

## Academic writing, 7.5 credits

## Vetenskapligt skrivande, 7,5 hp

<b>Course Code/Codes</b>	20IK017
<b>Subject Area</b>	Informatics
<b>School/equivalent</b>	School of Business
<b>Valid from</b>	2014-06-01
<b>Approved</b>	2014-05-08
<b>Revised</b>	
<b>Approved by</b>	Head of School
<b>Translation to English, date and signature</b>	2015-10-19 Jgy

### 1 Course content

The course aims to provide the research student with knowledge on the scientific publishing process, exercise and practical training on writing and analysing scientific texts.

The course includes:

- Study of the principles of scientific writing;
- Review of scientific articles;
- Writing of one's own scientific article.

### 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 identify and formulate issues with scholarly precision critically, autonomously and creatively (part of outcome 4)

- the ability to review and evaluate research and other qualified tasks (part of outcome 4)
- 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:

- In-depth knowledge on the subject area of scientific texts and publication process;
- Knowledge about the structure, content and design of scientific texts;
- Advanced proficiency in searching, summarising, reviewing and writing scientific texts;
- Ability to analyse and critically evaluate scientific texts;
- Advanced proficiency in oral communication of scientific reviews.

## 3 Reading list and other teaching material

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

### **Required Reading:**

Lee, Allen S. (1995). Reviewing a Manuscript for Publication *Journal of Operations Management*, (13)1, 6 pp. [report]

Peat, Jennifer and Elizabeth Elliot, Louise Baur & Victoria Keena (2002). *Scientific Writing: Easy When You Know How*, BMJ Books, ISBN/ISSN: 0-7279-1625-4, 292 pp.

Sorensen, Carsten. Working Paper No. 121, This is not an article: Just Some Thoughts on How to Write One (Revised version of working paper with same title) Department of Information Systems, The London School of Economics and Political Science, 16 pp. [report]

### **Reference Works**

Day, Robert A. (1995). *Scientific English: a guide for scientists and other professionals* Greenwood Publishing Group, ISBN/ISSN: 0-89774-989-8, 148 pp.

### **Additions and Comments on the Reading List**

In addition to the above, approximately 30 pages more scientific papers will be read, as selected by the doctoral student.

## 4 Teaching formats

Teaching on the course takes the following format:

- Lectures
- Seminars
- Practical Work

**Participation in seminars and practical work is mandatory.**

## 5 Examination

The course is assessed through follow-up examination components, which are not graded individually, but instead form the basis for an overall assessment and final grade.

Examination consists of the following components:

- Fundamentals of scientific writing: oral presentation of the required reading;
- Review of scientific texts: written criticism of one or more scientific articles;
- Scientific writing: composition of a scientific article and oral review of a scientific article.

*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:

- 1) Applicants from Informatics

- 2) Doctoral students admitted in the Research School in Technology-Mediated Knowledge Processes
- 3) Applicants from the School of Business
- 4) Applicants admitted to research study programmes at Örebro University.

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.

## **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**

The language of tuition may be English or Swedish, depending on the participants' language skills. The literature is mainly in English.

Research students who have been admitted to a course have the right to receive tuition and/or supervision for the duration of the time period specified for the particular course to which they were accepted. After that, the right to receive tuition and/or supervision expires.

## **Transitional provisions**