

**A COURSE SYLLABUS – DOCTORAL SCHOOL  
REGARDING THE QUALIFICATION CYCLE FROM 2019 TO 2023**

<b>GENERAL INFORMATION ABOUT COURSE</b>				
Course title	Doctoral seminar			
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	1 <sup>nd</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> ; III-VIII semester			
Discipline	Food technology and Nutrition			
Language of Course	Polish			
Name of Course coordinator	Dr hab. Ireneusz Kapusta, prof. UR			
Name of Course lecturer	Dr hab. Ireneusz Kapusta, prof. UR			
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 (100-200 words)</b>				
The subject matter of the seminars conducted in each semester of training at the doctoral school includes all aspects supporting the progress of the doctoral student's scientific work. The main objectives of the course include: learning the methodology of scientific work in the discipline and preparation of a concept of experiment, improving skills related to the research workshop, critical analysis of own and other authors' research results, presentation of own research results at conferences and their dissemination in publications				
<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	knows and understands the world's scientific achievements in the discipline of his research	P8S-WG/1 P8S_WG/2	seminar	Research presentation, observation, discussion
2	is familiar with the latest methodological and methodological issues in the discipline he is researching and in related disciplines	P8S-WG/2 P8S-WG/3	seminar	Research presentation, observation, discussion
3	knows the principles of dissemination of the results of scientific activity	P8S-WG/4	seminar	Research presentation, observation, discussion
<b>Skills (no.)</b>	<b>(Able to)</b>			
1	can solve problems creatively	P8S-UW/1	seminar	Research presentation, observation, discussion

2	is able to independently search for research problems requiring solution	P8S-UW/2	seminar	Research presentation, observation, discussion		
3	is able to transfer the results of scientific activities to the economic sphere	P8S-UW/3	seminar	Research presentation, observation, discussion		
4	is able to disseminate research findings in popular forms	P8S-UK/2	seminar	Research presentation, observation, discussion		
5	is able to communicate on specialized topics; initiate debate	P8S-UK/1 P8S-UK/3 P8S-UK/4	seminar	Research presentation, observation, discussion		
6	can think analytically and synthetically	P8S-UO	seminar	Research presentation, observation, discussion		
7	can think creatively and innovatively; has the ability to adapt quickly, assimilate new knowledge, think abstractly	P8S-UU/1	seminar	Research presentation, observation, discussion		
<b>Social competence (no.)</b>	<b>(Ready to)</b>					
1	Is ready to critically evaluate the contribution of one's own research activities to the advancement of food and nutrition science	P8S-KK/2	seminar	Research presentation, observation, discussion		
2	Is ready to critically evaluate accomplishments within the discipline	P8S-KK/1	seminar	Research presentation, observation, discussion		
3	Is ready to recognize knowledge in solving problems in food science and nutrition	PS-KK/3	seminar	Research presentation, observation, discussion		
4	Demonstrates a pluralistic attitude toward problems addressed by science	P8S-KO/1 P8S-KR	seminar	Research presentation, observation, discussion		
<b>LEARNING FORMAT – NUMBER OF HOURS</b>						
Semester (no.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
III i V	5	10	—	—	—	0
<b>METHODS OF INSTRUCTION</b>						
Discussion with the supervisor at seminars, discussions with other academics, independent gathering of specialized knowledge, independent supplementation of knowledge, active participation in conferences, conducting scientific research, preparing a research project, publication and dissertation						
<b>COURSE CONTENT</b>						

- Evaluate the progress of the research work that forms the basis of the dissertation
- To develop detailed knowledge in the area of research forming the basis of the doctoral dissertation
- To develop general knowledge of PhD students in the discipline of food and nutrition technology
- To prepare doctoral students to conduct research work independently and to write scientific texts, primarily a doctoral dissertation

**COURSE ASSESSMENT CRITERIA**

Supervisor credit based on research presented and seminar discussion, evaluation of research progress, verification by observation, review of publications and 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	180
Other contact hours involving the teacher (consultation hours, examinations)	—
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	240
<b>Total number of hours</b>	420
<b>Total number of ECTS credits</b>	0

**INSTRUCTIONAL MATERIALS**

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

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Date and signature of the Course lecturer

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Approved by the Head of the Department or an authorised person