

**SYLLABUS**

# **Clinical pathology and anatomy II with focus on radiography 15 credits M0101H**

**Sjukdomslära och anatomi II inriktning radiografi**

**Course syllabus admitted: Spring 2024 Sp 3 - Present**

**DECISION DATE  
2023-06-05**

# Clinical pathology and anatomy II with focus on radiography 15 credits M0101H

## Sjukdomslära och anatomi II inriktning radiografi

### First cycle, M0101H

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG	Medicinsk vetenskap	Medicine

## Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and the course assumes corresponding knowledge

M0099H Radiography I, 7,5

M0098H Anatomy and Physiology I with focus on radiography, 7,5

M0097H Radiography II, 7,5

M0096H Clinical pathology I specialisation radiography, 7,5

M0116H Pharmacology and pharmaceutical management within radiography, 7,5

M0102H Radiography, Science and research methods I, 7,5

M0100H Radiography III, 15

## Selection

The selection is based on 1-165 credits.

## Course Aim

After having completed the course the student will be able to:

- Describe the topographical anatomy of the body
- Explain underlying aetiology and pathophysiology of disease states throughout the entire life span related to symptoms patients present with
- Describe the investigation and treatment of patients with suspected different illnesses
- Identify differential diagnoses in relation to medical imaging diagnostics
- Describe how age and gender can affect health, presentation of symptoms, diagnostics and treatment
- Describe the laboratory analyses encountered by radiology nurses in their profession
- Reflect on adapted communication and information for patients with special needs

## Contents

- Topographical anatomy
- Cardiovascular diseases
- Gastrointestinal diseases
- Haematology
- Oncology
- Gynaecology
- Neurology
- Psychiatry
- Geriatrics
- Renal diseases
- Endocrinological diseases
- Laboratory diagnostics
- Gender equality
- Communication and response to patients with special needs
- Simulation

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Teaching and learning take place through self-directed studies, study assignments, group discussions, seminars with written and verbal presentations, simulation and the examination. Lectures are held in selected parts of the course. Participation in laboratory work and seminars is compulsory. The content of the course components and its type of instruction are specifically targeted at the radiology nurse profession.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. The course learning outcomes will be examined and assessed through submitted individual and/or group assignments, seminars and the examination.

Achieving a Pass for the full course requires a Pass grade for all parts of the course and that all compulsory components have been completed.

## Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

## Remarks

You must pass this course before you can be admitted onto M0109H, M0110H, and M0111H.  
All examination components must have been completed by the regular examination period for quarter 1.

## Overlap

The course M0101H is equal to M0088H

The programme syllabus applies from the spring semester 2020 for those students who are then admitted to the programme. The course coordinator and subject manager will approve individual study plans for students who have been admitted to the previous programme syllabus and to resume studies after approved leave from studies in accordance with the current programme syllabus.

If a course is no longer provided or has undergone major changes, the students will be offered two opportunities for examination during the first year after the change has taken place and then once a year for another 2 years based on the official course syllabus that applied at registration.

Course M0101H equivalent to M0088H

## Course offered by

Department of Health, Education and Technology

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Examination Topographic and in-depth anatomy	U G VG	2.5	Mandatory	S21	
0003	Seminar	U G#	2.5	Mandatory	S21	
0004	Assignment report	U G#	1.5	Mandatory	S21	
0005	Laboration	U G#	1	Mandatory	S21	
0006	Simulation	U G#	0.5	Mandatory	A22	
0007	Examination Pathology	U G VG	7	Mandatory	A22	

## Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2023-06-05

## Syllabus established

by Dean of Department of Health Sciences 2020-02-21