

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

<b>GENERAL INFORMATION ABOUT COURSE</b>				
Course title	<b>SCIENTIFIC CONFERENCE/ EXHIBITION/ CONTRIBUTION</b>			
Name of the unit running the course	Doctoral School at University of Rzeszów			
Type of course ( <i>obligatory, optional</i> )	compulsory subject			
Year and semester of studies	year II, semester IV, year III, semester VI			
Discipline	<b>biotechnology</b>			
Language of Course	Polish language			
Name of Course coordinator	<b>Dr Anna Lewińska, Prof. UR</b>			
Name of Course lecturer	<b>Dr Anna Lewińska, Prof. UR</b>			
Prerequisites	The scope of knowledge, skills and social competences resulting from completing higher education. Knowledge of English at B2 CEFR level, with a focus on specialist vocabulary.			
<b>BRIEF DESCRIPTION OF COURSE</b> (100-200 words)				
<p>The aim of the course entitled 'Scientific conference/exhibition/performance' is to prepare doctoral students to actively participate in national and international scientific community events. One of the key elements of a researcher's work, apart from conducting scientific research, is to publish the results of their research, both in the form of articles or monographs, as well as in public presentations at conferences, symposia and scientific congresses among experts. Participation in scientific conferences/exhibitions/presentations also involves the ability to discuss scientific research, research results, as well as methodological or conceptual limitations. These elements are important in the development of every scientist. As part of the course, doctoral students will improve, among other things, their presentation skills, their public speaking skills, and the way they present the results of their own research. At the same time, the content presented by the doctoral student will be subject to broader discussion in order to identify opportunities for initiating scientific debate and conducting a broader scientific discourse related to the discipline of biotechnology and the subject of the doctoral student's scientific research, including in a foreign language.</p>				
<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>	knows and understands, has knowledge			
<b>P8S_WG2</b>	Has extensive knowledge of the latest global research achievements and trends in the field of biotechnology, particularly in areas related to their research interests.	<b>P8S_WG</b>	lectures	discussion
	can			
<b>P8S_UK1</b>	Conducts scientific research related to the topic of their doctoral dissertation, communicates in specialist language with the national and international community of scientists and practitioners, presenting and consulting the results of their research activities.	<b>P8S_UK</b>	lectures	discussion

<b>P8S_UK3</b>	Is able to organise and actively participate in scientific and professional events related to the research conducted in the discipline of biotechnology.			<b>P8S_UK</b>	lectures	discussion report with attached summary of the speech
<b>P8S_UK4</b>	Is able to initiate and conduct a scientific debate based on scientific evidence in the national and international community of theoretical specialists and practitioners.			<b>P8S_UK</b>	lectures	discussion report with attached summary of the speech
<b>P8S_UK5</b>	Is able to actively participate in scientific discourse related to the subject matter of their research, performing various roles.			<b>P8S_UK</b>	lectures	discussion report with attached summary of the speech
<b>P8S_UK6</b>	Is able to actively participate in the international scientific and professional community, sharing the results of their research work, also in a foreign language, at level B2 of the Common European Framework of Reference for Languages.			<b>P8S_UK</b>	lectures	discussion report with attached summary of the speech
<b>Social competence (no.)</b>	is ready to					
<b>P8S_KR1</b>	Is ready to maintain and develop the ethos of research communities, including conducting scientific activity in an impartial manner, as well as to respect the principle of public ownership of scientific results, taking into account the principles of intellectual property protection.			<b>P8S_KR</b>	lectures	discussion report with attached summary of the speech
Semester (no.)	Lectures	Seminars	Conversatory / Lab classes	Internships	others	ECTS
<b>IV</b>	<b>15</b>	-	-	-	-	<b>1</b>
<b>VI</b>	<b>15</b>	-	-	-	-	<b>1</b>
total:	<b>30</b>					<b>2</b>
<b>METHODS OF INSTRUCTION</b>						
<ul style="list-style-type: none"> <li>- LECTURE WITH MULTIMEDIA PRESENTATION,</li> <li>- DISCUSSION,</li> <li>- PRESENTATION OF THE ENTIRE SPEECH</li> </ul>						
<b>COURSE CONTENT</b>						
<p><b>Semester IV</b>  <b>Lecture:</b> Regular and one-off national and international scientific events related to the discipline of biotechnology, with a particular focus on the topic of the doctoral thesis being prepared. Discussion on the possibility of participating in national and international scientific events.  <b>Topic:</b> Discussion on national scientific events.  <b>Topic:</b> International scientific conferences, symposia and scientific congresses related to the discipline of biotechnology.  <b>Topic:</b> Discussion on regular scientific events taking place abroad.</p> <p><b>Semester VI</b>  <b>Lecture:</b> Planning and discussion of active participation in national and international scientific events related to the discipline of biotechnology  <b>Topic:</b> Selection of a topic and publication plan for an international conference, symposium or scientific congress.  <b>Topic:</b> Discussion of the prepared speech and presentation of research results.  <b>Topic:</b> Discussion on the speech and prepared multimedia presentation.</p>						

### COURSE ASSESSMENT CRITERIA

Active participation of the doctoral student in at least two scientific and professional events, one national event and one international event. Active and substantive participation in events and discussions. Research activity.

Possible semester grades are: pass - pass, fail - fail.

### 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	2 x 15 hrs. -30 hrs.
Other contact hours involving the teacher (consultation hours, examinations)	2 x 2 – 4 hrs.
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	2 x 13 hrs. – 26 hrs.
<b>Total number of hours</b>	<b>30 hrs. x 2 – 60 hrs.</b>
<b>Total number of ECTS credits*</b>	<b>1 x 2 -2 ECTS</b>

### INSTRUCTIONAL MATERIALS

Compulsory literature:	N. Józefacka, A. Arciszewska-Leszczuk. Methodology and Statistics – A Scientific Guide. PWN. 2023, Przemysław Kutnaj, The Art of Self-Presentation and Public Speaking, Dom Wydawniczy PWN, Warsaw, 2020, P. Siuda, P. Wasylczyk. Scientific Publications. PWN. 2018 Own materials
Complementary literature:	G. Czapnik, M. Antczyk Organisation of scientific conferences. University of Łódź Press. 2022

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

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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