

**SYLLABUS**

# **Radiography in position to conventional radiology with Clinical Practice 15 credits M0106H**

**Radiografi med inriktning konventionell röntgen**

**Course syllabus admitted: Autumn 2024 Sp 1 - Present**

**DECISION DATE  
2024-02-13**

# Radiography in position to conventional radiology with Clinical Practice 15 credits M0106H

## Radiografi med inriktning konventionell röntgen

### First cycle, M0106H

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G#	Radiologi	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 M0101H Clinical pathology and anatomy II with focus on radiography, 15  
M0103H Radiography IV, 15

The course also requires the following courses and modules

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

M0100H Radiography III, 15

M0116H Pharmacology and pharmaceutical management within radiography, 7,5

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

M0103H Radiography IV, 15, module 0001, Clinical education

Special eligibility means that all qualifying courses and modules must have approved course grades. Requirements for special authorization must be met no later than Lp 4.

## Selection

The selection is based on 1-165 credits.

## Course Aim

The objectives are specifically focused on conventional X-rays and mammography

Upon completion of the course, the student shall be able to

- Describe examination methodology
- Apply examination methodology and account for image criteria for commonly used surveys
- Describe anatomy and common pathology
- With an ethical attitude and referral content, plan, execute, evaluate and document the need for care in individual patients
- Apply radiation and account for patient safety and safety during the examinations
- Reflect on self-knowledge and the ability to empathise
- Identify the need for further knowledge in order to continuously develop their skills
- Demonstrate the ability to inform and teach different groups and to carry out supervisory tasks
- Demonstrate the ability for team collaboration and collaboration with other professional groups
- Demonstrate to discuss new facts, phenomena and issues with different professional groups
- Demonstrate the ability to have a professional approach towards patients and their relatives

## Contents

The content is specifically opted towards conventional X-ray and mammography

- Examination methodology
- Anatomy and pathology
- Radiation hygiene and medical safety
- Clinical Practice

## Realization

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

Education and learning is conducted through independent study, assignments, and seminars. Lectures are given within selected course sections. The students are also acquiring knowledge and are being trained to reach the course objectives through the clinical education programme. The student gets to practice critically evaluating themselves and their need for further knowledge by way of assessment interviews.

The course content modules and their routes of teaching are specifically opted towards the radiology nursing 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 is examined and assessed through Clinical Practice, hand-in assignments individual and/or group, seminars, and exams.

To pass the entire course, passing grades are required on all parts of the course, and compulsory parts must be completed.

As concerns the clinical practice, only one re-examination opportunity/relocation is permitted for the course. Further relocation/re-examination opportunities may be granted if special reasons to do so exist. Special reasons are the reasons set out in regulations from the Swedish National Agency for Higher Education, HSVFS 1999:1.

## 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

Module Clinical Practice in this course has to be passed to move on to Clinical Practice in the following Clinical Practice courses M0109H, M0110H, and M0111H.

You must pass this course before you can be admitted onto M0063H and M0119H. All examination components must have been completed by the regular examination period for study period 4.

This course, which contains modules with clinical practice (clinical practice modules), is subject to Specific Rules for Clinical Practice, pursuant to a decision by the Head of the Department of Health, Education and Technology, Luleå University of Technology.

## Overlap

The course M0106H is equal to M0057H

This programme curriculum is valid from the spring semester of 2020 for all students who are admitted to the programme at that time. Programme coordinators and heads of department decide on individual study plans for students who have been admitted to a previous programme curriculum and resume their studies according to the current programme curriculum following a break in their studies.

If a course has ceased or has undergone major changes, the students will be offered two opportunities for examination in the first year after the change has taken place, and then once a year for a further 2 years, based on the course syllabus that applied at the time of registration.

Course M0106H replaces M0057H

## Course offered by

Department of Health, Education and Technology

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0002	Clinical education - Mammography	U G#	1.5	Mandatory	A21	
0005	Examination	U G#	2	Mandatory	A21	
0006	Clinical education - Conventional radiology	U G#	7.5	Mandatory	A22	
0007	Assignments	U G#	1.5	Mandatory	A22	
0008	Seminars	U G#	2.5	Mandatory	A22	

## Last revised

by Jenny Jäger, Director of Undergraduate Studies at the Department of Health, Education and Technology 2024-02-13

# Syllabus established

by Head of department of Department of Health, Education and Technology 2021-02-17