COURSE OFFERED IN THE DOCTORAL SCHOOL

Code of the course	4606-EW-0000000-0284	Name of the course	Polish	Pisanie wniosków projektowych i realizacja projektów badawczych
			English	Writing projects applications and conducting scientific projects

Type of the course	Workshop		
Course coordinator	Radosław Zając	Course teacher	Radosław Zając
Implementing unit		Scientific discipline / disciplines*	
Level of education	Doctoral studies	Semester	spring
Language of the course	English		

Type of assessment	Project	Number of hours in a semester	20	ECTS credits	2
Minimum number of participants	10	Maximum number of participants	20	Available for students (BSc, MSc)	~~Yes~~/No

Type of classes		Lecture	Auditory classes	Project classes	Laboratory	Seminar
Number of hours	in a week				2	
	in a semester				20	

* does not apply to the Researcher's Workshop

1. Prerequisites
Basic knowledge about project management

2. Course objectives
Preparing participants to: - develop project proposals - implement research projects - report and account for research projects • Raising awareness about the specifics of research projects • Developing a sample project proposal

3. Course content (separate for each type of classes)
Lecture
Laboratory
4. Typology of research projects and sources of funding 5. Project management methodologies and research projects 6. Selection of exemplary competitions 7. Tools supporting the preparation and implementation of research projects 8. Value management in research projects 9. Risk management in research projects 10. Planning of a research project 11. Preparation of project proposals - graded group or individual work

12. Learning outcomes

Type of learning outcomes	Learning outcomes description	Reference to the learning outcomes of the WUT DS	Learning outcomes verification methods*
Knowledge			
K01	Knows and understands the principles and strategies of developing project proposals, which indirectly contributes to the dissemination of scientific work results.	SD_W5	Discussion, workshops
K02	Knows and understands the principles of planning and describing research projects within typical funding applications, considering the creation of value for stakeholders	SD_W4	Discussion, workshops, project proposal
Skills			
S01	Is capable of preparing a project plan	SD_U7	Project proposal
S02	Is ready to engage in dialogue with the evaluating committee and other stakeholders through creative thinking and action. Is aware of how to communicate the essence of the project and its key products responsibly and effectively	SD_U8	Project proposal
Social competences			
SC01	Is able to present the project in a professional, interesting, and clear manner	SD_K4	Discussion, workshops, project proposal

*Allowed learning outcomes verification methods: exam; oral exam; written test; oral test; project evaluation; report evaluation; presentation evaluation; active participation during classes; homework; tests

13. Assessment criteria

Project proposal

14. Literature

To be completed after first cycle

15. PhD student's workload necessary to achieve the learning outcomes**

No.	Description	Number of hours
1	Hours of scheduled instruction given by the academic teacher in the classroom	20h
2	Hours of consultations with the academic teacher, exams, tests, etc.	10h
3	Amount of time devoted to the preparation for classes, preparation of presentations, reports, projects, homework	20h
4	Amount of time devoted to the preparation for exams, test, assessments	10h
	Total number of hours	**60h**
	ECTS credits	**2**

** 1 ECTS = 25-30 hours of the PhD students work (2 ECTS = 60 hours; 4 ECTS = 110 hours, etc.)

16. Additional information	
Number of ECTS credits for classes requiring direct participation of academic teachers	30h
Number of ECTS credits earned by a student in a practical course	2