



Faculty of Health, Science and Technology
Chemical Engineering

Doctoral Studies Course

Exchanging Research Experience

Course Code: 7KET002
Course Title: Exchanging Research Experience
Fördjupande erfarenhetsutbyten av forskningsprojekt
HE Credits:: 2.0
Degree Level: Doctoral

Course Approval

The syllabus was approved by the Board of the Faculty of Health, Science and Technology on 2017-02-01 and is effective from the Spring semester of 2017 at Karlstad University.

Language of Instruction

The course is taught in a Scandinavian language or English depending on the teacher's preference. English is always used when any participant is unfamiliar with the Scandinavian languages.

Prerequisites

The course is offered to admitted doctoral students in chemistry, chemical engineering and environmental and energy systems. Students are recommended to take the course when they have made some progress in their studies, preferably at a point when a decision about a direction needs to be discussed with experts other than the supervisors. Other students may be admitted after consultation with the course convener or head of department.

Learning Outcomes

The aim of the course is to give students an opportunity to develop skills in introducing others to their own research project, its problems and methodological issues, and to learn about other projects.

In terms of *competence and skills*, the students should, upon completion of the course, be able to

- communicate specialist knowledge in a delimited research area and convincingly present the method used in their study,
- discuss the potentials, limitations and relevance to industry and society of their own research,
- discuss the methods used in the research field in general and their doctoral project in particular.

In terms of *judgement and approach*, the students should, upon completion of the course, be able to

- formulate comments on the structure of a research text in another field than their own,
- suggest and discuss improvement of a research method and/or text.

Course Content

Students present and discuss their own material and actively discuss three other research projects.

Course Literature

See separate document.

Examination

Assessment is based on short written reflections on the works of others and the presentation and argumentation of their own projects. Reflections must be based on their own project or the literature.

Grades

One of the grades Fail (U) or Pass (G) is awarded in the examination of the course.

Quality Assurance

The course convenor has a duty to encourage a continuous dialogue on learning processes and goal fulfilment. A written evaluation is carried out at the conclusion of the course combined with a joint student-teacher discussion of all aspects commented on. The result of the evaluation is collated and made available in accordance with the *Higher Education Ordinance* Ch.1, sect. 14.

Course Certificate

Course certificate is issued on request.