Attachment No. 5 to Rector's ordinance No. 22/2020

DESCRIPTION OF THE COURSE OF STUDY

Course code	**0532.6.GEO1.D.PG**	
Name of the course in	Polish	***Podstawy geoarcheologii***
	English	***The basis of geoarchaeology***

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

1.1. Field of study	Geography
1.2. Mode of study	Stationary / extramural
1.3. Level of study	First Bachelor's Degree
1.4. Profile of study*	General academic
1.5. Person/s preparing the course description	Prof. UJK dr. hab. Tomasz Kalicki
1.6. Contact	512816297; tomasz.kalicki@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	**English**
2.2. Prerequisites*	

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes		e.g., lectures, classes, (including e-learning)
3.2. Place of classes		Classes in the classrooms of UJK
3.3. Form of assessment		Exam, pass with a grade
3.4. Teaching methods		Teaching methods (informative lecture), problem methods (problem lecture), Verbal methods (presentations), perceptual methods (observation, diagram, drawing diagram, use of technical teaching aids)
3.5. Bibliography	**Required reading**	Domańska L., Kittel P., Forysiak J., 2009, *Środowiskowe uwarunkowania lokalizacji osadnictwa*, Bogucki Wydawnictwo Naukowe, Poznań Makohonienko M., Makowiecki D., Kurnatowska Z., 2007, *Studia interdyscyplinarne nad środowiskiem i kulturą w Polsce*, Bogucki Wydawnictwo Naukowe, Poznań O'Connor T., Evans J. G., 2005, *Environmental Archaeology. Principles and Methods*, Sutton Publishing
	Further reading	Lindner L., red., 1992, *Czwartorzęd: osady, metody badań, stratygrafia*, Wyd. PAE, Warszawa. Dobrzańska H., Kalicki T., 2003, *Człowiek i środowisko w dolinie Wisły koło Krakowa w okresie od I do VII w. n.e.,* Archeologia Polski 48, 1-2, 25-53. Orzechowski S., 2007, *Zaplecze osadnicze i podstawy surowcowe starożytnego hutnictwa świętokrzyskiego*,KTN, Kielce.

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives ***(including form of classes)***

Lectures/Seminar / laboratory / exercises:

C1- Acquainting with the issues of palaeogeography and general geoarchaeology and Central Europe

C2- Presentation of the latest state of research and research directions in palaeogeography and Polish and world geoarcheology, with particular emphasis on Central Europe

C3- Acquiring by the student the ability to understand conceptual categories and cause-effect relationships leading to environmental changes and human-environment interaction

4.2. Detailed syllabus ***(including form of classes)***

Lectures / Seminar

Geoarchaeology, bioarchaeology, environmental archeology - goals, methods, interpretations.

Paleogeography - goals, methods, interpretations.

Chronostratigraphy of natural sciences and archaeological divisions of history.

Differences and similarities in the terminology of natural sciences and humanities.

Interdisciplinary field and laboratory research and interpretation of results.

Geosystems of various rank and historical and cultural analysis as the basis for cooperation between a geographer and an archaeologist.

Human-environment interaction in various time horizons of changes, causes and effects - a case study.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of KNOWLEDGE**:**		
W01	Geoarchaeology, bioarchaeology, environmental archeology - goals, methods, interpretations. Paleogeography - goals, methods, interpretations.	GEO1A_W01 GEO1A_W02
W02	Chronostratigraphy of natural sciences and archaeological divisions of history. Differences and similarities in the terminology of natural sciences and humanities. Interdisciplinary field and laboratory research and interpretation of results.	GEO1A_W03 GEO1A_W04
W03	Geosystems of various rank and historical and cultural analysis as the basis for cooperation between a geographer and an archaeologist. Human-environment interaction in various time horizons of changes, causes and effects - a case study.	GEO1A_W05 GEO1A_W06
within the scope of ABILITIES**:**		
U01	The student can properly interpret issues related to geoarchaeology.	GEO1A_U01 GEO1A_U02
U02	Acquires knowledge to understand and undertake interdisciplinary cooperation between a geographer and an archaeologist.	GEO1A_U03 GEO1A_U04
within the scope of SOCIAL COMPETENCE:		
K01	He understands the importance of geoarchaeology as a field of study that enables the correct interdisciplinary cooperation of a geographer with an archaeologist and the correct completion of knowledge in the field of the environment and palaeoenvironment in the field of archaeological works.	GEO1A_K02 GEO1A_K03

4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes *(code)*	**Method of assessment (+/-)**																				
	Exam oral/written*			**Test***			**Project***			**Effort in class***			**Self-study***			**Group work***			**Others* e.g. standardized test used in e-learning**		
	Form of classes			***Form of classes***			***Form of classes***			***Form of classes***			***Form of classes***			***Form of classes***			***Form of classes***		
	L	*C*	*...*	*L*	*C*	*...*	*L*	*C*	*...*	*L*	*C*	*...*	*L*	*C*	*...*	*L*	*C*	*...*	*L*	*C*	*...*
W01	***x***				***x***			***x***			***x***			***x***			***x***				
W02	***x***				***x***			***x***			***x***			***x***			***x***				
W03	***x***				***x***			***x***			***x***			***x***			***x***				
U01	***x***				***x***			***x***			***x***			***x***			***x***				
U02	***x***				***x***			***x***			***x***			***x***			***x***				
K01	***x***				***x***			***x***			***x***			***x***			***x***				

****delete as appropriate***

4.5. Criteria of assessment of the intended learning outcomes

Form of classes	Grade	Criterion of assessment
lecture (L) (including e-learning)	**3**	Getting 51% of the points in the exam
	3,5	Getting 60% of the points in the exam
	4	Getting 70% of the points in the exam
	4,5	Getting 80% of the points in the exam
	5	Getting 90% of the points in the exam
classes (C)* (including e-learning)	**3**	Getting 51% of the points on the final tests. Passing all design work.
	3,5	Getting 60% of the points on the final tests. Passing all design work.
	4	Getting 70% of the points on the final tests. Passing all design work.
	4,5	Getting 80% of the points on the final tests. Passing all design work.
	5	Getting 90% of the points on the final tests. Passing all design work.

others (...)* (including e-learning)	**3**	
	3,5	
	4	
	4,5	
	5	

5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	**Extramural studies**
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	***30***	***14***
*Participation in lectures**	15	7
*Participation in classes, seminars, laboratories**	15	7
*Preparation in the exam/ final test**		
*Others (please specify e.g. e-learning)**		
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/		
*Preparation for the lecture**		
*Preparation for the classes, seminars, laboratories**		
*Preparation for the exam/test**		
*Gathering materials for the project/Internet query**		
Preparation of multimedia presentation		
*Others **		
TOTAL NUMBER OF HOURS	***50***	***50***
ECTS credits for the course of study	**2**	**2**

***delete as appropriate**

Accepted for execution *(date and legible signatures of the teachers running the course in the given academic year)*

.....