ÖREBRO UNIVERSITET

Course syllabus
Third-cycle courses and study programmes

This is a translation of a Swedish document. In the event of a discrepancy, the Swedish-language version shall prevail.

Research communication, researcher's role in society, 2.5 credits

Forskningskommunikation, forskarens roll i samhället, 2.5 hp

Course Code/Codes	15SO006
Subject Area	Sociology
School/equivalent	School of humanities, education, and social sciences
Valid from	2021-08-01
Approved	2021-05-18
Revised	2022-11-23
Approved by	Head of school
Translation to English, date and signature	2022-11-00 MB

1 Course content

This course deals with the role of research and the researcher in society. Here, the meaning of research communication and its significance for both public debate and the quality of research are discussed. The relationship between the conditions and needs of research and research communication is discussed, as well as the extent to which there are synergies or conflicts between these two practices. Opportunities, challenges and various dilemmas related to research communication are addressed. These concern personal issues around being seen in the media and public debate as well as issues of responsibility, security and ethics linked to research communication.

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:

And show knowledge of:

1. the role and significance of research communication for public debate and a non-academic audience as well as for the quality of research,
2. different expectations on the role of the researcher and the need to reach a non-academic audience.

And must show the ability to:

3. develop strategies to deal with complexity, uncertainty, knowledge resistance and other dilemmas in research communication, including taking into account issues of gender and ethics.

3 Reading list and other teaching material

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

Massimiano Bucchi & Brian Trench (eds) (2021) *Routledge Handbook of Public Communication of Science and Technology.* (3rd ed) Routledge. 100 pages.

Davies, Sarah. R. (2021). An Empirical and Conceptual Note on Science Communication's Role in Society. *Science Communication*, 43(1):116-133. doi: "https://doi.org/10.1177/1075547020971642" 10.1177/1075547020971642

Hornsey, Matthew J. (2021). Why Facts Are Not Enough: Understanding and Managing the Motivated Rejection of Science. *Current Directions in Psychological Science*, 29(6) 583–591

Lewandowsky, Stephan et al. (2012). Misinformation and Its Correction: Continued Influence and Successful Debiasing. *Psychological Science in the Public Interest* 13(3) 106–131.

Ojala, Maria (2013). Emotional awareness: On the importance of including emotional aspects in education for sustainable development (ESD). *Journal of Education for Sustainable Development, 7*(2), 162-182.
Van der Linder, Sander et al. (2021). How Can Psychological Science Help Counter the Spread of Fake News? *The Spanish Journal of Psychology* (2021), 24, e25, 1–9.

Articles and course material about max. 100 pages will be added, which is stated in the study guide no later than 1 week before the start of the course.

4 Teaching formats

Teaching on the course takes the following format:

Lectures, seminars and exercises. During the course, both research staff and expertise from the communication department participate. The doctoral student works with his or her own dissertation material.

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.

One written assignment and mandatory and active participation in seminars.

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.

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:

Priority is given to applicants with a smaller number of course credits left for the degree and to applicants who are judged to have a more immediate need for the course for their dissertation work.

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

Teaching is given in English.

Transitional provisions

No transitional provisions apply.

ÖREBRO UNIVERSITET

Course syllabus
Third-cycle courses and study programmes

This is a translation of a Swedish document. In the event of a discrepancy, the Swedish-language version shall prevail.

Planning and integrating research communication, 2.5 credits

Planering och integrering av forskningskommunikation, 2.5 högskolepoäng

Course Code/Codes	15SO009
Subject Area	Sociology
School/equivalent	School of humanities, education, and social sciences
Valid from	2023-02-01
Approved	2022-12-06
Revised	*If applicable, enter the date on which any amendments to the course syllabus were approved. If no amendments have been made, delete the help text by pressing the space key on your keyboard. To display a calendar, click on the drop-down arrow to the right*
Approved by	Head of School
Translation to English, date and signature	2022-11-25 MB

1 Course content

This course deals with the planning and integration of communication in research activities. Here, communication is discussed as both information and co-creation with selected target groups. The planning includes elements such as the purpose of the communication, framing of messages, definition of target group, relevant channels (media, social media, etc.) and tools for their communication. During the course, teaching takes place on different media's ways of working.

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:

And must show knowledge of:
1. the diversity of research communication, including problems and opportunities with different approaches and channels,

And must show the ability to:
2. purposefully plan research communication, by specifying target groups and channels, and show how research communication can be integrated into the different parts of research practice,

3 Reading list and other teaching material

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

Bitzer, L. (1968). The rhetorical situation. *Philosophy and Rhetoric*, v. 1, 1-14.

Massimiano Bucchi & Brian Trench (eds) (2021) *Routledge Handbook of Public Communication of Science and Technology.* (3rd ed) Routledge. 100 pages.

Devitt, A. (2004). *Writing genres.* Southern Illinois University Press. (Chapter 1, pp. 1-32)

Articles and course material about max. 100 pages will be added, which is stated in the study guide no later than 1 week before the start of the course.

4 Teaching formats

Teaching on the course takes the following format:

Lectures, seminars and exercises. During the course, both research staff and expertise from the communication department participate. The doctoral student works with his or her own dissertation material.

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.

One written assignment and mandatory and active participation in seminars.

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.

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:

Priority is given to applicants with a smaller number of course credits left for the degree and to applicants who are judged to have a more immediate need for the course for their dissertation work.

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

Teaching is given in English.

Transitional provisions

No transitional provisions apply.

ÖREBRO UNIVERSITET

Course syllabus
Third-cycle courses and study programmes

This is a translation of a Swedish document. In the event of a discrepancy, the Swedish-language version shall prevail.

Research communication in practice, 2.5 credits

Forskningskommunikation i praktiken, 2.5 högskolepoäng

Course Code/Codes	15SO010
Subject Area	Sociology
School/equivalent	School of humanities, education, and social sciences
Valid from	2023-02-15
Approved	2022-12-06
Revised	*I förekommande fall, ange det datum då berörd beslutsfattare har beslutat om ändring i kursplanen. Kalender vid pil till höger. Annars, radera hjälptexten med ett blanksteg*
Approved by	Head of School
Translation to English, date and signature	2022-11-25 MB

1 Course content

In this course, doctoral students have the chance to acquire knowledge and to practice their skills regarding the communication of research both within the academic community and in society at large. It consists of a series of practical oral and written exercises, such as giving presentations and writing a popular science article). Participants are encouraged to work with their own dissertation material.

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:
1. concisely and comprehensibly communicate academic research to a wider audience using various oral, written and visual methods and,

2. develop strategies to deal with complexity, uncertainty, knowledge resistance and other dilemmas in research communication, including taking into account issues of gender and ethics.

3 Reading list and other teaching material

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

Massimiano Bucchi & Brian Trench (eds) (2021) *Routledge Handbook of Public Communication of Science and Technology.* (3rd ed) Routledge. 50 pages

Articles and course material about max. 200 pages will be added, which is stated in the study guide no later than 1 week before the start of the course

4 Teaching formats

Teaching on the course takes the following format:

Lectures, seminars and exercises. During the course, both research staff and expertise from the communication department participate. The doctoral student works with his or her own dissertation material.

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.

Practical oral, written and visual exercises. Mandatory and active participation in seminars.

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.

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:

Priority is given to applicants with a smaller number of course credits left for the degree and to applicants who are judged to have a more immediate need for the course for their dissertation work.
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

Teaching is given in English. Practical exercises during module three and test 3 are given in English or Swedish, depending on whether the doctoral student's dissertation is written in English or in Swedish.

Transitional provisions

No transitional provisions apply.