



KURSPLAN

Systematisk sökning och vetenskaplig publicering, 3 högskolepoäng

Systematic Searches and Scholarly Publishing, 3 credits

Kurskod:	FTSVP33	Utbildningsnivå:	Forskarnivå
Fastställd av:	VD 2023-04-20		
Gäller fr.o.m.:	2023-04-01		
Version:	1		

Lärandemål

On completion of the course, the doctoral student should

Kunskap och förståelse

- demonstrate understanding for a structured and systematic approach to the literature searching process
- demonstrate understanding for the landscape of scholarly publishing

Färdighet och förmåga

- demonstrate ability to define an information need and to formulate an adequate search strategy for a chosen research question
- demonstrate skills to effectively search publications in chose databases from a self-formulated search strategy
- demonstrate skills to search patents in a free patent database on a basic level

Värderingsförmåga och förhållningssätt

- demonstrate ability to make a relevant selection among retrieved publications based on established criteria
- demonstrate ability to select one or several journals for their own publication and motivate the choice on the basis of the selection criteria treated in the course and be able to evaluate them by using appropriate indicators
- demonstrate skills to formulate an appropriate publication strategy

Innehåll

The first part of the course aims to provide an increased awareness of a structured information searching process: how to plan, conduct and report searches for a literature review. An introduction to patent searching is included. The second part gives an overview of the development of scholarly publishing with a focus on scholarly journals and peer review. The student will gain knowledge to develop a publication strategy with emphasis on choice of journal, open access and bibliometrics.

- Literature review types

- The literature searching process
- Library databases
- Introduction to patent searching
- Development of scholarly communication
- Peer review
- Bibliometric indicators
- Publication strategy

Undervisningsformer

The teaching consists of lectures, workshops and exercises.

Undervisningen bedrivs på engelska.

Förkunskapskrav

Admitted to third-cycle programme at the School of Engineering.

Examination och betyg

Kursen bedöms med betygen Underkänd eller Godkänd.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Assignment	3 hp	U/G

Kurslitteratur