Detailed course description (SUBJECT CARD)

Course title: Intellectual P Course code:	roperty Law
Classification of a course	group:
Course type:	general
	obligatory
Field of study: Chemistry	
Level of study:	second-cycle programme
Profile of study:	general academic
Mode of study:	full-time programme
Specialty (specialisation):	-
Year of study:	
Semester: 3	
Teaching modes and teach	ning hours:
-	lectures – 15 h
	seminars – 15 h
Language/s of instruction:	English
Number of ECTS credits (a	according to the study programme): 3

1. Course objectives:

The objective of Intellectual Property Law course is to deliver comprehensive knowledge that covers legislation and practical aspects of copyright, related rights and industrial property as well as to deliver practical knowledge about writing patent applications.

2. Relation of the field-related learning outcomes to modes of teaching and methods of verification as well as to assessment of student's learning outcomes:

symbol	assumed learning outcomes a student who completed the course:	teaching modes	verification methods and learning outcomes assessment
Knowledge:	a student knows and understands		
K2A_W15	Knows and understands the concepts and principles of the protection of industrial property and copyright law and the necessity for management of intellectual property; is able to use the resources of patent information	Lecture and seminar	Oral presentation and Discussion
K2A_W14	Has the knowledge necessary to understand the social, economic, legal and ethical considerations of scientific and educational activity	Lecture and seminar	Oral presentation and Discussion
Skills: a stude	ent can		
K2A_U07	Can obtain information from literature, patent information resources, chemical and biochemical databases and other properly selected sources in Polish and foreign language, can interpret the obtained information and draw conclusions	Lecture and seminar	Oral presentation and Discussion
Social compe	etences: a student is prepared to		
K2A_K04	Correctly identifies and resolves problems connected with intellectual property area and related to the profession	Lecture and seminar	Discussion
K2A_K07	Is able to think and act in an entrepreneurial way	Seminar	Discussion

3. The content of study programme ensuring learning outcomes (according to the study programme):

Copyright and related rights (including the basics of copyright, acts of Polish and European legislation, copyright at universities, scientific works and copyright).

Industrial property law - basics of industrial property law; Polish and European legal acts; preparation and filing of a patent application according to the national, regional (European) and international procedures; international agreements, international patent classification and codes used in patent documents; examples of patents and rules applicable when writing them; Trademarks.

4. Description of methods to determine the ECTS credits:

Type of activity	Number of hours / ECTS credits
Number of course hours regardless of a teaching mode	30/1,5

Student workload 1 [*] literature overview and individual work with patent databases	25/1,0
Student workload 2 [*] preparation of presentation and discussion/onsultation with academic teacher (during office hours)	20/0,5
Student workload n*	
Other**	
Total hours:	75
Number of ECTS credits allocated for a course	3

Description:

* – student workload, types of activities need to be provided, e.g. preparation for the course, interpretation of results, preparation of a course report, preparation for the examination, getting familiar with the literature, preparation of a project, presentation, written work, report, etc.
* – other e.g. additional course hours

- 5. Summary indexes:
 - number of course hours and ECTS credits at the course with a direct participation of academic teachers or other persons teaching the course and students: 30/1,5
 - number of course hours and ECTS credits at the course related to the scientific activity conducted at the Silesian University of Technology in a discipline or in disciplines to which a field of study is assigned- in the case of studies with a general academic profile: 0
 - number of course hours and ECTS credits at the course shaping practical skills- in the case of practical studies: 0
 - number of course hours conducted by academic teachers employed by the Silesian University of Technology as their primary workplace: 30
- 6. Persons conducting particular types of courses (name, surname, academic degree or degree in arts, title of professor, business e-mail address):

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7. Detailed description of teaching modes:

Lecture:

- ✓ Intellectual property definitions, history, types, institutions
- Copyright and related rights fundamentals, definitions and vocabulary, moral rights and copyrights
 - · Polish, European and other regions law acts;
 - copyright in educational and scientific institutions;
 - copyright in scientific work, the public access to science (especially Chemical and Biochemical publications);
 - copyright in a joint work as well as employment work;
 - transfer of copyright;
 - types of licences;
 - fair use and infringement;
 - academic dishonesty;
 - copyright in the internet and in computer programs.
- ✓ Industrial Property Law (patent law)
 - fundamentals of patent law;
 - Polish and European law acts;
 - rules of patenting;

• documents, procedures and requirements in Polish, European and International patenting procedures;

- exceptions in patenting;
- important rules and parts in writing a patent applications;
- identification of patent codes;
- examples of patents from different areas, especially chemistry, pharmacy and biotechnology;
- world and European patent databases;
- trademarks;
- unfair commercials.

Seminar:

Oral presentation and discussion of chosen topic:

- Copyright in scientific works and dissertations (fair use and infringement, citation rules, copyright policies and licences of major publishers, permission requests for using part of copyrighted work, Open access journals; plagiarism, examples of copyright infringement, etc.)
- ✓ Computer programs, electronic databases, and internet vs copyright (fair use and infringement of ebooks, music, movies, programs, games; court cases)
- Personal data protection and protection of image rights
- ✓ Patents in chemistry, biochemistry, pharmacology, biotechnology rules, examples, infringement; generic and original pharmaceuticals producers– examples of court cases; tricks of pharmaceutical companies;
- ✓ Trademarks and geographical signs legislation and examples
- ✓ Unfair commercial practices law, list and examples; infringement
- teaching methods, including distant learning:
 - lecture, discussion, multimedia technologies, individual consultations
 - form and criteria for successful semester completion, including retakes, as well as the conditions for admission to the examination:
 - Final grade- based on the quality of presentation of chosen topic + participation in discussion
 - course organisation and rules of participation in the course, with an indication whether a student 's attendance is obligatory
 - lectures (15 h) (non-obligatory)
 - seminars (15 h) (obligatory)
- 1) description of other teaching methods:

individual consultations

8. Description of the method to determine the final grade (rules and criteria for evaluation, as well as a calculation method for the evaluation in the case of a course which includes more than one teaching mode, including all teaching modes and all examination and credit dates including retake examinations):

Final grade = presentation 95% (including: substantive content 80% + presentation quality 10% + answer the questions 10%) + participation in discussions during the lectures 5%

- 9. Method and procedure for filling up arrears resulting from:
 - student's absence from the course,
 - differences in study programmes for persons changing a field of study, changing university or resuming studies at the Silesian University of Technology,
 - Additional paper on the topic suggested by lecturer
- 10. Prerequisites and additional requirements, taking into account the course sequence:

English language

11. Recommended sources and teaching aids:

• Documents, handbooks and materials issued by World Intellectual Property Organisation (WIPO) and European Patent Office (EPO) available online, e.g.:

- WIPO Intellectual Property Handbook: Policy, Law and Use
- http://www.wipo.int
- http://www.wipo.int/freepublications/en/patents/434/wipo_pub_l434_03.pdf
 Guide to using patent information
- https://www.epo.org
- https://www.epo.org/learning-events.html
- Websites of patent offices worldwide (e.g. American USPTO)

12. Description of teacher's competences (e.g. publications, professional experience, certificates, trainings etc. related to the programme contents implemented as part of the course):

Lectures and seminars on Intellectual Property, including intellectual property in chemistry, medicine, biotechnology, taught in Polish and in English (from 2001). Participation in patenting of chemical and technological inventions; co-author of several patent documents. Participation in conference from intellectual property area.

13. Other information:

None