



**Karolinska
Institutet**

Course syllabus for

Degree project in Radiography, 15 credits

Examensarbete i radiografi, 15 hp

This course syllabus is valid from spring 2013.

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

Autumn2007 , Autumn2011 , Spring2013 , Autumn2013

Course code	1RS005
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	Pass with distinction, Pass, Fail
Department	Department of Clinical Science, Intervention and Technology
Decided by	Programnämnden för röntgensjuksköterskeprogrammet
Decision date	2007-06-20
Revised by	Programnämnd 6
Last revision	2012-11-06
Course syllabus valid from	Spring 2013

Specific entry requirements

150 HE credits from The Study Programme in Radiography (all courses on semester 1-5) and the course Scientific theory and method, 7.5 HE 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 exercise as radiographer
- under supervision be able to describe research design and method in relation to chosen problem
- under supervision be able to search, review critically, compare, analyse and summarise scientific literature within radiography in writing
- under supervision, based on 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
- to demonstrate critical, self-critical and reflective approach in relation to their own and others' scientific questions at the presentation of the paper
- in connection with own the seminar discussion of the essay be able to summarise and account for

- the parts of the essay by means of a powerpoint presentation
- show ability to understand current research-ethical rules and follow good research practice
- show ability to identify his need of additional knowledge and to develop his skills.

Content

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

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

By means of the different parts of the research process and from guidelines for degree project the student describes a problem area within radiography and an aim of his study. This is then answered through established scientific data collection - and the methods of analysis and are compiled in an academic paper.

In the course is included also to present his degree project at an open seminar and that also alone be able to receive understand and objective counter critical review on the own the degree project. Furthermore to analyse and assess other student's degree project critically.

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. Certain of these seminars may be compulsory. In addition to these group seminars be given also possibility to independent supervision.

The completed thesis work is presented and ventilated under a final seminar with student reviewer and examiner. Participation in essay seminars implies actively participation attendance at others' essay seminars and to object on another academic paper.

Examination

Achieved learning objectives are examined through presentation of the essay on an essay seminar where the essay, respondentships and critical oral reviews are evaluated of examiner.

The following grade can be given on respective part:

- Written essay can receive the grades Failed, Passed or passed with distinction
- Respondentships (defence and discussion of essay) can receive the grades failed or Passed
- Present and summarise the own essay under about 20 minutes in Swedish with support in a powerpoint presentation. The presentation can receive the grades failed or Passed.
- Oppositions on other essay can receive the grades failed or Passed

The seminar is an occasion for feedback. Possibility to supplement is given after the seminar. When final version is submitted to examiner, grades are informed on the essay.

Grades on all course

For the grade passed on whole course is required Accepted on all four parts above (a, b, c and d) and participation on the final seminar days. To pass with distinction is required in addition to this also the grade passed with distinction on (a) i.e. the written essay.

At failed author of the thesis - or critical oral reviews (and at fail to appear attendance) can written supplementary assignments be required of examiner. Failed degree project should be revised and assessed on new through renewed examination at a later occasion as agreed with supervisor and examiner. At failed presentation, a list is obtained on what that should be remedied before a new

presentation that is informed after the seminar. Submission date for revised essay follow dates for prevalent re-examinations during the semester.

Transitional provisions

The student has the opportunity to be examined been taken according to earlier course syllabus within a year after the date after decision that the course is placed down or goes through larger changes.

Other directives

Evaluation of the course will be carried out according to the guidelines that are established by the Board of Education at Karolinska Institutet.

Literature and other teaching aids

Backman, Jarl

Rapporter och uppsatser

Andra upplagan : Lund : Studentlitteratur, 2008 - 1-223

ISBN:978-91-44-04826-0

[Library search](#)

Dags för uppsats : vägledning för litteraturbaserade examensarbeten

Friberg, Febe

Lund : Studentlitteratur, 2006 - 154 s.

ISBN:978-91-44-04315-9 (3. tr.) LIBRIS-ID:10143411

[Library search](#)

Harris, Michael; Taylor, Gordon

Medical statistics made easy

London : Martin Dunitz, cop. 2004 - xii, 114 s.

ISBN:1-85996-219-X (hft.) : £9.99 LIBRIS-ID:8989294

[Library search](#)

Kvale, S.; Brinkman, S.

Den kvalitativa forskningsintervjun

2 uppl. : Lund : Studentlitteratur AB, 2009

ISBN:91-44-05598-6

[Library search](#)

Trost, Jan

Enkätboken

3., [rev.]uppl. : Lund : Studentlitteratur, 2007

ISBN:9789144018164

[Library search](#)

Olsson, Henny; Sörensen, Stefan

Forskningsprocessen : kvalitativa och kvantitativa perspektiv

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

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

[Library search](#)

Rienecker, Lotte; Stray Jørgensen, Peter

Att skriva en bra uppsats

Hedelund, Lis; Nordli, Harald

1. uppl. : Malmö : Liber, 2002 - 284 s.

ISBN:91-47-06217-7 LIBRIS-ID:8406858

[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](#)