



Course syllabus for

## **Degree project in Radiography, 15 credits**

Examensarbete i radiografi, 15 hp

This course syllabus is valid from autumn 2017.

Please note that the course syllabus is available in the following versions:

[Autumn2015](#) , [Autumn2017](#) , [Autumn2018](#) , [Autumn2024](#)

Course code	1RS033
Course name	Degree project in Radiography
Credits	15 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Radiography
Level	G2 - First cycle 2
Grading scale	Fail (U), pass (G) or pass with distinction (VG)
Department	Department of Clinical Science, Intervention and Technology
Decided by	Programme Committee 6
Decision date	2015-05-05
Revised by	Education committee CLINTEC
Last revision	2017-04-27
Course syllabus valid from	Autumn 2017

### **Specific entry requirements**

90 credits from The Study Programme in Radiography (all courses, semester 1-3), and at least 15 credits from semester 4, and the course Scientifically attitudes and methods for quality development 3 (6 credits).

### **Objectives**

**On completion of the course, the student should be able to:**

- be able to delimit and formulate a research problem in the area of radiography that is relevant to the profession as radiographer
- under supervision be able to describe research design and method in relation to a chosen problem
- under supervision be able to search, review critically, compare, analyse and summarise scientific literature within radiography in writing
- under supervision, from analysis and interpretation in written form compile data in relation to problem and with a scientific language that is used in the area of radiography
- demonstrate the ability to understand current research-ethical rules and follow good research practice

- demonstrate the ability to identify the need of additional knowledge and to develop ones skills.

## Content

At the beginning of the course, the students choose topics within the main field of radiography. These topics can for example be:

- Method development of different radiographic examination methods and interventions
- Optimisation and radiation protection aspects at radiographic examinations and treatments
- Aspects of patient experiences and patient information
- Studies of changes within the radiography

Based on the different parts of the research process and the guidelines for thesis work the student will describe a problem area in radiography as well as an object of the chosen problem. The object will then be answered through established scientific data collection and analytical methods and compiled in an academic paper.

## Teaching methods

The supervision is carried out in group seminars with of the department appointed supervisor. The group seminars contain occasion to discussion about progress, setbacks, follow up of the writing process etc. In addition to these group seminars be given also possibility to individual supervision.

## Examination

Achieved learning objectives are examined through presentation of the essay on an essay seminar, where the essay is evaluated by an examiner. The following grades can be given: Written essay can receive the grades failed, Passed or passed with distinction

When final version is submitted to examiner, grades on the essay are informed.

Course grade For the grade Pass on the course, passed is required on all parts according to grading criteria. To pass with distinction is required passed with distinction on the essay parts according to grading criteria.

## Transitional provisions

The student may be examined according a previous syllabus within a year after the date when a close-down or major changes of the course was decided.

## Other directives

Course evaluation will be carried out in accordance with the guidelines established by the Board of Education at Karolinska Institutet.

## Literature and other teaching aids

*Strömqvist, S*

**Uppsatshandboken: råd och regler för utformning av examensarbeten och vetenskapliga uppsatser**

Uppsala : Hallgren & Fallgren, 2006

*Backman, Jarl*

### **Rapporter och uppsatser**

3., [rev.] uppl. : Lund : Studentlitteratur, 2016 - 223 s.

ISBN:9789144097329 LIBRIS-ID:18714387

[Library search](#)

*Widerberg, Karin*

### **Att skriva vetenskapliga uppsatser**

*Torhell, Sven-Erik*

Lund : Studentlitteratur, 1995 - 91 s.

ISBN:91-44-49441-6 LIBRIS-ID:8353778

[Library search](#)

### **Svenska skrivregler**

3., [utök.] utg. : Stockholm : Liber, 2008 - 263, [1] s.

ISBN:978-91-47-08460-9 LIBRIS-ID:10935499

URL: <http://www.liber.se/productimage/large/4708460o.jpg>

[Library search](#)

*Rienecker, Lotte; Stray Jørgensen, Peter; Hedelund, Lis*

### **Att skriva en bra uppsats**

3., omarb. uppl. : Lund : Liber, 2014 - 349 s.

ISBN:9789147111510 LIBRIS-ID:16371593

[Library search](#)

*Kvale, Steinar; Brinkmann, Svend*

### **Den kvalitativa forskningsintervjun**

3. [rev.] uppl. : Lund : Studentlitteratur, 2014 - 412 s.

ISBN:9789144101675 LIBRIS-ID:16763239

[Library search](#)

*Olsson, Henny; Sørensen, Stefan*

### **Forskningsprocessen : kvalitativa och kvantitativa perspektiv**

3. uppl. : Stockholm : Liber, 2011 - 328 s.

ISBN:91-47-10051-6 LIBRIS-ID:12233128

[Library search](#)

### **Dags för uppsats : vägledning för litteraturbaserade examensarbeten**

*Friberg, Febe*

2., [rev.] uppl. : Lund : Studentlitteratur, 2012 - 181 s.

ISBN:978-91-44-07323-1 LIBRIS-ID:13374004

[Library search](#)

*Trost, Jan; Hultåker, Oscar*

### **Enkätboken**

5., [moderniserade och rev.] uppl. : Lund : Studentlitteratur, 2016 - 178 s.

ISBN:9789144115450 LIBRIS-ID:19616911

[Library search](#)

*Harris, M.; Taylor, Gordon; Taylor, G.*

### **Medical Statistics Made Easy, third edition**

