

SYLLABUS

Thesis Radiography 15 credits M0063H

Examensarbete, Radiografi

Course syllabus admitted: Autumn 2024 Sp 1 - Present

DECISION DATE
2024-02-13

Thesis Radiography 15 credits M0063H

Examensarbete, Radiografi

First cycle, M0063H

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG *	Radiologi	Medicine

Main field of study

Radiography

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

M0109H Radiography in position to computerised tomography and nuclear medicine, 15

M0110H Radiography in position to magnetic resonance imaging, 7,5

M0111H Radiography focusing on fluoroscopy, ultrasound and interventional radiology, 7,5

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

M0101H Clinical pathology and anatomy II with focus on radiography, 15

M0103H Radiography IV, 15

M0106H Radiography in position to conventional radiology with Clinical Practice, 15

M0107H Radiography, Science and research methods II, 7,5

M0108H Radiography V, 7,5

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 student should, individually or together with another student, solve and present an assignment, planning, searching, collecting, evaluating and critically interpreting information and presenting this in a written essay. The student should demonstrate the ability to apply the knowledge and skills that have been acquired during the education by, on completion of the course, being able to:

- Initiate method improvement and quality assurance
- Formulate a scientific issue and identify and problematize the chosen problem area in relation to radiography and in relation to the profession of radiology nursing
- Systematically search scientific literature in electronic databases
- Critically review and evaluate reports and scientific articles
- Describe and demonstrate awareness of research ethics principles in relation to the chosen problem area and in a community perspective.
- Plan, carry out, document and defend a degree project in the subject radiography and publicly discuss another written essay
- Describe and discuss the choice of method in relation to the aim for the degree project in radiography
- Critically review and evaluate his/her own and others' degree projects in radiography and their disciplinary foundation regarding contents, structure and applicability considering the relationship between science and proven experience.

Contents

The main field of study, radiography, is interdisciplinary and brings knowledge from medicine, physiology, technology and nursing. The main field of study has a clear clinical orientation and has as an aim to produce the basis for diagnosis and treatment and create knowledge of the treatment methods that are found in the area of radiology. The degree project should discuss a problem/assignment in a possible future professional activity. The student can choose and, in consultation with supervisor, establish this assignment. Proposals for assignments can also be given by teachers within the radiographer programme.

- Planning, implementation and documentation of a scientific work.
- Search of scientific literature in relevant databases for the subject radiography.
- Critical review and analysis of collected data.
- Implementation of opposition and defence that is practised in compulsory seminars.

Realization

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

The course is carried out as an independent scientific work with compulsory supervision. The students work individually or in pairs. Regular supervision that follows the work process is an important element in the course. The supervisor is appointed by the Department. Compulsory seminars occur during the course. In all moments the focus is that the student should clarify the main academic subject and the academic basis for it, and relate the subject of the scientific work to the main academic subject and to the profession. Focus is also on the ability to use relevant academic references and to demonstrate knowledge of the relationship between science and good clinical practice.

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. Passed written progress reports, with seminars and oral presentation, which are assessed individually.

The scientific work is examined in the form of a written report and seminars with opposition/defence, which is assessed individually. To pass the course, it is required that the all parts of the course be completed and passed.

Criteria for pass and pass with distinction are stated in the study guide

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 is a first-cycle course. Study supervision is provided in the course room in Canvas.

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Written report including oral presentation	U G VG *	15	Mandatory	A11	Yes

Last revised

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

Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2011-02-07