

COURSE OFFERED

Name of the course	Polish	Paleogeografia holocenu i geoarcheologia
	English	Holocene paleogeography and geoarchaeology

1. LOCATION OF THE COURSE OF STUDY WITHIN THE EDUCATION SYSTEM

1.1. Section¹	Exact and natural sciences
1.2. Discipline²	Earth And Environmental Sciences
1.3. Type of education	stationary
1.4. Level of education	Doctoral School
1.5. Person preparing the course description	Prof. UJK dr hab. Tomasz Kalicki
1.6. Contact	tomasz.kalicki@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Type of course³	Specialized subject in the discipline
2.2. Language of the course	English

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Type of classes⁴	Lecture
3.2. The number of hours⁵	15
3.3. Location of classes	UJK teaching room
3.4. Type of assessment	assessment with grade
3.5. Didactic methods	Lecture
3.6. Literature	basic • Roberts N., 2014, The Holocene. An Environmental History, WILEY Blackwell • O'Connor T., Evans J. G., 2005, Environmental Archaeology. Principles and Methods, Sutton Publishing • Brooke, J. 2014, Climate Change and the Course of Global History: A Rough Journey, New York.
	supplementary • Global catastrophic risks, 2008, Oxford Univ. Press • Mannion A.M., 2001. Zmiany środowiska Ziemi. Historia środowiska przyrodniczego i kulturowego. PWN, Warszawa. • Dobrzańska H., Kalicki T. 2015. Morphology and land use of floodplains in the western part of Sandomierz Basin (southern Poland, Central Europe) in the Roman period, „Quaternary International”, 370, s. 100–112,

¹ Section of Humanities; Social Sciences, Section of Exact and Natural Sciences, Section of Medical and Health Sciences, Section of Arts.

² History, Linguistics, Literary Studies, Medical Sciences, Health Sciences, Political and Administrative Sciences, Legal Sciences, Security Sciences, Pedagogy, Communication and Media Studies, Management and Quality Studies, Biological Sciences, Chemical Sciences, Physical Sciences, Earth and related Environmental Sciences, Visual Arts and Artwork Conservation, Musical Arts.

³ General courses, domain specific subjects in the section, disciplinary subjects in the sections, specialized subjects in the discipline.

⁴ Classes, lecture, seminar.

⁵ Consistent with the education program at the Doctoral School
Jan Kochanowski University in Kielce.

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDEND LEARNING OUTCOMES

4.1. Course objectives (including the form of classes)

C1 Familiarization with the issues of paleogeography and geoarchaeology in general and Central Europe

C2 Presentation of the latest state of research and research directions in paleogeography and geoarchaeology in Poland and around the world, with particular emphasis on Central Europe

C3 Acquisition by the student of the ability to understand conceptual categories and cause-effect relationships leading to environmental changes and human-environment interactions

4.2. Syllabus content

Selected problems of paleogeography. Variability of the components of the environment of Central Europe during the Late Glacial and Holocene periods. Methods of paleogeographic reconstruction. Similarities and differences in chronostratigraphy, methods and interpretations used in natural sciences and humanities. The Świętokrzyskie Mountains region in Roman times - human activity and environment. Geoarchaeology - basic concepts, scope and research objectives. Sediments, soils and environmental interpretations. Paleoclimate. Environmental context and shaping of archaeological sites in various environmental conditions. Geoarchaeological research methods and spatial analyses. Comparison of geological, pedological, biostratigraphic and archaeological stratigraphy and absolute dating methods. Paleoenvironmental reconstructions on selected examples from the Paleolithic, Neolithic, Bronze Age and Iron Age

5. SUBJECT LEARNING OUTCOMES

Learning outcomes	A doctoral student who has passed the subject:	Reference to the learning outcomes of Doctoral School (according to the training program at the Doctoral School)
		in the area of KNOWLEDGE:
W01	The doctoral student understands the main developmental trends in scientific disciplines—particularly in holocene paleogeography and geoarchaeology	SD_W02
in the area of SKILLS:		
U01	The doctoral student is able to evaluate the practical aspect of scientific research results in the field of holocene paleogeography and geoarchaeology	SD_U04
U02	The doctoral student can effectively use a foreign language in research or project activities.	SD_U07
in the area of SOCIAL COMPETENCE:		
K01	Is ready to recognize the importance of knowledge in solving cognitive and practical problems.	SD_K02

6. METHODS OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

[illegible]

	of classes			of classes			of classes			of classes			of classes			of classes			of classes		
	L	C	S	L	C	S	L	C	S	L	C	S	L	C	S	L	C	S	L	C	S
W01				X																	
U01				X																	
U02				X																	
K01																			X		

7. CRITERIA OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

Form of classes	Grade	Criterion of assessment
Lecture (L) ⁶	3,0	Achieving 51% of points on final tests.
	3,5	Achieving 60% of points on final tests.
	4,0	Achieving 70% of points on final tests.
	4,5	Achieving 80% of points on final tests.
	5,0	Achieving 90% of points on final tests.

Accepted for execution

.....

⁶ Niepotrzebne usunąć.