#### **COURSE OFFERED**

Name of the	Polish	Etyka badań naukowych i ochrona własności intelektualnej
	English	Ethics of scientific research and intellectual property
course		protection

#### 1. LOCATION OF THE COURSE OF STUDY WITHIN THE EDUCATION SYSTEM

1.1. Section <sup>1</sup>	Section of Exact and Natural Sciences
1.2. Discipline <sup>2</sup>	Biological Sciences, Chemical Sciences, Physical
	Sciences, Earth and related Environmental
	Sciences
1.3. Type of education	Intramural studies
1.4. Level of education	Doctoral School
1.5. Person preparing the course description	Agnieszka Gałuszka
1.6. Contact	agnieszka.galuszka@ujk.edu.pl

#### 2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Type of course <sup>3</sup>	General course
2.2. Language of the course	English

#### 3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Type of clas	sses <sup>4</sup>	Lecture							
3.2. The numbe	r of hours⁵	10							
3.3. Location of	classes	Classess held in classrooms at the campus							
3.4. Type of ass	essment	Pass with grade							
3.5. Didactic me	ethods	Verbal education methods: informative lecture, multimedia							
		presentation, discussions							
3.6. Literature	basic	Koepsell, D. (2016). Scientific integrity and research ethics: An approach from the ethos of science. Springer.							
		The Code of Ethics for Research Workers enacted by the General Assembly of the Polish Academy of Sciences. (2017). Warsaw. (https://instytucja.pan.pl/images/2016/komisja_etyki/Code_ of_Ethics_for_Research_Workers.docx).							
	supplementary	Stewart Jr, C. N. (2011). Research ethics for scientists: a companion for students. John Wiley & Sons. Saxena, A. (2019). Ethics in science: Pedagogic issues and							
		concerns. Springer.							

<sup>&</sup>lt;sup>1</sup> Section of Humanities:, Social Sciences, Section of Exact and Natural Sciences, Section of Medical and Health Sciences, Section of Arts.

<sup>&</sup>lt;sup>2</sup> History, Linguistics, Literary Studies, Medical Sciences, Health Sciences, Political and Administrative Sciences, Legal Sciences, Security Sciences, Pedagogy, Communication and Media Studies, Management and Quality Studies, Biological Sciences, Chemical Sciences, Physical Sciences, Earth and related Environmental Sciences, Visual Arts and Artwork Conservation, Musical Arts.

<sup>&</sup>lt;sup>3</sup> General courses, domain specific subjects in the section, disciplinary subjects in the sections, specialized subjects in the discipline.

<sup>&</sup>lt;sup>4</sup> Classes, lecture, seminar.

<sup>&</sup>lt;sup>5</sup> Consistent with the education program at the Doctoral School

Jan Kochanowski University in Kielce.

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## 4. OBJECTIVES, SYLLABUS CONTENT AND INTENDEND LEARNING OUTCOMES

## 4.1. Course objectives (including the form of classes)

C01 Introducing students to the principles of ethics in scientific research and the need to implement these principles in practice.

## 4.2. Syllabus content

Principles of contemporary ethics. Ethics and morality. Functions of professional ethics and their determinants. Fundamentals of ethics in science and research. Issues related to ethics in publishing research results. Problems related to the authorship of the publication. Protection of intellectual property and its rules. The issue of conflict of interest. Serious violations of the principles of scientific ethics – plagiarism, fabrication, falsification of research results and others. Codes of ethics for scientists and researchers, international organizations dealing with ethics in scientific research.

## 5. SUBJECT LEARNING OUTCOMES

Learning outcomes	A doctoral student who has passed the subject:	Reference to the learning outcomes of Doctoral School (according to the training program at the Doctoral School)
	in the area of KNOWLEDGE:	
W01	knows the ethical conditions of research activities and the legal conditions in the field of intellectual property protection.	SD_W06 SD_W08
U01	is able to assess the importance of the results of scientific research or project activities for the development of society.	SD_U04
	in the area of SOCIAL COMPETENCE:	
K01	is able to fulfill the obligations of the researcher and creator towards society.	SD_K03
K02	is able to conduct scientific research in an independent manner, taking into account the principle of public ownership of scientific research results and the	SD_K05
	protection of intellectual property.	

### 6. METHODS OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

		METHOD OF ASSESSMENT (+/-)																			
SUBJECT	Oral/writte n exam			Kolokwiu m (test)		Project			activity in class			Own work			Group work			Others			
LEARNING OUTCOMES	The type of classes			The type of classes		The type of classes															
	L	С	S	L	С	S	L	С	S	L	С	S	L	С	S	L	С	S	L	С	S
W01				+																	
U01				+																	
K01				+																	

		1		1	1		1					
K02		1	+	1	1		1					1
ROZ		1		i i	i i		1					i i

#### 7. CRITERIA OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

Form of classes	Grade	Criterrion of assessment
9	3,0	51-60% of credits from the test
(r)	3,5	61-70% of credits from the test
nre	4,0	71-80% of credits from the test
ecti	4,5	81-90% of credits from the test
Ľ	5,0	91-100% of credits from the test

# Accepted for execution

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<sup>&</sup>lt;sup>6</sup> Remove unnecessary.