

SYLLABUS

Radiography, basic course II 7.5 credits M0086H

Radiografi, grundkurs II

Course syllabus admitted: Autumn 2018 Sp 1 - Spring 2020 Sp 4

**DECISION DATE
2018-02-15**

Radiography, basic course II 7.5 credits M0086H

Radiografi, grundkurs II

First cycle, M0086H

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

Selection

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

Examiner

Johan Kruse

Course Aim

After completing the course, the student should:

- Describe causes of illnesses, care, treatment and prognosis of common illnesses which radiographers encounter in their vocational practice
- Explain common illnesses and identify alternative diagnoses in relation to diagnostic medical imaging
- Explain in which way age, gender and socioeconomic status can affect health, syndrome, diagnostics and treatment
- Explain the meaning of the concept of patient centric care and understand its application within radiology
- Describe and apply scientific methods

Contents

Different illnesses and symptoms such as:

- Inflammation and pain. Orthopaedics, rheumatologic illnesses and lung diseases
- Overview of diagnostic imaging with alternative methods linked to different illnesses and symptoms in relation to value-based radiology
- Health as a concept and public health
- Scientific education

Realization

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

Lectures, own studies, group discussions and group work with reports for each other in the course.

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. Oral and written reports, in which the written reports form a basis for the scientific education. Individual examination.

Remarks

This is a first-cycle course. The study guide will be available in the course room in Canvas.

You must have a pass mark in this course before you can be admitted to course M0057H. All course components should be completed at the latest in connection with the retake date in study period 4, i.e. closest to the previous study period.

Overlap

The course M0086H is equal to M0096H, O0047H

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Literature. Valid from Autumn 2018 Sp 1

Aspelin, P. & Pettersson, H. (red.) (2008). Radiologi. Lund: Studentlitteratur

Edberg, A-K., & Wijk, H. (Red.). (2014). Omvårdnadens grunder: Hälsa och ohälsa. Lund: Studentlitteratur.

Ericson, E. & Ericson, T. (2012). Medicinska sjukdomar: patofysiologi, omvårdnad, behandling. Lund: Studentlitteratur

Friberg, F., & Öhlen, J. (Red.). (2014). Omvårdnadens grunder: Perspektiv och förhållningssätt (2 uppl.). Lund: Studentlitteratur.

Henricson, M. (Red.). (2017). Vetenskaplig teori och metod: Från idé till examination inom omvårdnad. Lund: Studentlitteratur.

Sandman, L., & Kjellström, S. (2013). Etikboken: Etik för vårdande yrken. Lund: Studentlitteratur.

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Course offered by

Department of Health Sciences

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Items/credits

Number	Type	Credits	Grade
0001	Individual examination	4	TG U G VG
0002	Seminars	2	TG U G#
0003	Written assignment	1.5	TG U G#

Last revised

by 2018-02-15

Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2016-02-15