



**Karolinska
Institutet**

Course syllabus for

Histopathology, 4.5 credits

Histopatologi, 4.5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

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

Spring2011 , Spring2013 , Spring2015

Course code	4TX009
Course name	Histopathology
Credits	4.5 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	Programnämnd 7
Decision date	2010-10-26
Revised by	Education committee IMM
Last revision	2023-11-09
Course syllabus valid from	Spring 2015

Specific entry requirements

At least the grade Pass for the courses Introduction to toxicology, Target organ toxicology, Health risk assessment of chemicals and Laboratory animal science in theory and practice.

Objectives

Upon completion of the course, the student shall:

Regarding knowledge and understanding:

- describe basic knowledge of the appearance and structure of different tissues and organs,
- independently describe general, and give examples of specific, pathological changes that may be caused by toxic substances,

Regarding competence and skills:

- be able to use a microscope in order to identify cell types and tissues in histological preparations.

Content

Basic tissue theory and pathology. The anatomy and histology of tissues and organ systems divided into the structure and function of the liver and other toxicologically relevant organs. General and specific pathological changes that can be caused by toxic substances.

Teaching methods

Lectures, seminars and microscopy exercises.

Examination

The course is examined through a written examination.

Compulsory participation

All seminars and practical demonstrations are compulsory. The course director assesses about and if so, how absence may be compensated. Before the student has participated in 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

The course has been cancelled and was offered for the last time in the spring semester of 2015.

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.

Oral evaluation in the form of course council meetings will be carried out during the course.

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

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