

Course title:	Creation of architectural form		
Course title in Polish:	Budowa formy architektonicznej		
Course for discipline:	civil engineering, geodesy and transport		

Semester:	3	Status of course:	faculty	Language:	polish
Academic year:		Catalog number:			

Coordinator of course:	dr hab. Jeremi Królikowski, prof. SGGW				
Lecturer od course:	dr hab. Jeremi Królikowski, prof. SGGW				
Executing unit:	Civil Engeneering Institute				
Ordering unit:	Doctoral School SGGW				
Assumptions, goals and description of the course:	The main aim of the classes is to present the genesis and process of creating form in architecture. During classes, students will make simple models, thanks to which they will learn the importance and importance of proportions in shaping building structures.				
Didactic form, number of hours:	10, lecture				
Teaching methods:	presentation, research walk, field lecture				
Limit of people in the group:	10				
Learning outcomes					
KNOWLEDGE - the graduate knows and understands:	SKILLS - the graduate is able to:	COMPETENCES - the graduate is ready to:			
To the extent enabling to revise the existing pradigms in the field/discipline - the world achievements, gathering theoretical background as well as general and selected detailed issues	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	Critically evaluate the achievements in the field/discipline represented			
Major general development trends in the field/discipline		Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect			
		Support the ethos of scientific circles and conduct independent research			
The method of verification of learning outcomes:	presentation				
Form of documentation of achieved learning outcomes:	files				
Elements and weights of the final grade:	80% presentation, 20% activity during classes				
Place of the course:	lecture hall and grounds				
Basic and supplementary literature					
1. van Hensbergen G.,(2003) Gaudi, Zysk i S-ka Wydawnictwo, Poznań					
2. Kelm T., (2002), Architektura sakralna Sahary, Arkady, Warszawa,					
3. Norberg-Schulz Ch., (1996), Nightlands. Nordic Building, The MIT Press Cambridge, Massachusetts, London England					
4. Żórawski J. (2012) Siatka prostych, Wydawnictwo Politechniki Krakowskiej, Kraków					
Comments:					

Estimated number of hours of work of the doctoral student necessary to achieve the assumed learning outcomes:	10
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Leraning outcomes reference to the second degree characteristics of the National Qualification Framework (level 8) covering doctoral competences:		
Symbol:	Learning outcomes:	8 level NQF
SD1_KW01	To the extent enabling to revise the existing pradigms in the field/discipline - the world achievements, gathering theoretical background as well as general and selected detailed issues	P8S_WG
SD1_KW02	Major general development trends in the field/discipline	P8S_WG
SD1_KU05	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	P8S_UW
SD1_KK01	Critically evaluate the achievements in the field/discipline represented	P8S_KK
SD1_KK03	Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect	P8S_KK
SD1_KK08	Support the ethos of scientific circles and conduct independent research	P8S_KR