

**A COURSE SYLLABUS – DOCTORAL SCHOOL
REGARDING THE QUALIFICATION CYCLE FROM 2022 TO 2026**

GENERAL INFORMATION ABOUT COURSE				
Course title	Creation of scientific texts			
Name of the unit running the course	Doctoral School of the University of Rzeszów			
Type of course (<i>obligatory, optional</i>)	Obligatory			
Year and semester of studies	Year 2; semester 3			
Discipline	General course for all disciplines			
Language of Course	Polish/English			
Name of Course coordinator	Grzegorz Bartosz			
Name of Course lecturer	Grzegorz Bartosz			
Prerequisites	General knowledge on publishing results of scientific research. Knowledge of principles of bibliometrics. Knowledge of a foreign language (B2 level).			
BRIEF DESCRIPTION OF COURSE (100-200 words)				
<p>This practical course aims to prepare the Ph. D. student to create properly scientific texts: a doctoral dissertation, a conference abstract, an experimental paper, a review paper, and a popular paper. During the course, the criteria of authorship, the choice of a scientific journal, conforming editorial requirements of a journal, and proper preparation of individual parts of a paper (abstract, introduction, material and methods, presentation and description of results, discussion, list of references, author contributions, and other formal requirements) will be discussed. Recommendations for preparing a review paper, PRISMA recommendations for a systematic review/data metaanalysis, and chosen aspects of preparation of the doctoral dissertation will also be considered. The condition of passing the course is the preparation of a proper experimental or review paper, which could be submitted to a scientific journal.</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)			
AG_W1	The Ph.D. student is aware of the on the directions of development and current state of knowledge in the chosen scientific discipline and knows the relevant to the problem of the publication.	PS_WG2	Individual preparation of a Ph. D. student, practical classes	Preparation of a publication
Skills (no.)	(Able to)			
AG_U2	Doktorant potrafi postugiwać się językiem obcym na poziomie B2 Europejskiego Systemu Kształcenia Językowego w stopniu umożliwiającym napisanie abstraktu i artykułu	PS_UK6	Individual preparation of a Ph. D. student, practical classes	Preparation of a publication

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AG_U2	The Ph. D. student is able to use a foreign language at the B2 level to prepare an abstract and a scientific paper.	PS_UK6	Individual preparation of a Ph. D. student, practical classes	Preparation of a publication		
Social competence (no.)	(Ready to)					
AG_KS1	The Ph. D. student is ready to critically evaluate other papers in the range of the scientific discipline	PS_KK1	Individual preparation of a Ph. D. student, practical classes	Preparation of a publication		
LEARNING FORMAT – NUMBER OF HOURS						
Semester (n0.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
III			6			1
METHODS OF INSTRUCTION						
Multimedial presentation, discussion, problem solving, preparation of a scientific publication by the course participants						
COURSE CONTENT						
<p>Proper preparation of a conference abstract. The choice of journal for the publication of an experimental or review article. Impact factor and the score of the Ministry of Education and Science of a journal. Publication fee. Scope and editorial requirements of a journal. The art of writing the Abstract. The proper Introduction (summary of the current state of knowledge, hypothesis, aim of the study). Proper description of Materials and Methods. Optimal presentation of Results. Exhaustive Discussion. Conclusions. Author contributions; the CREDIT system. Financial support. Acknowledgements. Other formal requirements – ethical question, sample, and data availability. Proper formatting of literature references. Programs facilitating the management of references, as exemplified by EndNote.</p> <p>Preparing a review paper and metaanalysis of literature data. The PRISMA guidelines.</p> <p>Preparing a popular scientific article.</p> <p>Important aspects of the preparation of a doctoral dissertation.</p>						
COURSE ASSESSMENT CRITERIA						
<p>Participation in the practical course. Preparation of an experimental or review paper.</p> <p>Proper preparation of all parts of the paper (Introduction, Materials and Methods, Results, Discussion, References, remaining parts) - grade 5.0</p> <p>Lack or incomplete/improper preparation of one element of the paper – grade 4.5</p> <p>Lack or incomplete/improper preparation of two elements of the paper – grade 4.0</p> <p>Lack or incomplete/improper preparation of three elements of the paper – grade 3.5</p> <p>Lack or incomplete/improper preparation of four elements of the paper – grade 3.0</p>						
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:	Stępień B: Zasady pisania tekstów naukowych. PWN, Warszawa 2016.
Complementary literature:	<p>Bajwa SJS, Sawhney C. Preparing manuscript: Scientific writing for publication. Indian Journal of Anaesthesia 2016, 60(9), 674.</p> <p>Jirge PR. Preparing and publishing a scientific manuscript. Journal of Human Reproductive Sciences 2017, 10(1), 3.</p> <p>Page MJ, McKenzie JE, Bossuyt PM, Boutron I, Hoffmann TC, Mulrow CD, Shamseer L, Tetzlaff, JM. Akl EA, Brennan SE et al. The PRISMA 2020 Statement: An Updated Guideline for Reporting Systematic Reviews. International Journal of Surgery 2021, 88, 105906.</p>