

Faculty of Architecture						
Study programme:	Architecture		Degree level:	full-	Bachelor's degree/Master's degree	
Specialization			Diploma path:			
Module name:	ARCHITECTURAL DESIGN - OFFICE BUILDING IN BIAŁYSTOK					
Module type:	elective	Semester:	W	ECTS	12	Module ID: FA-00059
No. of hrs in semester:	L - C -		LC-	P- x	SW-	S-
Prerequisites:	<i>Complete with prerequisites or "-"</i>		Intermediate level knowledge of the public utility building design, theory of architecture, computer aided design, elements of design, civil engineering.			
Aims and objectives:	<i>Description of the assumed knowledge, skills and social competence the student should have acquired after the completion of the module:</i>		<p>Course objectives: The course objective is to teach the principles of ergonomics and the art of architecture, the practical application of the building crafts and methodology of architectural design, whilst deriving aesthetic value of architectural forms from their spatial and cultural contexts.</p> <p>Skills to be acquired: Advanced study and design skills related to the recognition, assessment, understanding and describing architectural space in its spatial and cultural (semantical) context that create the identity of a place and its inhabitants/users. Abilities and skills for producing final architectural drawings which show the essence of aesthetical idea.</p>			
Forms of teaching activities:	<i>project</i>		<i>Assessment:</i>	<i>Evaluation must be relevant to the intended learning outcomes</i>		
			<ol style="list-style-type: none"> 1. Workshops during study tour to the location of the project. 2. Multimedia presentation on already built-up objects with reference to the course project. 3. Two task designs. 4. Project – project completion, presentation and discussion 			
Module content:	This course acquaints students with basic commercial building concepts (f.ex. office buildings) relating to small and medium size structures. The main task is to design a medium scale office building in a highly urbanized context (centre of the city) with strong, cultural and historical values. It introduces methods of building with several combinations of materials.					
Teaching methods:	<ol style="list-style-type: none"> 1. Study tour to the location of the project. 2. Lecture and presentation on issues related to the course project. 3. Critical group discussion on already built-up objects with reference to creative inspirations. 4. Individual discussion on issues related to the course project. 5. Final presentation on the course project with a group debate. 					
Learning outcome	<i>Specify min. 4, max. 8 learning outcomes in the following order: knowledge – skills – competence. Each learning outcome must be verifiable</i>				<i>Reference to the programme learning outcomes</i>	
LO1	Understanding of local heritage and tradition in architecture and urban design as well as the climatic, technological, socioeconomic, and other cultural factors that have shaped and sustained them				FA-00045	
LO2	Understanding of the fundamentals of visual perception and the principles and systems of order that inform two- and three-dimensional design, architectural composition, and urban design				FA-00045	

LO3	Understanding of the diverse needs, values, behavioral norms, physical ability, and social and spatial patterns that characterize different individuals and the implication of this diversity for the societal roles and responsibilities of architects	FA-00045	
LO4	Understanding of the basic principles and appropriate application and performance of building envelope materials and assemblies	FA-00045 FA-00044	
LO5	Ability to use architectural principles in the design of buildings, interior spaces, and sites	FA-00045 FA-00048	
LO6	Ability to gather, assess, record, and apply relevant information in architectural coursework	FA-00045	
LO7	Ability to produce final architectural drawings which show the essence of aesthetical idea.	FA-00051 FA-00052 FA-00053	
LO8	Ability to use appropriate representational media, including freehand drawing and computer technology, to convey essential formal elements at each stage of the design process	FA-00051 FA-00052 FA-00053 FA-00054 FA-00055	
No. of learning outcome	Methods of assessing the learning outcome	Type of teaching activities (if more than one) during which the outcome is assessed	
LO1	Evaluation of design solutions presented in task designs and final project	Project	Task design
LO2	Evaluation of design solutions presented in task designs and final project	Project	Task design
LO3	Evaluation of design solutions presented in task designs and final project	Project	Task design
LO4	Evaluation of design solutions presented in task designs and final project	Project	Task design
LO5	Evaluation of design solutions presented in task designs and final project	Project	Task design
LO6	Evaluation of multimedia presentation.	Presentation	
LO7	Evaluation of design solutions presented in task designs and final project	Project	
LO8	Evaluation of multimedia presentation as well as design solutions presented in task designs and final project	Project Presentation	Task design
Student workload (in hours)	lecture attendance		0
	participation in classes, laboratory classes, etc.		75
	preparation for classes, laboratory classes, projects, seminars, etc.		70
	working on projects, reports, etc.		75
	participation in student-teacher sessions related to the classes/seminar/project		30
	implementation of project tasks		70
	preparation for and participation in exams/tests		0
	TOTAL:		320
Quantitative indicators	Student workload – activities that require direct teacher participation:	100	ECTS 12
	Student workload – practical activities:	220	

Basic references:	<p>[1] Frampton K.: <i>The evolution of 20th century architecture : a synoptic account</i>. Springer, Wien 2007; [2] Gehl J.: <i>Life between buildings: using public space</i>, Copenhagen Arkitektens Ferlag, 1996; [3] Jodidio P.: <i>100 contemporary architects</i>. Taschen, Hong Kong 2008; [4] <i>Protection and Cultural Animation of Monuments, Sites and Historic Towns in Europe</i>, UNESCO, Munich 1980; [5] Webb M., <i>A city square: a historical evolution</i>, Whitney Library of Design, N.Y. 1990</p>	
Supplementary references:	<p>[1] Alexander Ch., <i>The Pattern Language</i>, Oxford University Press, New York 1977 [2] Ching F.D.K., <i>Architecture - Form, Space, and Order</i>, John Wiley & Sons, 2007,</p>	
Unit:	Department/Division/etc.	Unit for Architecture of Local Cultures
Date of issuing the programme:	01.10.2017	Author of the programme: Janusz Grycel, PhD Eng Arch

L - lecture C - classes
SW - specialization workshop

LC - laboratory classes
S - seminar

P-project