

COURSE OFFERED

Name of the course	Polish	Geografia fizyczna stosowana
	English	Applied Physical Geography

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

1.1. Section ¹	Exact and Natural Sciences
1.2. Discipline²	Earth and related Environmental Sciences
1.3. Type of education	Stationary
1.4. Level of education	Doctoral School
1.5. Person preparing the course description	dr hab. Maria Górska-Zabielska, prof. UJK
1.6. Contact	maria.gorska-zabielska@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Type of course ³	Specialized subjects in the discipline
2.2. Language of the course	English

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Type of classes⁴	Lecture , Classes
3.2. The number of hours⁵	15h (Lecture) and 15h (Classes)
3.3. Location of classes	classes in the teaching room at the Jan Kochanowski University, stony garden on the Faculty yard
3.4. Type of assessment	exam (Lecture) and Pass with grade (Classes)
3.5. Didactic methods	lecture (presentation), do-it-yourself task sheets, students' presentation on a chosen topic
3.6. Literature	basic Bailly A., Gibson L.J. (eds.), 2004: Applied Geography. A World Perspective, Springer-Science+Business Media, B.V., Dordrecht Pacione M., 1999: Applied geography: in pursuit of useful knowledge. Applied Geography 19: 1–12.
	supplementary Das R., 2016: "From applying effort to applied discipline"- geography as the dynamic field with today's contextualizing issues of society and nature. Int. J. Adv. Res. 4(8), 81-100. http://www.journalijar.com/uploads/509_IJAR-11367.pdf Pacione M., 2011: Applied Geography: Principles and Praxis. HRVATSKI GEOGRAFSKI GLASNIK, 73/1, 7 – 28 Thornbush M.J., 2012: Archaeogeomorphology as an application in physical geography. Applied Geography 34: 325-330

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 [CO] (including the form of classes)

Lecture:

CO 1. Learning about the most rational use of all geographical resources in order to meet the needs of society.

CO 2. Developing proposals for appropriate organisational forms that would allow society to control its geographical space.

CO 3. Defining the characteristics of APhG.

Classes:

CO 4. Recognising APhG as a special branch of geography, separate from other branches. Learning about a different approach expressed in the scope of research, its objectives, results containing an assessment of facts, as well as the special methods used

CO 5. Understanding and assessing the effects of threats resulting from the impact of natural processes.

4.2. Syllabus content

Lectures:

Defining Characteristics of APhG, Historical Background of Applied Geography, Cycles of pure and applied geography (2 hours)

The practical purpose of the research, Elements of evaluation, Quantitative methods, Future and the possibilities of further development, The Value of Applied Geography (2 hours)

Careers in Applied Geographic Technology (1 hour)

General Problem related to APhG, Prospects of Applied Geography, Selected examples from the Świętokrzyskie region on applied physical geography (2 hours)

The role of geography in the quality of life research, Geotourism as a generator, a flywheel for sustainable development (2 hours)

Advances in geospatial technologies, Growing Demand for Applied Geography, Place-Based Public Policies and New Areas of Applications, Learn to Think Spatially and Practice Applied Geography with Heightened Ethical Sensitivity (1 hour)

Classes:

No. 1 Hits of heavenly bodies, global and regional disasters (2 hours)

No. 2 Atmosphere - the protective cover of the Earth (2 hours)

No. 3 Ozone in the atmosphere (2 hours)

No. 4 Deforestation (2 hours)

No. 5 Desertification and soil erosion (2 hours)

No. 6 Food of the population on the globe - natural aspects (2 hours)

No. 7-8 Sustainable tourism: Suggest a nature trail in your PhD area that will take into account the principles of sustainable tourism (4 hours)

No. 9-10 Find an on-line paper on <https://www.sciencedirect.com/journal/applied-geography/issues>, read it and give a short report in *.ppt (4 hours)

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	Demonstrates knowledge and understanding at a level enabling the critical revision of existing paradigms of the global body of scholarship in applied physical geography	SD_W01
W02	The doctoral student understands the main developmental trends in research methodologies, including statistical analysis of results	SD_W02
in the area of SKILLS:		
U01	The doctoral student is able to define the aim and subject of scientific research, formulate research hypotheses in applied physical geography	SD_U01
U02	The doctoral student is capable of utilizing knowledge from various disciplines to identify, formulate, and creatively solve complex problems in applied physical geography	SD_U03
U03	The doctoral student can disseminate research results or project outcomes through oral presentations and written works in foreign language.	SD_U07
in the area of SOCIAL COMPETENCE:		
K01	The doctoral student is ready to think and act in an entrepreneurial manner in the context of activities related to applied physical geography	SD_K04

6. METHODS OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

SUBJECT LEARNING OUTCOMES	METHOD OF ASSESSMENT (+/-)											
	written exam			test			do-it-yourself task sheets			activity in class		
	own presentation			Group work			Others					
	<i>The type of classes</i>			<i>The type of classes</i>			<i>The type of classes</i>			<i>The type of classes</i>		
	L	E	S	L	E	S	L	E	S	L	E	S
W01	X											
W02	X						X			X		
U01							X			X		
U02							X			X		
U03	X								X			
K01									X			

7. CRITERIA OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

Form of classes	Grade	Criterion of assessment
Lecture (L)	3,0	51-60% correct answers to exam questions
	3,5	61-70% correct answers to exam questions
	4,0	71-80% correct answers to exam questions
	4,5	81-90% correct answers to exam questions
	5,0	91-100% correct answers to exam questions

Exercises (E)	3,0	51-60% of the number of points obtained from the presentation and do-it-yourself task sheets
	3,5	61-70% of the number of points obtained from the presentation and do-it-yourself task sheets
	4,0	71-80% of the number of points obtained from the presentation and do-it-yourself task sheets
	4,5	81-90% of the number of points obtained from the presentation and do-it-yourself task sheets
	5,0	91-100% of the number of points obtained from the presentation and do-it-yourself task sheets

Accepted for execution

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