

A COURSE SYLLABUS – DOCTORAL SCHOOL
REGARDING THE QUALIFICATION CYCLE 2025/2026 TO 2028/2029

GENERAL INFORMATION ABOUT COURSE				
Course title	DOCTORAL SEMINAR			
Name of the unit running the course	Rzeszów University Doctoral School			
Type of course (<i>obligatory, optional</i>)	obligatory			
Year and semester of studies	Years I–IV, Semesters I–VII			
Discipline	Economics and Finance			
Language of Course	Polish / English			
Name of Course coordinator	Dr hab. Grzegorz Hajduk, prof. UR			
Name of Course instructor	Dr hab. Grzegorz Hajduk, prof. UR			
Prerequisites	Academic education at master's degree level. Knowledge, skills and social competences at level 7 of the Polish Qualifications Framework.			
BRIEF DESCRIPTION OF COURSE (100-200 words)				
<p>The aim of the course is to develop the knowledge, social competences and skills necessary for doctoral students to conduct independent research, in particular in the selection and problematisation of research topics, the formulation of research objectives and hypotheses, and the planning and implementation of the research process leading to the preparation of a doctoral dissertation. The course supports the development of knowledge, critical analysis of scientific literature, research design, and interpretation and synthesis of empirical and theoretical research results in the discipline of economics and finance.</p> <p>An important goal of the doctoral seminar is also to prepare doctoral students for independent scientific and publishing activity, including the preparation of scientific articles, the presentation of research results at national and international conferences, and active participation in scientific discourse. During individual consultation meetings, progress in the implementation of the individual research plan is monitored, the methodological and editorial consistency of the doctoral dissertation is verified, and measures are taken to prepare the doctoral student for its defence and further academic career.</p>				
COURSE LEARNING OUTCOMES AND METHODS OF EVALUATING LEARNING OUTCOMES				
Learning outcome	The description of the learning outcome defined for the course	Reference to learning outcomes for qualifications at Level 8 of the Polish Qualification Framework (PRK) (symbol)	Learning Format (Lectures, classes,...)	Method of assessment of learning outcomes (e.g. test, oral exam, written exam, project,...)
Knowledge: (no.)	<i>knows and understands</i>			
P8S_WG1	Has extensive theoretical knowledge supported by research experience and is familiar with the current scientific output, including global achievements, in the discipline of economics and finance, as well as general issues related to allied	P8S_WG	seminar	oral presentation, discussion

	disciplines connected with the doctoral research interests, at a level enabling the confirmation or rejection of existing paradigms.			
P8S_WG2	Knows the directions of scientific research development in the discipline of economics and finance, including the latest national and international achievements in the field.	P8S_WG	seminar	oral presentation, discussion
P8S_WG3	Knows, understands and is able to apply concepts used by researchers and specialists in the discipline of economics and finance and related disciplines, both in the native language and in a foreign language relevant to the discipline.	P8S_WG	seminar	oral presentation, discussion
Skills: (no.)	<i>is able to</i>			
P8S_UW1	Based on interdisciplinary knowledge, is able to identify and solve scientific research problems, define research objectives, formulate hypotheses and research subjects, select and improve research techniques, methods and tools, and draw conclusions based on research results.	P8S_UW	seminar	oral presentation, discussion
P8S_UW2	Is able to select and use scientific literature to diagnose and solve research problems and innovative activities within conducted research, and to apply appropriate research methods to create new elements of scientific output.	P8S_UW	seminar	oral presentation, discussion
P8S_UW3	Using interdisciplinary knowledge, is able to analyse and evaluate research results, expert reports and other scientific studies, and to formulate opinions, including critical judgments.	P8S_UW	seminar	oral presentation, discussion
P8S_UK6	Is able to publicly present scientific research results and participate in discussions on scientific, social and professional	P8S_UK	seminar	oral presentation, discussion

	issues in an international environment, using a foreign language at a level of at least B2 according to the Common European Framework of Reference for Languages.					
Social competence: (no.)	<i>is ready to</i>					
P8S_KK1	Is prepared to critically evaluate achievements within the discipline of economics and finance and to assess the contribution of own research results to the development of the discipline.	P8S_KK	seminar			oral presentation, discussion
P8S_KK3	Based on extensive knowledge, is ready to solve complex cognitive and practical problems.	P8S_KK	seminar			oral presentation, discussion
LEARNING FORMAT – NUMBER OF HOURS						
Semester (no.)	Lectures	Seminars	Lab classes	Placements	other	ECTS
I - VII	-	-	-	-	7 x 15 105	7 x 2 ECTS – 14 ECTS
METHODS OF INSTRUCTION						
<ul style="list-style-type: none"> • Scientific discussion, • analysis of scientific literature, • multimedia presentation, • preparation and presentation of research objectives, research methods and research results, • assessment assignments, • monitoring progress in the preparation of the doctoral dissertation. 						
COURSE CONTENT						
<p>SEMESTER I - CONCEPTUALISATION OF RESEARCH AND PROBLEMATIZATION OF PHENOMENA Specificity of scientific research in the discipline of economics and finance. Identification of economic phenomena as the subject of scientific research. Criteria for selecting a research problem: originality, cognitive significance and practical relevance. Defining the subject and scope of research. Initial formulation of research objectives and research questions. Relationship between research objectives and the structure of the doctoral dissertation. Preparation of the initial version of the individual research plan.</p> <p>SEMESTER II - THEORETICAL FOUNDATIONS AND CRITICAL LITERATURE REVIEW Selection and application of core theories relevant to the research topic.</p>						

Critical literature review as a structured research process.

