Appendix No. 1.5 to the Resolution No. 61/2025
of the Rector of the University of Rzeszów

SYLLABUS

REGARDING THE QUALIFICATION CYCLE FROM 2026 TO 2029
ACADEMIC YEAR 2027/2028

1. BASIC COURSE/MODULE INFORMATION

Course/Module title	Intellectual Property Protection
Course/Module code *	
Faculty (name of the unit offering the field of study)	Faculty of Exact and Technical Sciences
Name of the unit running the course	Institute of Mathematics
Field of study	Mathematics
Qualification level	First-cycle studies
Profile	General academic
Study mode	Full-time
Year and semester of studies	Year 2, semester 4
Course type	General subject
Language of instruction	English
Coordinator	Joanna Kisała, PhD, DSc
Course instructor	

* - as agreed at the faculty

1.1.Learning format – number of hours and ECTS credits

Semester (no.)	Lectures	Classes	Laboratories	Seminars	Practical classes	Internships	others	**ECTS credits**
4	15							1

1.2. Course delivery methods

☒ conducted in a traditional way

☐ involving distance education methods and techniques

1.3. Course/Module assessment (exam, pass with a grade, pass without a grade)

Lecture - pass without a grade

2. PREREQUISITES

None

3. OBJECTIVES, LEARNING OUTCOMES, COURSE CONTENT, AND INSTRUCTIONAL METHODS

3.1. Course/Module objectives

O1	Familiarizing the student with tools and procedures allowing for the protection of intellectual property objects.
O2	Providing students with knowledge about the nature of intellectual property law norms.

3.2. COURSE/MODULE LEARNING OUTCOMES (TO BE COMPLETED BY THE COORDINATOR)

Learning Outcome	The description of the learning outcome defined for the course/module	Relation to the degree programme outcomes
LO_01	The student has basic knowledge in the field of intellectual property protection. Distinguishes between the protection of tangible and intangible intellectual property.	K_W09
LO_02	The student uses patent information resources based on the Patent Office Bulletin.	K_W09, K_K07
LO_03	The student evaluates creations of the human mind as specific objects of industrial property law and specific works.	K_K07
LO_04	The student observes patent law in professional activity as an element of professional ethics.	K_K07

3.3. Course content (to be completed by the coordinator)

A. Lectures

L1: Introduction to the protection and commercialization of mechatronics research results. Introduction – Basic concepts, scope, and internal systematics of intellectual property law.
L2: Sources of national and international law.
L3: General concept of a work and types of works.
L4: Trade secret – KNOW-HOW.
L5: Invention, protection of inventions under national and international procedures.

L6: Patent office and patent attorneys – role in the protection of intellectual property objects.
L7: Intellectual property on the Internet – Internet domains.
L8: Sui generis protection of databases.
L9: Moral rights and their protection.
L10: Economic rights and their protection.
L11: Transfer of intellectual property rights – licenses, contributing intellectual property to a technology company.
L12: Intellectual property in the employee-employer relationship - creator, employer or commissioner of the creator, entrepreneur, university, scientific institution.
L13: Lawful use of intellectual property objects with or without the consent of the right holder. Pursuing claims for infringement of protection rights.
L14: Preparation of a patent application project – structure of the application.
L15: Discussion of patent application projects.

3.4. Methods of Instruction

Lecture: traditional lecture, a lecture supported by a multimedia presentation.

4. Assessment techniques and criteria

4.1 Methods of evaluating learning outcomes

Learning outcome	Methods of assessment of learning outcomes (e.g. test, oral exam, written exam, project, report, observation during classes)	Learning format (lectures, classes,...)
LO-01	test	lecture
LO-02	test	lecture
LO-03	test	lecture
LO-04	test	lecture

4.2 Course assessment criteria

Lecture Passing the course requires completing a test Types of questions: A: Knowledge (memorization)

B: Understanding Passing the course requires completing a test Grading criteria: Pass is awarded if the student scores more than 50% of total points.

5. Total student workload needed to achieve the intended learning outcomes – number of hours and ECTS credits

Activity	Number of hours
Course hours	15
Other contact hours involving the teacher (consultation hours, examinations)	3
Non-contact hours - student's own work (preparation for classes or examinations, projects, etc.)	10
Total number of hours	28
Total number of ECTS credits	1

* One ECTS point corresponds to 25-30 hours of total student workload

6. Internships related to the course/module

Number of hours	*Not applicable*
Internship regulations and procedures	*Not applicable*

7. Instructional materials

Compulsory literature:
Complementary literature:

Approved by the Head of the Department or an authorised person