GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	INTELLECTUAL AND INDUSTRIAL PROPERTY RIGHTS, PG_00064388		
Field of study	Chemistry		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	Subject group	Optional subject group Humanistic-social subject group
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	3	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	Maria Adamowicz	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	0.0	0.0	0.0	15

E-learning hours included: 0.0

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	15	5.0	30.0	50

Subject objectives

The purpose of this lecture is to discuss the national, international, and EU systems for the protection of intellectual property and copyright, as well as issues related to protection against unfair competition.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W07] integrates general knowledge in the humanities, social sciences, economics including their foundations, principles of protection of intellectual property and patent law relevant to appropriate interpretation and application in scientific and economic activities, and the concept of sustainable development	knows the legal foundations of Polish and European intellectual property law. The student is able to file for protection of an invention, a utility model, and an industrial design.	[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge
[K6_K04] is able to identify and resolve dilemmas related to the chemical engineering profession while respecting traditions and ethical principles	is aware of the issues (of a social, ethical, and environmental nature) associated with the implementation of a given technological innovation	[SK2] Assessment of progress of work
[K6_K02] is aware of the importance of non-technical aspects and consequences of engineering activities, including their impact on the environment, and of the related responsibility for the decisions to be taken	is prepared to independently plan and carry out engineering activities while taking into account the principles of intellectual property protection.	[SK2] Assessment of progress of work

Subject contents	Course content – lecture * Intellectual property rights, general characteristics, sources of law (national, international) * Subjects of protection under industrial property law -inventions, categories of inventions, exclusions from protection, costs of protection; - Utility model, concept of a utility model, protection of a utility model; - Industrial design, national, Community, and international protection; - Trademark, types of trademarks, national and Community protection; - Geographical indication, Community protection; - Integrated circuit topography; *Polish Patent Office: structure, responsibilities, and procedures for obtaining patents in Poland and abroad *Copyright: scope of copyright protection, types of works, fair use of protected works, criminal liability for copyright infringement *Moral rights (plagiarism, legal liability for plagiarism), economic rights (trading in economic rights), *Related rights, their characteristics, management of copyright and related rights, *Protection of computer programs, *Protection of databases *Protection of know-how, disclosure of know-how, legal basis for the protection of know-how and trade secrets, industrial espionage, combating unfair competition, *Measures for the protection of intellectual property rights (civil law, criminal law) *The Internet, lawful use of the Internet, Internet piracy, legal music streaming *Artificial intelligence and patents *Protection of computer-implemented inventions (CII)
Prerequisites and co-requisites	

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Multimedia presentation of a selected trademark	100.0%	50.0%
Written exam	50.0%	50.0%

Recommended reading	Basic literature	1/ Act on Industrial Property Rights (dated June 30, 2000) 2/ Act on Copyright and Related Rights (dated February 4, 1994) 3/ General guidelines of the President of the Polish Patent Office regarding inventions and utility models were published in “Patent Office News” (WUP No. 02/2023 of January 9, 2023) 4/ European Patent Convention, EPC 2000, 5/ Patent Cooperation Treaty (PCT). Consolidated Text on Patent Cooperation
	Supplementary literature	none
	eResources addresses	

Example issues/ example questions/ tasks being completed	1) What kinds of inventions are eligible for patents? 2) Protection of computer-implemented inventions 3) What can be a trademark? 4) What is subject to copyright? 5) What do moral rights protect, and how long do they last? 6) Economic rights 7) Invention application documentation—Protection of inventions abroad 8) Artificial intelligence and patents 9) Protection of computer-implemented inventions
Practical activites within the subject	Not applicable

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