



KTH Education and Communication
in Engineering Science

Course PM FLI3117 "Innovation in academic research-Immaterial property rights and commercialization of research results"

Credits: A passed course will give 2 ECTS credits (hp) in your research education.

Course requirements and examination:

To pass the course you will need to:

- Be present at all three seminars.
- Perform a patent information search relating to your research area according to instructions in seminar 2, and also send in a report on your results.
- Make a brief inventory of different types of IP assets in your research area, based on guidelines and instructions that you get in seminar 3.

Intended learning outcomes

On completion of the course, the student should be able to:

- Describe the basic concepts in Intellectual Property Rights (IPR)
- Find, evaluate and identify technical information from patent literature within his/her research area
- Identify Intellectual Property assets within a research project

Course content and schedule

NB: For those who wish to come already at 12 to the additional lunch seminar 10th of October, this will also be in room Rinman in connection to the first seminar, see below

Seminar 1: Basic knowledge about Intellectual Property Rights

Presenter: Mats Nordenborg, lawyer specialized in IPR, the Swedish Patent and Trade Office (PRV).

Date and place: 10th of October 13-16 pm, room Rinman (KTH Library)

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 also be an overview of the international systems relevant to Patents, Trademarks, Copyright and Industrial design and a discussion on how a product can be protected by various types of IPR.

Seminar 2: How to find useful information from patents within your research area

Presenter: Christin Wendel, patent engineer, PRV and Dr Rosa Lönneborg, KTH Library

Date and place: 17th of October 13-16 pm, room Rinman (KTH Library)

This seminar will give you knowledge about patent databases available at KTH and how to search for patent information, finding and interpreting relevant technical and legal information within your research area from the patent literature. **NB:** Bring your laptops, the seminar includes a practical search session.

Seminar 3: Commercialization of research results

Presenter: Gustav Notander, KTH Innovation

Date and place: 25th of October 13-16 pm, Fantum (Lindstedtsv 24) **NB: Wednesday and different place**

This seminar will give an overview of different aspects of commercialization of research results and how an inventory of IP assets within a research project can be performed. Information about support for the innovation process for student and researchers at KTH will also be given.

Assignment 1:

Select an appropriate database with patent content and search within your research area. Locate at least **4 fulltext patents** that are relevant for your research.

-Read and summarize the **technical content** with your own words for each patent (1/2-1 A4 page in total).

-Refer to the patents correctly and also give an account for patent family size and citations and what database you get this information from

-Include a brief description of keywords/patent classification codes you used to find the patent documents.

-Refer to the legal status on the level of application/granted patents in the patent family.

Note: If you have a non-technical research area where patents are of minor relevance, contact the course responsible for an alternative assignment.

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 with that IP, and how you should or could protect the IP.

NB. This is not a detailed description of specific results or inventions, but rather a discussion around the types of IP created and how the IP could create value.

Course literature:

Will be sent out prior to the second seminar and consists of selected patents and hand-outs related to what is presented on seminars.

Course responsible and examiner: Dr Rosa Lönneborg, ECE-school, KTH Library