GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	ACQUISITION AND PROTECTION OF SCIENTIFIC AND TECHNICAL INFORMATION, PG_00038887		
Field of study	Chemistry		
Date of commencement of studies	February 2025	Academic year of realisation of subject	2024/2025
Education level	second-cycle studies	Subject group	Obligatory subject group in the field of study
			Humanistic-social subject group
			Subject group related to scientific research in the field of study
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	1	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 and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	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	30	5.0	15.0	50

Subject objectives	Student has knowledge of how to protect intellectual property

Learning outcomes	Course outcome	Subject outcome	Method of verification
	K7_K04	The student is aware of the importance of ethical behavior, consistent with the health and safety at work and is aware of the dependence of the natural environment on the chemicals introduced to it, can identify dilemmas (including ethical) and challenges related to the profession of chemist.	[SK5] Assessment of ability to solve problems that arise in practice
	K7_K02	Student is aware of the validity of non-technical aspects and effects of engineering activities, including its impact on the environment and the associated responsibility for the taken decisions.	[SK3] Assessment of ability to organize work
	[K7_W06] has a advanced knowledge of knowledge of the principles of sustainable development as well as national and European environmental management conditions, in the protection of intellectual property and patent law	Student acquires knowledge about the legal and institutional forms of information protection in Poland and the European Union	[SW2] Assessment of knowledge contained in presentation
	[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems	The student can apply knowledge in the humanities or social or economic or legal sciences to solve problems.	[SU2] Assessment of ability to analyse information

Subject contents	The course, in particular, covers the following topics:
	* Intellectual property rights, general characteristics, sources of law (national, international)
	* Industrial property rights
	- Inventions, the categories of inventions, exclusion from the protection, cost of protection
	- Utility model, the concept of utility, utility model protection
	- Industrial design, national protection, community protection, international protection
	- Trademarks, kinds of trademarks, national and community protection
	- Geographical indications, national and community protection
	- Topographies of integrated circuits
	* Patent Office, structure, tasks, national and international procedures for obtaining a patent
	* Copyright, the subject of copyright protection, fair use of protected works, criminal liability for infringement of copyright
	* Copyright (plagiarism, liability in respect of plagiarism),
	* Related Rights, their characteristics, management of copyright and related rights,
	* Protection of computer programs, image protection, protection of secret sources of information, protection of the recipient correspondence
	* Protection of databases
	* Protection of know-how, know-how managing, the legal basis for the protection of know-how and business secrets, industrial espionage, protection against unfair competition,
	* Protection of intellectual property rights (civil law, criminal law)
	* Internet, lawful use of the Internet, Internet piracy, legal listening to music.
Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Test	50.0%	50.0%
	Multimedia presentation of the selected trademark	100.0%	50.0%

| Recommended reading | Basic literature | Prawo własności przemysłowej. Stan prawny na dzień 1 listopada 2007, Urząd Patentowy RP, Warszawa 2007,R.Golat Prawo autorskie i prawa pokrewne, C.H.Beck, 2005,E.Nowińska, M.de Vall Prawo własności przemysłowej, LexisNexis 2007 |

	Supplementary literature	
		Konwencja o patencie europejskim, EPC 2000, Układ o współpracy patentowej (PCT). Tekst jednolity o współpracy patentowej
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	- Internet as a source of information and various forms of activity - Threats of electronic databases with computer viruses - Vulnerabilities in computer systems - What do we know about hackers and hacking activities? - What do we know about penetration testing? - Selected typical attacks on computer networks	
Work placement	Not applicable	

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