

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 of course:	dr hab. Jeremi Królikowski, prof. SGGW
Executing unit:	Civil Engineering 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 pradisgms 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. Żorawski 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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Learning 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 paradigms 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