

Research Communication in Medical Science II, 2,5 credits

Forskningsskommunikation inom medicinsk vetenskap II, 2,5 hp

Course Code/Codes	75MV012
Subject Area	Medical Science
School/equivalent	School of Medical Sciences
Valid from	2023-01-01
Approved	2022-11-11
Revised	
Approved by	Head of School
Translation to English, date and signature	2022-10-25 I.R

1 Course content

Participants in the course shall give a presentation at an international conference, as well as a written report and an oral presentation on the same subject at a seminar organized by the School of Medical Sciences. Participants are thereby provided with theoretical and practical tools for presenting and discussing their research results with other researchers and interested parties. The international conference may be carried out in Sweden, but the conference language should be English, and the presentation shall be conducted in English.

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:

Competence and skills

- the ability in both national and international contexts to present and discuss research and research findings authoritatively in speech and writing and in dialogue with the academic community and society in general (outcome 6)

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 plan and execute a presentation at an international conference, and thereby communicate their research
- ability to reflect on their presentation orally as well as in writing

3 Reading list and other teaching material

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

Bourne, Philip E, Ten Simple Rules for Making Good Oral Presentations, PLoS Comput Biol, vol 3, nr 4: e77. doi: 10.1371/journal.pcbi.0030102.

Can be downloaded from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1857815/>

Erran, Thomas C and Bourne, Philip E, Ten Simple Rules for a Good Poster Presentation, PLoS Comput Biol, vol 3, nr 5: e102. doi: 10.1371/journal.pcbi.0030077.

Can be downloaded from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1876493>

4 Teaching formats

Teaching on the course takes the following format:

- Presentation through a poster or an oral presentation at an international conference
- Individual written report
- Seminar

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.

Individual components:

- referee-assessed and accepted abstract for the completed presentation
- completed presentation attested with written confirmation, a copy of the conference programme or book of abstracts
- an oral and a written reflection over the preparation for and execution of the presentation, and any following discussions. The account shall include received feedback (positive as well as negative) and the course participant's own experience of the execution.

For examinations consisting of several examination components, the following applies: If during the course it is concluded that a doctoral student is unable to complete a certain examination component, the examiner may set a substitute assignment provided that circumstances do not reasonably allow for the course component to be completed at a later date during the run of the course.

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.

The applicant must also have completed the following:

- *Research Communication in Medical Science I* (2,5 credits)

Or:

- *Research Communication in Health and Medical Science I* (2,5 credits)

The applicant must also have completed

- *General Scientific Methods in Medical Science, Research Poster* (2,5 credits), course code 70ME060

- *General Scientific Methods in Medical Science, Report* (7,5 credits), course code 70ME061

Or:

- The following parts from *General Scientific Methods in Medical Science* (15 credits) 70ME075:

- Code 0200: *Scientific poster* (2,5 credits)

- Code 0300: *Report* (6,5 credits)

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

Transitional provisions