Szkoła Doktorska Politechniki Białostockiej

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15-351 Białystok, ul. Wiejska 45a tel. +48 85 746 92 14

COURSE DESCRIPTION CARD

Course name	Fundamentals of methodology of teaching at the university level					
Course type	obligatory	Course code			ECTS credit	ts 1
Forms and number of hours	lecture: 2h classes: 8h	Scientific discipline	all		Semester	1
Course objectives	Lecture: providing information on the methodology, relevant to the effective functioning of the teacher in the teaching process. Exercises: Acquisition of skills of analysis of the didactic process in higher education, i.e. determination of conditions for effective teaching, description of effective teaching, methods and ways to prepare for all forms of didactic activities, analysis of content from the point of view of learning outcomes. To improve social competences in the area of teacher-student interaction, helpful in the role of a teacher and contributing to student development.					
Course content	 The importance of methodology in effective teaching in higher education and adult self-education; Methodology of teaching in social sciences; Forms of classes (e.g. lecture, classes) - preparation (structure of the material and selection of content); Teaching process (methods of didactic interactions); Teaching as a creative process: methods supporting problem solving, teaching and contributing to the creation and expansion of conceptual representations; Learning outcomes - selection of outcomes and their verification; Diagnosis, control and evaluation of educational results; Formation of doctoral student's skills for critical self-assessment and moral reflection; Improvement in the dimension of broadly understood teacher-student interactions; 					
Teaching methods	Lecture and discussion with the audience, classes					
Assessment method	Lecture + Classes: test					
Symbol of learning outcome	Learning outcomes		learning for the study fo level c Qualit	tice to the outcomes e field of or the 8 th of Polish fication rork (PRK)	Methods of assessing the learning outcomes	
LO1		student: has knowledge of the methodology lult education and knows how to use it in the ctic process		SD_W2, S	5D_U10	Test
LO2	knows the terms: teaching goal and teaching contents; is able to prepare and give various forms of classes (e.g. lectures, classes) taking into account the goal and content of teaching			SD_W2, S	5D_U10	Test, Evaluation of the tasks performed during classes

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LO3	knows the concept of learning outcomes; is able to verbalize outcomes and analyse learning content from the perspective of outcomes	SD_W2, SD_U10	Test, Evaluation of the tasks performed during classes
LO4	knows techniques supporting teaching (stimulating creative thinking); is able to use them in the didactic process	SD_W2, SD_U10	Test, Evaluation of the tasks performed during classes
LO5	knows the principles of diagnosis, control and evaluation of educational results; is able to apply them taking into account ethical criteria and standards of teacher-student interaction	SD_W6, SD_U2, SD_K1	Test, Evaluation of the tasks performed during classes

Student workload (in hours)		
Lecture / classes	2 / 8	
Consultations	1	
The unassisted student work	9	
Implementation of project tasks and preparation for and participation in exams/tests	5	
Total	25	
ECTS credits	1	

	1. N.S. Bidabadi, A.N. Isfahani, A. Rouhollahi, R. Khalili, Effective Teaching Methods in		
	Higher Education: Requirements and Barriers, "J Adv Med Educ Prof." 2016, 4(4),		
	s.170–178; https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5065908/		
	2. SH. Shim, A philosophical investigation of the role of teacher: A synthesis of Plato, Confucius, blubber and Freire, "Teaching and Teacher Education" 2008, 24(3), s. 515-		
	35		
Basic	3. A. Anderson, The European project semester: A useful teaching method in engineering		
references	education project approaches to learning in engineering education, "Journal of		
	Engineering Education" 2012, 8, s. 15–28		
	4. R.B. Adler, L.B. Rosenfeld, R.F. Proctor, Interplay: The Process of Interpersonal		
	Communication, Oxford University Press, 12th Edition, USA 2012		
	5. J. Grzesiak (red.), Ewaluacja i innowacje w edukacji. Ewaluacja w dialogu – dialog		
	w ewaluacji, Wydział Pedagogiczno-Artystyczny UAM, Kalisz, PWSZ, Konin 2010		

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	1. D.P. Goleman, Emotional intelligence, BANTAM TRADE, 2005		
Supplementary	2. M. Atkinson, R.T., Chois, Inner Dynamics of Coaching, Paperback, 2012		
references	3. K. Kruszewski (red.), Sztuka nauczania: podręcznik dla studentów kierunków		
	nauczycielskich, PWN, Warszawa 2007		
Author of the	Joanna Szydło, PhD		
programme			
Date of issuing the programme	26.02.2021		

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