**PhD course**

**Intellectual property rights and commercialization**

**Description:** The course covers basic knowledge about intellectual property rights (IPR) and commercialization of research results. It will also give you tools to find useful information from patents in your research area. The course includes three seminars given by the Swedish Patent and Registration Office (Patent & Registreringsverket, PRV) and UU Innovation.

**Credits:** 2 ECTS (hp) in your research education.

The course is open for PhD students and employees.

**Language:** English

**Time and place:** Ångströmlaboratoriet
- Seminar 1: Thursday Oct 4, 9:15-12:00, Room 4005
- Seminar 2: Thursday Oct 11, 9:15-12:00, Room 4005
- Seminar 3: Thursday Oct 18, 9:15-12:00, Room 4005

**Registration deadline:** Sept 4, 2018

Please register using the following link: [http://doit.medfarm.uu.se/kurt12282](http://doit.medfarm.uu.se/kurt12282)

Course responsible: Annica Önell (annica.onell@upptech.uu.se), Upptech
Examiner: Jörgen Olsson, Inst. för teknikvetenskaper

**Course literature**

Will be provided prior to the second seminar and consists of selected patents and hand-outs related to the seminar presentations.

**Upon completion** you should
- know the basic concepts and forms of Intellectual Property Rights (IPR)
- be able to find, evaluate and identify technical information from patent literature within your research area
- understand how to identify and protect intellectual property assets within a project

**To pass the course** you need to
- be present at all three seminars
- complete a patent information search relating to your research area according to instructions in seminar 2 and summarize your findings in a written report
- make a brief inventory of different types of IP assets in your research area based on instructions from seminar 3.

**Seminar 1: Basic knowledge about Intellectual Property rights**
This seminar will give you an introduction to Intellectual Property Rights (IPR) and how different aspects of IPR are relevant to academic research. There will be an overview of the international systems relevant for patents, trademarks, copyright and industrial design and a discussion on how to protect a product or idea using various types of IPR.

**Seminar 2: Find useful information from patents within your research area**
This session will give you insights into patent databases and how to search for patent information, finding and interpreting relevant technical and legal information from the patent literature. 
*Bring your laptop. This seminar includes a practical search session.*

**Seminar 3: Commercialization of research outcomes**
This seminar will give an overview of different aspects of commercialization of research outcomes, and it shows how an inventory of IP assets within a project can be performed. Information about support for the innovation process given by UU Innovation will also be presented.

**Assignment 1**
Select an appropriate database with patent content and make a search in your research area. Locate four relevant full text patents.
1. Read and summarize the technical content in your own words for each patent (1/2 – 1 A4 page in total for the four patents).
2. For each patent: refer to the patent correctly, give an account for the patent family size and note the extent of subsequent patent documents which cite the patent as prior art.
3. Indicate which database you retrieved the information from and include a brief description of keywords/patent classification codes you used to find the patent documents.
4. Describe the legal status on the level of application/granted patent for the complete patent family.

*Note: If you have a research area where patents are of minor relevance contact course responsible for guidance.*
Assignment 2
Identify the different types of intellectual property that are created in a research project(s), how they potentially could create value and impact, and how you should or could protect the IP. The description does not need to be detailed or include specific results/inventions, but should rather discuss the types of IP that can create value and associated weaknesses of the IP.