UNIVERSITY
OF SKÖVDE

COURSE SYLLABUS

Att etablera externfinansierade forskningsprojekt, Forskarnivå
Establishing Research Projects with External Funding, Post-graduate level
4 credits

1 Name, Scope and Level of the Course

The course is given by the University of Skövde and is named Establishing Research Projects with External Funding, Post-graduate level. It comprises 4 credits and is on Post-graduate level.

2 Objectives

After completed course the PhD student should be able to:

- understand the composition of the Swedish system for research funding;

- understand how a research idea can be developed into a research project, considering e.g. collaboration partners, funding and communication;

- identify relevant calls;

- understand how to design a grant application of high quality that fulfills the funding agency's demands and requirements; and

- understand the steps following the funding agency's decision until the start of a project.

3 Course Content

The pressure to receive external research funding has increased strongly during recent years and funding agencies make higher and higher demands. It is therefore important to understand both implicit and explicit demands.

The course addresses important issues needed to establish externally funded research projects. These include:

- How is a research project brought to life (e.g. different roles and stakeholders, collaboration between partners, requirement for different types of results)?
- How is a grant proposal designed for different types of research projects?
- What does a grant application process look like?
- What does an evaluation process look like?

Some questions regarding expectations and demands that will be discussed during the course are for example:
- Which expectations and aims (e.g. sustainability, excellence, ...) do the different funding agencies have?
- How to interpret a call text?
- Which expectations and aims do other stakeholders have (collaboration partners, hosting institution, individuals, ...)?
- How to interpret requirements for collaboration and different types of results?

4 Forms of Teaching

The teaching comprises seminars and own work regarding preparation and drafting of a grant proposal for an externally funded research project.

The teaching is conducted in English.

5 Examination

The course is graded Fail (U) or Pass (G).

Registration of examination results:

Name of examination	Credits	Grading
Written assignment[1]	4 hp/credits	U/G

[1] The draft for a grant proposal is presented orally and in writing.

To obtain a final passing grade of the course, each part of the examination must have been approved.

6 Admission Requirements

The admission requirements of the course are general entry requirements for third-cycle courses and study programmes, i.e. a second-cycle qualification or satisfied requirements for courses comprising at least 240 credits of which at least 60 credits were awarded in the second cycle, or the equivalent.

In order to fulfil the specific entry requirements, the applicant must have completed academic courses of at least 60 credits, including independent thesis writing of at least 15 credits at advanced level, within the field Informatics, applicable areas of a similar kind or other fields which are judged as directly relevant for the licentiate or PhD thesis.

In addition upper secondary course English B, or the equivalent, is required.

The course requires that each student has completed at least 25% of their postgraduate training before taking the course. If too many eligible students apply for the course admission will be based on the amount of credits taken within the postgraduate training. Preference is given to students registered for postgraduate training at the University of Skövde.

7 Third-cycle Subject Area

The course forms a part of the third-cycle subject area of Informatics at the University of Skövde.

8 Approval of Course and Course Syllabus

This course was approved by the Committee for the Doctoral Programme in Informatics Dec 3, 2018. This course syllabus was ratified by the Committee for the Doctoral Programme in Informatics Jan 24, 2019. It is valid from Jan 1, 2019 and replaces the course syllabus ratified Dec 3, 2018.

9 Overlapping with Another Course

This course cannot constitute a part of a degree also containing a course, the content of which is totally or partly equivalent to the content of this course.

10 Additional Information

Further information will be available on the university's website before the course is provided.

National and local regulations for higher education are available on the university's website.

During and after the course there will be a follow-up evaluation concerning the learning outcomes. The main objective of the follow-up is to contribute to improving the course. The research students' experience and points of view constitute one part of the scrutiny and are obtained through written group course evaluation/discussions. The research students are to be informed about the outcome of these as well as possible decisions concerning steps to be taken.

11 Course Literature and Other Educational Materials

The course literature will normally include the books mentioned below as well as scientific articles.

Aldrige, J. & Derrington, A. M. (2012). *The Research Funding Toolkit.* London: SAGE Publications. ISBN 978-0-85702-967-6.

Peters, A. D. (2003). *Winning Research Funding.* Aldershot: Gower Publishing Ltd. ISBN 0-566-08459-7.