. The supervisor's assessment of the process can influence the grading. If a student fails, an individual examination should take place on a later occasion as agreed by the examiner. Compulsary participation A study trip, seminars and a presentation of degree projects are compulsory. The course director assesses if and how absence can be compensated. Before the student has participated in all compulsory parts or compensated absence in accordance with the course director's instructions, the student's results for respective part will not be registered in LADOK. Project placement The examiner may immediately suspend a student's project placement or equivalent if the student demonstrates serious deficiencies in knowledge, skills or attitudes in a way that trust with the partner may be damaged or broken.

Transitional provisions

Irrespective of changes in the contents of the course, and how it is examined, after each course a total of eight examination sessions will be provided during a period of at least two years from the end of the course.

Other directives

Course evaluation is carried out on completion of the course. Presentation of the degree project takes place in English.

Literature and other teaching aids