

## Research seminars specialisation in healthcare sciences, 1,5 credits

### *Forskningsseminarier inriktning hälso- och vårdvetenskap, 1,5 högskolepoäng*

Course Code/Codes	70HV088
Subject Area	Medical Science
School/equivalent	School of Health Sciences
Valid from	2023-04-14
Approved	2023-04-14
Revised	
Approved by	Head of School
Translation to English, date and signature	2023-04-13 ME

## 1 Course content

The course aims to support doctoral students in developing their abilities as future researchers to participate in the exchange of knowledge and the dialogue that is an important component of the scientific community.

The course consists of active participation in seminars as a reviewer and as an active audience, as well as reflections on one's own performance.

## 2 Outcomes

### 2.1 The course in relation to the doctoral programme

The course shall primarily refer to the following intended learning outcomes for third-cycle courses and study programmes as described in the Higher Education Ordinance, i.e. the doctoral student shall demonstrate:

#### *Knowledge and understanding*

- broad knowledge and systematic understanding of the research field (part of outcome 1)
- familiarity with research methodology in general (part of outcome 2)
- familiarity with the methods of the specific field of research in particular (part of outcome 2)

#### *Competence and skills*

- the capacity for scholarly analysis and synthesis (part of outcome 3)
- the capacity to review and assess new and complex phenomena, issues and situations autonomously and critically (part of outcome 3)
- the ability to review and evaluate research and other qualified tasks (part of outcome 4)
- the capacity to support the learning of others (part of outcome 8)

### *Judgement and approach*

- intellectual autonomy and disciplinary rectitude (part of outcome 9)
- the ability to make assessments of research ethics (part of outcome 9)

The intended learning outcomes are listed in the same order as in the general syllabus for the programme.

## **2.2 Intended course learning outcomes**

To obtain a passing grade, the doctoral student shall demonstrate:

- Ability to actively participate in a scientific discussion within the subject covered at the seminar,
- Ability to lead a critical discussion around a manuscript or research plan, as well as
- Ability to reflect on the content of the seminar and one's own contribution in a concise written report.

## **3 Reading list and other teaching material**

The following course readings and teaching material will be used on the course:

Greenhalgh, Trisha. *How to read a paper. The basics of evidence based medicine*. BMJ Books.

The Swedish Research Council. Good research practice.

The material distributed in connection with the seminar.

## **4 Teaching formats**

Teaching on the course takes the following format:

Self-study and participation in seminars.

## **5 Examination**

The course is assessed through an examination consisting of the components listed below. The individual components are not graded separately but together they provide the basis for assessment and grading.

1. Active participation in a seminar dealing with a manuscript or research plan. Active participation means that the doctoral student has read the material to be discussed together with relevant references and participates in the discussion with questions and/or points of view.
2. As an appointed reviewer, lead the discussion around a manuscript or research plan.
3. Submission of a written report in which the doctoral student summarizes the above seminars and reflects on his/her own contribution.

## **6 Grades**

Examinations on third-cycle courses and study programmes are to be assessed according to a two-grade scale with either of the grades 'fail' or 'pass' (local regulations).

The grade shall be determined by a teacher specifically nominated by the higher education institution (the examiner) (Higher Education Ordinance).

To obtain a passing grade on examinations included in the course, the doctoral student is required to demonstrate that he/she attains the intended course learning outcomes as described in section 2.2. Alternatively, if the course consists of multiple examinations generating credit, the doctoral student is required to demonstrate that he/she attains the outcomes that the examination in question refers to in accordance with section 5.

A student who has failed an examination is entitled to a retake.

If an examination consists of several examination components, and a student fails an examination component, the examiner may, as an alternative to a retake, set a make-up assignment with regard to the examination component in question.

A doctoral student who has failed an examination twice for a specific course or course element is entitled, upon his/her request, to have another examiner appointed to determine the grade.

## **7 Admission to the course**

### **7.1 Admission requirements**

To gain access to the course and complete the examinations included in the course, the applicant must be admitted to a doctoral programme at Örebro University.

Furthermore, the applicant shall be admitted to the research subject Medical Science with a specialisation in Healthcare Sciences.

### **7.2 Selection**

Selection between applicants who have been admitted to doctoral programmes at Örebro University and who otherwise meet the admission requirements as listed above is made according to the following order of precedence:

If no other selection criteria are specified in this section, priority shall be given to applicants with a lower number of course credits left before the award of their degree over applicants with a higher number of remaining course credits. Should two or more students have equal number of credits, selection will be done through the drawing of lots. This also applies within any selection groups listed unless otherwise stated.

### **7.3 Other applicants than doctoral students admitted at Örebro University**

Other applicants than doctoral students admitted at Örebro University may be given access to the course on the grounds of provisions for and/or agreements regarding contracted courses, joint degrees, national graduate schools or cooperation in other respects with other universities.

Any decisions on what such other applicants may be given access to the course are made separately and on the basis of the provisions and/or agreements that occasion the student to apply for the course.

For participation in the course in other respects, the same provisions shall apply as for doctoral students admitted to Örebro University.

## **8 Transfer of credits for courses, study programmes and other experience**

Provisions on the transfer of credits can be found in the Higher Education Ordinance and on the university's webpage.

## **9 Other information**

Reviewers at a seminar dealing with a manuscript are appointed in direct consultation with the person whose manuscript is to be reviewed.

Doctoral students who have completed the mid-way review can participate actively as an appointed doctoral student representative for the review of the research plan at the admissions seminar for Medical Science with a specialisation in Healthcare Sciences. Information about upcoming opportunities to be appointed as a doctoral student representative at the admissions seminar will be conveyed via email. In case of great interest in participating, preference is given to the doctoral student who has the shortest time left for the defense.

## **Transitional provisions**