

A COURSE SYLLABUS – DOCTORAL SCHOOL
regarding the qualification cycle from 2024/2025 to 2027/2028

GENERAL INFORMATION ABOUT COURSE				
Course title	CREATION OF SCIENTIFIC TEXTS			
Name of the unit running the course	Doctoral School at University of Rzeszów			
Type of course (<i>obligatory, optional</i>)	obligatory			
Year and semester of studies	year II, semester III (winter)			
field/discipline	interdisciplinary (<i>sciences and technology, medical and health sciences, agricultural sciences</i>)			
Language of Course	English language			
Name of Course coordinator	dr hab. Andrzej Wal, prof. UR			
Name of Course lecturer	dr hab. Andrzej Wal, prof. UR			
Prerequisites	The ability to search scientific literature and to collect and interpret research results. Knowledge of a foreign language at B2 level.			
BRIEF DESCRIPTION OF COURSE (100-200 words)				
<p>The aim of the course is for the student to acquire the skills necessary for the correct preparation of written forms of scientific communication, i.e. an article presenting the results of one's own experimental work, a review article, a popular science article, a doctoral dissertation and an abstract for a scientific conference. During the course, the principles of creating individual components of a scientific text (abstract, introduction, methodology, research results, discussion, conclusions and bibliography), ways of presenting one's own research results and determinants of the choice of tools and techniques supporting the process of writing a scientific paper (AI tools, creation of graphics and bibliography) will be discussed, as well as ethical aspects directly related to the process of creating scientific articles and the publishing process.</p>				
COURSE LEARNING OUTCOMES AND METHODS OF EVALUATING LEARNING OUTCOMES				
Learning outcome	The description of the learning outcome defined for the course	Relation to the degree programme outcomes (symbol)	Learning Format (Lectures, classes,...)	Method of assessment of learning outcomes (e.g. test, oral exam, written exam, project,...)
Knowledge (no.)	knows and understands			
P8S_WG2	The doctoral student has knowledge of the directions of development and the latest discoveries, including world ones, in the selected scientific discipline.	P8S_WG	exercises	written work - preparation of a scientific article
Skills (no.)	able to			
P8S_UK2	The student is able to prepare a scientific article, a monograph or a popular science article in the field of the chosen discipline in Polish and in a foreign language. catalogue, an artistic	P8S_UK	exercises	written work - preparation of a scientific article

	monograph, a critical text in the field of a given scientific discipline in Polish and a foreign language.			
P8S_UK/6	Using a foreign language at B2 level of the Common European Framework of Reference for Languages, the PhD student is able to speak in public to present the results of his/her scientific research and to participate in the discussion of scientific and professional issues in an international environment.	P8S_UK	exercises	written work - preparation of a scientific article;
Social competence (no.)	ready to			
P8S_KK	Is ready to is ready to critically appraise other scientific publications in the field of the selected discipline.	P8S_KK	exercises	written work - preparation of a scientific article

Semester (no.)	Lectures	Seminars	Conversatory / Lab classes	Internships	others	ECTS
3	-	6	-	-	-	1

METHODS OF INSTRUCTION

MULTIMEDIA PRESENTATION, DISCUSSION, PREPARATION OF A SCIENTIFIC TEXT BY THE DOCTORAL STUDENT.

COURSE CONTENT

Principles and guidelines for the preparation of a research article, review article, popular science article and dissertation.
 Proper structure of a scientific text.
 Ways of presenting research results.
 Principles of using artificial intelligence in the writing of scientific articles.
 Tools to support the process of editing scientific articles.
 Scientific journals.

COURSE ASSESSMENT CRITERIA

The condition for passing is to perform the ordered exercises.

Grading criteria:

- 5.0 – exercises passed with a number of points greater than 9;
- 4.5 – exercises passed with a number of points greater than 8;
- 4.0 – exercises passed with a number of points greater than 7;
- 3.5 – exercises passed with a number of points greater than 6;
- 2.0 – exercises passed with a number of points greater than 5;
- 2.0 – exercises passed with a number of points less than 5.

- Active attendance in class may increase the grade by half a grade.

TOTAL PhD STUDENT WORKLOAD REQUIRED TO ACHIEVE THE INTENDED LEARNING OUTCOMES – NUMBER OF HOURS AND ECTS CREDITS	
Activity	Number of hours
Scheduled course contact hours	6
Other contact hours involving the teacher (consultation hours, examinations)	4
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	20
Total number of hours	30
Total number of ECTS credits*	1
INSTRUCTIONAL MATERIALS	
Compulsory literature:	<p>Stępień B: Principles of writing scientific texts. PWN, Warsaw 2016.</p> <p>Siuda P, Wasalczyk P, Publikacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko, PWN, Warszawa 2018.</p> <p>Wallwork A, English for Writing Research Papers, Springer Cham, 2023.</p> <p>Day R A, How to write and publish a scientific paper, Cambridge University Press, 1989.</p>
Complementary literature:	Haber E, Jemielniak D, Kurasiński A, Przegalińska A, Using AI in academic writing and research : a complete guide to effective and ethical academic AI, Springer Nature, 2025

*(1 ECTS CREDIT CORRESPONDS TO 25 - 30 HOURS OF THE TOTAL WORKLOAD OF A DOCTORAL STUDENT, NEEDED TO ACHIEVE THE ESTABLISHED EFFECTS).

.....
Date and signature of the Course lecturer

.....
Approved by the Head of the Department or an authorised person