Strategies for conducting literature searches in international and national academic databases.

Identification of research gaps, theoretical inconsistencies and underexplored research areas.

Selection and definition of key concepts related to the doctoral dissertation topic.

Literature review as the basis for formulating research hypotheses.

Use of digital tools and artificial intelligence in literature analysis.

Approval of the individual research plan.

SEMESTER III - RESEARCH DESIGN

Research paradigms in economics and finance, with reference to management sciences.

Justification of the selected research approach.

Structure of the research process.

Methodological rigour in the implementation of the doctoral dissertation.

Selection of research methods and techniques appropriate to the research problem and objectives.

Selection of the research sample.

Selection of data analysis methods.

SEMESTER IV - RESEARCH IMPLEMENTATION AND DATA ANALYSIS

Organisation and planning of empirical research.

Collection of primary and secondary data.

Desk research, analysis of existing data and netnography.

Design of research instruments.

Pilot testing of research instruments.

Preliminary analysis and interpretation of research results.

Identification of limitations of empirical research and methods for addressing them.

SEMESTER V - INTERPRETATION AND PRESENTATION OF RESEARCH RESULTS

Interpretation of research results in the context of theory.

Structure and logic of scientific publications in the discipline of economics and finance.

Strategies and principles for presenting research results.

Criteria for doctoral dissertation evaluation and the review process.

Preparation of presentations of research results.

Participation in national and international conferences as an element of academic development.

SEMESTER VI - DOCTORAL DISSERTATION DEVELOPMENT

Logic of theoretical, methodological and empirical chapters in the doctoral dissertation.

Development of empirical research results: data organisation, aggregation of findings and synthesis of analyses.

Verification of research objectives, research hypotheses and answers to research questions.

Development of models, patterns, concepts or analytical frameworks.

Preparation and verification of tables, figures, diagrams and charts.

Verification of methodological and logical coherence of the doctoral dissertation.

Critical reflection on research results and their limitations.

SEMESTER VII - RESEARCH SYNTHESIS AND FINALISATION OF THE DOCTORAL DISSERTATION

Coherence of the research concept and the structure of the doctoral dissertation.

Scientific contribution of the doctoral dissertation to the development of the discipline of economics and finance.

Integration of empirical and theoretical research results.

Final editing of the doctoral dissertation.

Preparation for the doctoral dissertation defence.

Doctoral student self-presentation and public speaking.

COURSE ASSESSMENT CRITERIA

Assessment is based on the doctoral student's continuous work in each semester and academic year, including: progress in conducting research, expanding knowledge, studying the required scientific literature, engagement in seminar activities, and advancement in the preparation of the doctoral dissertation.

The course is completed after each semester with one of the following outcomes:

pass (zal.),

fail (nzal.).

A pass is awarded according to the percentage of points obtained, as follows:

up to 50% - fail

The doctoral student does not demonstrate progress in scientific research, does not expand knowledge, does not study the required scientific literature, does not participate in substantive academic discussion, and does not fulfil academic responsibilities.

51–100% - pass

The doctoral student demonstrates progress in scientific research, expands knowledge, studies basic and supplementary scientific literature, participates substantively in academic discussion, and fulfils all academic responsibilities.

TOTAL DOCTORAL STUDENT WORKLOAD REQUIRED TO ACHIEVE THE EXPECTED LEARNING OUTCOMES – NUMBER OF HOURS AND ECTS CREDITS

Activity	Number of hours
Scheduled course contact hours	7 x 15 = 105 hrs.
Other contact hours involving the instructor (duty hours, examinations)	6
Non-contact hours – student's own work (preparation for classes or examinations, project, etc.)	309
Total number of hours	420
Total number of ECTS credits	7 x 2 ECTS – 14 ECTS

INSTRUCTIONAL MATERIALS

Compulsory literature:	<ol style="list-style-type: none"> 1. Stachak S., Podstawy metodologii nauk ekonomicznych, Difin, Warszawa 2013. 2. Babbie E., Podstawy badań społecznych, PWN, Warszawa 2025. 3. Wojciechowska R., Nowogródzka T., Miciuła I., Metodologia badań naukowych w naukach ekonomicznych Texter, Warszawa 2016.
Complementary literature:	<ol style="list-style-type: none"> 1. Popper K.R, Logika odkrycia naukowego Wydawnictwo Naukowe PWN, Warszawa 2002. 2. Podstawy metodologii badań w naukach o zarządzaniu, red. W. Czakon, Wolters Kluwer, Warszawa 2015. 3. Burnewicz J., Filozofia i metodologia nauk ekonomicznych PWN, Warszawa 2021. 4. Badania jakościowe. Metody i narzędzia, red. D. Jemielniak, Wydawnictwo Naukowe PWN, Warszawa 2012. 5. Metody badań ilościowych, red. Sułkowski, Ł., Lenart-Gansiniec, R., Kolasińska-Morawska, K. Wydawnictwo Społecznej Akademii Nauk, Łódź 2021.

	<ol style="list-style-type: none">6. Wójcik K., <i>Piszę akademicką pracę promocyjną: licencjacką, magisterską, doktorską</i> Wolters Kluwer Polska, Warszawa 2012.7. Artykuły naukowe z czasopism krajowych i międzynarodowych z zakresu ekonomii i finansów (dobierane indywidualnie do tematyki rozprawy doktorskiej).
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*(1 ECTS POINT CORRESPONDS TO 25–30 HOURS OF TOTAL WORK BY THE DOCTORAL STUDENT REQUIRED TO ACHIEVE THE INTENDED RESULTS)

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Date and signature of the Course instructor

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Approved by the Head of the Department or an authorised person