

**A COURSE SYLLABUS – DOCTORAL SCHOOL**  
REGARDING THE QUALIFICATION CYCLE FROM 2020 TO 2024

<b>GENERAL INFORMATION ABOUT COURSE</b>				
Course title	<b>Doctoral Seminar</b>			
Name of the unit running the course	Doctoral School at University of Rzeszów			
Type of course ( <i>obligatory, optional</i> )	<i>obligatory</i>			
Year and semester of studies	2020/2021; 2021/2022; 2022/2023; 2023/2024 semestr I-VII			
Discipline	<b>Food and nutrition technology</b>			
Language of Course	Polish language			
Name of Course coordinator	Agata Znamirowska PhD, DSc, Associate Professor			
Name of Course lecturer	Agata Znamirowska PhD, DSc, Associate Professor			
Prerequisites	The scope of knowledge resulting from the curriculum of the selected scientific discipline Knowledge of a modern foreign language (English) to the extent enabling the use of foreign language sources of scientific information			
<b>BRIEF DESCRIPTION OF COURSE</b> (100-200 words)				
The aim of the seminar is to prepare doctoral students to independently conduct research, presentations at conferences, write scientific texts, primarily a doctoral dissertation showing the latest scientific achievements in the discipline of food and nutrition technology.				
<b>COURSE LEARNING OUTCOMES AND METHODS OF EVALUATING LEARNING OUTCOMES</b>				
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,...)
<b>Knowledge (no.)</b>	<b>Knows and understands:</b>			
1	world scientific achievements in the discipline in which he conducts research,	P8S-WG/1	Sem	Discussion, publication
2	the latest methodological and methodological issues in the discipline of which he conducts research and in related disciplines,	P8S-WG/2 P8S-WG/3	Sem	Publication
3	rules for disseminating research results,	P8S-WG/4	Sem	Publication
4	knows the possibilities and principles of knowledge transfer to the economic sphere.	P8S-WK/3	Sem	Discussion, publication
<b>Skills (no.)</b>	<b>Can:</b>			
1	solve problems creatively	P8S-UW/1	Sem	Discussion, publication
2	independently search for research problems that require a solution	P8S-UW/2	Sem	Discussion, publication

3	think analytically and synthetically	P8S-UW/2	Sem	Publication
4	think creatively and innovatively	P8S-UW/3	Sem	Publication
5	has the ability to quickly adapt, assimilate new knowledge, abstract thinking	P8S-UK/1 P8S-UK/2	Sem	Discussion
6	initiate a discussion, participate in the international scientific discourse	P8S-UK/3 P8S-UK/4	Sem	Discussion, publication
7	transfer scientific activity to the economic and social sphere	P8S-UO, P8S-UU/1	Sem	Discussion
<b>Social competence (no.)</b>	He is ready to:			
1	is critical in assessing the contribution of its own research activities to the advancement of food sciences and nutrition	P8S-KK/1 P8S-KK/2	Sem	Discussion, speech at the conference
2	make a critical assessment of the output of other researchers	P8S-KK/3	Sem	Discussion
3	shows a pluralistic attitude towards the problems undertaken by science,	P8S-KO/1	Sem	Discussion
4	behaves ethically while carrying out research work	P8S-KR	Sem	Discussion

#### LEARNING FORMAT – NUMBER OF HOURS

Semester (no.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
I-VII	-	-	-	-	240	-

#### METHODS OF INSTRUCTION

*E.G, LECTURE: A PROBLEM-SOLVING LECTURE/A LECTURE SUPPORTED BY A MULTIMEDIA PRESENTATION/ DISTANCE LEARNING CLASSES: TEXT ANALYSIS AND DISCUSSION/PROJECT WORK (RESEARCH PROJECT, IMPLEMENTATION PROJECT, PRACTICAL PROJECT)/ GROUP WORK (PROBLEM SOLVING, CASE STUDY, DISCUSSION)/DIDACTIC GAMES/ DISTANCE LEARNING LABORATORY CLASSES: DESIGNING AND CONDUCTING EXPERIMENTS)*

Discussion with the supervisor at seminars, discussions with other researchers, independent collection of specialist knowledge, independent completion of knowledge, active participation in conferences, conducting scientific research, preparation of a research project, publication and doctoral dissertation

#### COURSE CONTENT

##### 1. Lectures/ Seminars:

- Assessment of the progress of the research work constituting the basis of the doctoral dissertation
- Developing detailed knowledge in the area of research forming the basis of a doctoral dissertation
- Developing the general knowledge of PhD students in the discipline of food and nutrition technology
- Preparation of doctoral students to independently conduct research and write scientific texts, primarily a doctoral dissertation

2. Seminars / Lab classes/ others: -

**COURSE ASSESSMENT CRITERIA**

Assessment of the promoter on the basis of the presented research and discussions during the seminar, assessment of the progress in scientific research, verification by observation, review of the publication and doctoral dissertation.

**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	240
Other contact hours involving the teacher (consultation hours, examinations)	
Non-contact hours – student’s own work (preparation for classes or examinations, project, etc.)	500
<b>Total number of hours</b>	740
<b>Total number of ECTS credits</b>	0

**INSTRUCTIONAL MATERIALS**

Compulsory literature:	INDICATED BY THE PROMOTER
Complementary literature:	Indicated by the promoter