

**SYLLABUS**

# **Clinical pathology I specialisation radiography 7.5 credits M0096H**

**Sjukdomslära I inriktning radiografi**

**Course syllabus admitted: Autumn 2023 Sp 1 - Present**

**DECISION DATE  
2023-02-14**

# Clinical pathology I specialisation radiography 7.5 credits M0096H

## Sjukdomslära I inriktning radiografi

### First cycle, M0096H

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 + Swedish upper secondary school courses Mathematics 2a or 2b or 2c, General Science 2, Social Studies 1b or 1a1+1a2.

## Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

## Course Aim

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

- Explain basic immunology and microbiology.
- Be familiar with activities for care hygiene and infection protection.
- Apply basic hygiene practices.
- Describe care-related infections and socially-spread infectious diseases of significance to the profession of radiology nurse.
- Reflect on the risks to patients with impaired immune systems in order to be able to provide safe care.
- Explain the significance of intersectional factors and the environment to individual health/illness.
- Explain underlying aetiology, pathophysiology and symptoms of disease throughout the entire life span.
- Describe the investigation and treatment of patients with suspected different diseases.
- Identify differential diagnoses in relation to medical imaging diagnostics.

## Contents

- Population health
- Basic microbiology
- Immunology
- Hygienic approaches
- Contagion, infection transmission and methods for preventing care-related infections
- Infectious diseases
- Pulmonary diseases
- Orthopaedics
- Rheumatology
- Clinical assessment
- Overview of imaging diagnostics linked to different diseases

## 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, laboratory work, simulations and seminars. Lectures are held within selected parts of the course. Participation in laboratory work and seminars is compulsory.

## 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 individual and group assignments submitted, 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. The course content and form of tuition are specifically targeted at the radiology nurse profession.

## 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

This course must be passed before you can be admitted to the course M0103H.  
All examination components must have been completed by the regular examination period for quarter 1.

## Overlap

The course M0096H is equal to M0086H

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 M0096H is equivalent to course M0086H.

## Course offered by

Department of Health, Education and Technology

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Infection control examination	U G#	1.5	Mandatory	S20	
0003	Simulation	U G#	0.5	Mandatory	S20	
0004	Diagnostic imaging seminar	U G#	0.5	Mandatory	S20	
0005	Public health seminar	U G#	0.5	Mandatory	S20	
0007	Clinical Pathology examination	U G VG	4.5	Mandatory	A20	

## Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2023-02-14

## Syllabus established

by Dean of Department of Health Sciences 2019-06-14