COURSE DESCRIPTION CARD - SYLLABUS

Course name
INTELLECTUAL PROPERTY IN PRACTICE, LEGAL AND ETHICAL ASPECTS OF SCIENTIFIC ACTIVITY

Course

Proposed by Discipline
-

Type of studies
Doctoral School

Form of study
full-time

Year/Semester
I/1

Course offered in
English

Requirements
compulsory

Number of hours

Lecture
4

Tutorials

Projects/seminars

Number of credit points

1

Lecturers

Responsible for the course/lecturer:
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Poznan University of Technology
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Responsible for the course/lecturer:

Prerequisites

Knowledge: Define clearly identify the scientific problem that you want to solve.

Skills: Prepare market research in the scope of the indicated technical problem.

Social competences: Indicate to prepare a preliminary economic and marketing plan for the indicated solution.

Course objective

Getting to know and practical use of intellectual property in the work of a doctoral student who will transfer the results of scientific work to the economy. After the lecture, the doctoral student will be able to:

1. Recognize intellectual property rights,
2. Select appropriate intellectual property rights to the generated result,
3. Build a strategy for legal protection of the results,

4. Prepare initial application documentation to the patent office,
5. Conduct an independent examination of the state of the art and patentability.

Course-related learning outcomes

Knowledge

The PhD student will know the tools of legal protection of the solution with the help of intellectual property [P8S_WK/SzD_W06], [P8S_WK/SzD_W07]

Skills

The PhD student will be able to prepare a solution protection strategy using legal intellectual property tools, [P8S_UW/SzD_U05]

The PhD student will be able to prepare and legally secure a solution prepared for transfer to the economy [P8S_UK/SzD_U03]

Social competences

The PhD student will be aware of the need for continuing education to expand knowledge in the field of intellectual property. The PhD student will be able to select appropriate intellectual property rights to protect the solution produced [P8S_KR/SzD_K07]

The PhD student will be able to communicate information about intellectual property in a concrete and reliable manner [P8S_KR/SzD_K07]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

PQF code	Methods for verification of learning outcomes	Assessment criteria
W06, W07	test in the field of knowledge provided during the lecture	below 50% - 2 51-60 % - 3 61-70 % - 3,5 71-80 % -4 81 -90 % - 4,5 91 -100 % -5
U03, U05	test in the field of knowledge provided during the lecture	below 50% - 2 51-60 % - 3 61-70 % - 3,5 71-80 % -4 81 -90 % - 4,5 91 -100 % -5

K07	test in the field of knowledge provided during the lecture	below 50% - 2 51-60 % - 3 61-70 % - 3,5 71-80 % -4 81 -90 % - 4,5 91 -100 % -5

Program content

Selecting a solution and matching it with appropriate intellectual property protection tools. Use of appropriate intellectual property tools, i.e. patent, utility model, industrial design, trademark, know-how, copyright and related rights. Developing a strategy to protect the solution.

Course topics

The lecture program covers the following topics:

1. What is intellectual property? What is intellectual property and why it should be protected. Types of intellectual property protection resulting from R&D work (patents, industrial designs, utility models, know-how, copyright). Legal basis for industrial protection. Owner of property rights.
2. Requirements for patentability. Planning intellectual property protection during R&D work. Protection against disclosure of the essence of the solution.
3. Structure of a patent document. Preparation of documentation for the Polish Patent Office (UPRP), the European Patent Office (EPO), and the PCT procedure.
4. Filing an invention for protection, schedule, and strategies. Planning intellectual property protection resulting from R&D work. Determining the scope and type of planned protection.
5. Patent claims – structure and proceedings. Preparation of the patent description for R&D results. The essence of the solution/invention, determination of patent claims.
6. Stages of obtaining exclusive rights and procedural costs. Stages of evaluating a patent application by the Polish Patent Office. Maintenance of the patent. Protection fees.
7. Search and analysis of UPRP, Espacenet, Google Patents databases. Consideration of the International Patent Classification, keywords in Polish and English.

Teaching methods

Lecture: multimedia presentation including illustrations and examples.

Bibliography

Basic

Monika Nowikowska, Magdalena Rutkowska-Sowa, Zofia Zawadzka „Prawo własności intelektualnej” Wolters Kluwer 2018

Poradnik wynalazcy. Procedury zgłoszeniowe w systemie krajowym, europejskim, międzynarodowym UPRP 2017

Ustawa o prawie własności przemysłowej Dz.U. 2001 nr 49 poz. 508

Ustawa o prawie autorskim i prawach pokrewnych Dz.U. z 2022 r. poz. 2509

Additional

Industrial property protection "in a nutshell" UPRP 2023

Poradnik dla zgłaszających. Znaki towarowe i wzory przemysłowe UPRP 2021

Czym jest własność intelektualna? UPRP 2018

Ochrona wynalazków w Polsce UPRP 2018

Ochrona wzorów użytkowych w Polsce UPRP 2018

Ochrona wzorów przemysłowych w Polsce i w Unii Europejskiej UPRP 2018

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,0
Classes requiring direct contact with the teacher	4	0,0
Doctoral student's own work (literature studies, preparation for tutorials, project preparation, consultations with the teacher)[1]	21	1,0

[1] delete or add other activities as appropriate