Course syllabus for

Histopathology and Clinical Pathology, 5 credits

Histopatologi och klinisk patologi, 5 hp
This course syllabus is valid from autumn 2016.
Please note that the course syllabus is available in the following versions:
Autumn2015 , Autumn2016 , Autumn2020 , Autumn2023 , Autumn2024

Course code	4TX016
Course name	Histopathology and Clinical Pathology
Credits	5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Toxicology
Level	AV - Second cycle
Grading scale	Fail (U), pass (G) or pass with distinction (VG)
Department	Institute of Environmental Medicine
Decided by	Programme Committee 7
Decision date	2015-04-09
Revised by	Programme Committee 7
Last revision	2016-03-23
Course syllabus valid from	Autumn 2016

Specific entry requirements

At least the grade Pass for the course Principles of toxicology within the Master's Programme in Toxicology.

Objectives

Upon completion of the course, the student should be able to:

Regarding skills and ability

- identify and describe the normal appearance and structure of different tissues and organs,
- identify and describe pathological effects that may be caused by toxic substances,

Regarding judgement and approach

- differentiate between different pathological features and discuss possible toxicological modes of action involved in pathogenesis.

Content

Anatomy, histology, hematology and blood chemistry of relevance to toxicity testing. Structure and function of the liver and other toxicologically relevant organs. General and specific pathological changes that can be identified by clinical blood analyses and histological examination. Examples of toxicological effects by specific chemicals.

Teaching methods

Teaching will be in the form of lectures, seminars, written assignment, written feedback to other student and oral presentation.

Examination

The examination consists of written examination.

Compulsory participation
All seminars and presentations are compulsory. The course director assesses if and, in that case, 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 will not be registered in LADOK.

Transitional provisions

After each course, there will be at least 6 occasions for examination within a two-year period after the end of the course.

Other directives

The course language is English.

Course evaluation will be carried out in accordance with the guidelines established by the Board of Higher Education.

Literature and other teaching aids

Mandatory literature

Peckham, Michelle.
Histology at a glance

Chichester, West Sussex, UK : Wiley-Blackwell, 2011. - 108 p.
ISBN:978-1-4443-3332-9 LIBRIS-ID:12636373
Library search

Hayes, A. Wallace; Kruger, Claire L.
Hayes' principles and methods of toxicology

6. ed. : - xxvi, 2157 p.
ISBN:9781842145364 (hardcover : alk. paper) LIBRIS-ID:16954170
Library search

Handouts and other assigned literature.