

## Syllabus

### Research Design and Scientific Writing, 5 ECTS

Forskningsdesign och vetenskapligt skrivande, 5 hp

#### FO20000

<b>Programme</b>	Third-cycle courses and study programmes
<b>Programme ECTS</b>	240/120
<b>Level of education</b>	Third cycle
<b>LADOK (student registry) code, subject field, ECTS</b>	FO20000
<b>ECTS from course</b>	5
<b>Grading</b>	Pass, Fail
<b>Course coordinator institution</b>	---
<b>Governing body</b>	Education and Research Board
<b>Date valid</b>	18.05.2015
<b>Revised syllabus</b>	
<b>Revised reading list</b>	
<b>The syllabus applies from</b>	Autumn semester 2015
<b>The reading list applies from</b>	Autumn semester 2015
<b>Current general curriculum</b>	19.09.2013



### **Admission requirements and other conditions for admission to studies**

General entry requirements for third-cycle courses and study programmes (The Higher Education Ordinance, SFS 1993: 100) and specific entry requirements according to general curriculum stipulated on 19 September 2013.

### **The position of the course in the educational system**

The course is at a postgraduate level and is compulsory for third-cycle courses and study programmes.

### **Learning objectives for the course**

#### *Knowledge and understanding*

After completion of the course, the doctoral students shall have the ability to:

- explain and compare various qualitative, quantitative and mixed method designs in research studies
- summarise fundamental aspects of writing in various scientific styles.

#### *Skills and abilities*

After completion of the course, the doctoral students shall have the ability to:

- prepare and argue for relevant strategies based on different trends in research design
- build an opinion on different implications and possible applications of the concepts of validity, reliability and generalisability in research design
- apply principles for the structural organisation of a scientific text

#### *Judgement and approach*

After completion of the course, the doctoral students shall have the ability to:

- evaluate scientific quality based on the design of different research studies
- critically investigate scientific texts with a view to form, structural organisation and normativity.

### **Course structure**

The course is held as either a part-time study or full-time study.

### **Course contents**

The subjects covered by the course are as follows:

- the significance of research design within different research traditions
- different research designs in relation to research studies' demand for validity, reliability and generalisability
- critical investigation of scientific texts in relation to form and contents
- practical work on the student's own choice of research issues in relation to design of research study

### **Teaching methods**

The course comprises lectures and seminars. Teaching is in Swedish and/or English.

### **Examination and grading**

The examination is based on the learning objectives. Grading is in accordance with the Higher Education Ordinance, (SFS 1993: 100). The grading comprises Pass (P) and Fail (F). The grades are stipulated by a designated teacher (examiner).

### **Course certificate**

Doctoral students who have passed the course receive a course certificate on request (SFS 1993: 100).

**Literature for the course**

See separate reading list.

## Reading list

- Björk, L., & Räisänen, C. (2003). *Academic Writing*. Lund: Studentlitteratur. 3rd edition. (p. 399)
- Chen Huey, T., Donaldson, Stewart, I., & Marks, M.M. (2011). *Advancing Validity in Outcome Evaluation: Theory and Practice*. *New Directions for Evaluation, Number 130*. Official publication of the American Evaluation Association. (p. 136)
- Gerholm, L., & Gerholm, T. (1992). *Doktorsbatten: En studie av forskarutbildningen inom sex discipliner vid Stockholms universitet*. Stockholm: Carlsson. (p. 224)
- Harrits, G.M. (2011). More than method?: A discussion of paradigm differences within mixed methods research. *Journal of Mixed Methods Research*, 5(2), 150-166. doi: 10.1177/1558689811402506
- Henoch, I. et al. (2015) Palliative Care Research: A Literature Review of methods, designs and foci of research conducted in Sweden between 2007 and 2012 (unpublished manuscript, re-submitted).
- Onweybusie, A.J., & Collins, K.M.T. (2007). A typology of mixed methods sampling designs in social science research. *The Qualitative Report*, 12(2), 281-316.
- Polit D.F., & Beck C.T. (2010). Generalization in quantitative and qualitative research: Myths and strategies. *International Journal of Nursing Studies*, 47(11), 1451–1458. doi:10.1016/j.ijnurstu.2010.06.004
- Other scientific articles.