



JAGIELLONIAN
UNIVERSITY
IN KRAKÓW

Introduction to Research Design

Educational subject description sheet

Basic information

Field of study Joint Bachelor in Sustainability		Education cycle 2025/26	
Speciality -		Subject code UJ.WPAJBSS.810.16344.25	
Organizational unit Faculty of Law and Administration		Lecture languages english	
Study level first cycle (joint degree programme)		Subject related to scientific research Yes	
Study form full-time degree programme		Disciplines Sociology of science	
Education profile General academic		ISCED classification 0310 Social and behavioural sciences not further defined	
Mandatory obligatory		USOS code	
Subject coordinator	Jolanta Perek-Białas		
Lecturer	Jolanta Perek-Białas		
Period Semester 1	Examination graded credit	Number of ECTS points 2.0	
	Activities and hours Lecture with elements of a discussion class: 15		

Goals

C1	The aim of the course is to familiarise students with basic research methods, such as qualitative and quantitative methods, and mixed methods and equip them with the skills and knowledge to utilise these methods successfully in the research they will plan and conduct in subsequent courses that make up the degree.
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Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	the basics of research methods, such as qualitative and quantitative, and their roles	JBS_K1_W03, JBS_K1_W07	written credit
W2	the usage of secondary data for various research	JBS_K1_W07	written credit
Skills - Student can:			
U1	use secondary data for various research	JBS_K1_U01, JBS_K1_U02, JBS_K1_U03	written credit
U2	use qualitative and quantitative methods in research on specific topic	JBS_K1_U01, JBS_K1_U02, JBS_K1_U03	written credit
Social competences - Student is ready for:			
K1	to apply gained knowledge and skills in practice while planning for and conducting research	JBS_K1_K05	written credit

Calculation of ECTS points

Activity form	Activity hours*
Lecture with elements of a discussion class	15
preparation for classes	30
preparation for final test	15
Student workload	Hours 60
	ECTS 2.0

* hour means 45 minutes

Study content

No.	Course content	Subject's learning outcomes
1.	The foundations of research methods - role, aim, application, examples	W1
2.	Secondary data - how we can use them in research design	W2, U1
3.	Qualitative methods in our research	W1, U2
4.	Quantitative methods in our research	W1, U2
5.	Practical aspects of planning and doing the research	K1

Course advanced

Teaching methods :

project method, conversation lecture, discussion, case study

Activities	Examination methods	Credit conditions
Lecture with elements of a discussion class	written credit	active participation (non-graded), written exam with case study exercises (graded)

Entry requirements

None

Literature

Obligatory

1. Introduction to Research Methods A Hands-on Approach, Second Edition, Bora Pajo, SAGE, 2022 Research Design Qualitative, Quantitative, and Mixed Methods Approaches, Sixth Edition, John W. Creswell, J. David Creswell, SAGE, 2022 Introduction to Interdisciplinary Studies Third Edition, Allen F. Repko, Rick Szostak, Michelle Phillips Buchberger, SAGE, 2019

Effects

Code	Content
JBS_K1_K05	The graduate can defend the importance of scientific data and methods as a basis for decision-making.
JBS_K1_U01	The graduate can critically analyse academic literature, formulate research questions and conduct research under supervision.
JBS_K1_U02	The graduate can present and report knowledge, methodologies, ideas, problems and solutions, clearly and comprehensively, in different forms destined for different audiences - including discussions and debates which require defending a substantiated opinion, as well as conversations in a foreign language at the CEFR B2 level.
JBS_K1_U03	The graduate can apply adequate methods and tools, including selected IT tools, to solve problems related to data collection, analysis, and management in the context of sustainability.
JBS_K1_W03	The graduate can give examples of sustainability-related dilemmas and hypothesize on the optimal course of action.
JBS_K1_W07	The graduate can apply the theory and methodology of disciplines included in the selected specialisation track to sustainability-related problems, taking into consideration practical limitations such as protection of intellectual property.