GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	History of World Architecture I, PG_00055589
Field of study	Architecture

Date of commencement of studies	October 2022	Academic year of realisation of subject	2022/2023
Education level	first-cycle studies	Subject group	Obligatory subject group in the field of study
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	English
Semester of study	1	ECTS credits	5.0
Learning profile	general academic profile	Assessment form	assessment

Conducting unit	Department of History of Architecture and Conservation of Monuments -> Faculty of Architecture

Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. arch. Maria Sołtysik
	Teachers	dr inż. arch. Anna Orchowska
		prof. dr hab. inż. arch. Maria Sołtysik
		dr inż. arch. Bartosz Macikowski

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	0.0	0.0	60
	E-learning hours included: 0.0						

Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
	Number of study hours	60	10.0	55.0	125

Subject objectives	Student examines the outline of the European Architecture in Antiquity and in the Middle Age in the context of styles, distinguish architectural creations and architects and their imput to the history of architecture; develops drawing and analytic skills that prepares him to the architectural profession.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_K03] is ready to take responsibility for architectural and urban values in environmental protection and cultural heritage	is ready to take responsibility for architectural values in environmental protection and cultural heritage	[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness
	[K6_W03] knows and understands history and theory of architecture as well as art, technology and humanities to the extent necessary for the proper performance of architectural designs; issues related to architecture and urban planning useful for the design of architectural objects and urban complexes in the context of social, cultural, natural, historical, economic, legal and other non-technical conditions of engineering activities, integrating knowledge acquired during studies;	Student knows and understands history and theory of architecture in Antiquity and in the Middle Ages, architectural styles, basic terminology, the most important creations and most famous architects, characteristc details, spatial and structural solutions - to the extent necessary for the proper performance of architectural and urban design in the context of historical knowledge.	[SW1] Assessment of factual knowledge

Subject contents	
	History of World Architecture *Antiquity and Middle Ages* 1. Introduction. Basic architectural terminology. Prehistory a prehistoric house 2. Genesis of the sacral building megaliths and Sumerian architecture. 3. Ancient Egypt the genesis of the monumental stone architecture. Sakkara 4. Ancient Egypt the pyramids and tombs of the Old Kingdom 5. Ancient Egypt - the scheme of the temples of the Middle and New Kingdom 6. Egea the first developed culture in Europe. Cycladic, Minoan and Helladic civilization. 7. Ancient Greece introduction. The canon of the architectural beauty. Models of the Greek temples. 8. Ancient Greece - Doric order and the façade of the doric temple. 9. Ancient Greece - Ionic and Corinthian order 10. Classical buildings in the Ancient Greece: Acropolis 11. Ancient Greece - sanctuaries (Olymphia, Delph,Epidauros), theathres, stadiums, hauses 12. Ancient Rome introduction. Triumph of the engineering and large-scale building. Materials, structures, buildings 13. Ancient Rome the city situated on the seven hills. Roman temples. 14. Ancient Rome the great imperial foundations. Vitruvius and his treat 15. Middle Ages - introduction, chronology, styles. Three great Early Christian basilicas of Rome 16. Early Christian Architecture in the Western Empire - small basilicas, round churches(4th 6th century) 17. Early Byzantine architecture (4th 6th century) 18. Late Byzantine architecture (9th 11th century) 19. Pre-romanesque architecture - the Carolingian renaissance 20. Romanesque architecture in Germany the Ottonian Eempire and its successors 21. Romanesque architecture in France. Monasteries. 22. Romanesque vaults and architectural details 23. Romanesque architecture in Italy 24. Elements of Medieval theory of architecture. Secular architecture 25. Gothic architecture in France - introduction. Pointed arch, skeleton system (half of 12th century 15th century) 26. Gothic cathedrals in France - aesthetic cannon of facade. Notre Dame in Paris, Chartres, Reim and Amiens 27. Evolution of forms in French Gothic: rayonnant and flamboyant 28. Gothic architecture in England 29. Gothic architecture in Germany, Spain and Portugal 30. Repetition and preparation for the exam
Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Exercises	100.0%	50.0%
	Midterm and final exams	51.0%	50.0%

Recommended reading	Basic literature	Wattkin D., A History of Western Architecture, 1986 Koch W., *Styles in Architecture* Broniewski T., *Historia architektury dla wszystkich*, Wrocław-Warszawa-Kraków-Gdańsk 1990. Parnicki-Pudełko S., *Architektura starożytnej Grecji*, Warszawa 1985. *Sztuka świata*, t.1 i 2, Warszawa 1989, 1990. Ulatowski K., *Architektura starożytnej Grecji*, Warszawa 1962.
	Supplementary literature	Bukowski Z., K. Dąbrowski, *Świt kultury europejskiej*, Warszawa 1972. *Gotyk. Architektura, rzeźba, malarstwo*, red. R. Toman, wyd. Könemann, [b.m.] 2007. Koch W., *Style w architekturze*, Warszawa 1996. Michałowski K., *Nie tylko piramidy*, Warszawa 1974. Sadurska A., *W cieniu Panteonu*, Warszawa 1965. *Sztuka romańska. Architektura, rzeźba, malarstwo*, red. R. Toman, wyd. Könemann, [b.m.] 2008. Tobolczyk M., *Narodziny architektury*, Warszawa 2000.
	eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	Exercises: History of World Architecture (drawings): 1. The facade of the doric hexastyle temple 2. The Gothic cathedral (axonometry) Midterm and final exams: 1. The architecture of the Egyptian temple of the New Kingdom - plan, section drawing of the hypostyle hall, facade, capitals 2. Doric order - the facade of the hexastyle temple (with terminology of the architectural structures) and architectural detail 3. Roman public edifices: basilicas, theaters, amphitheaters, Triumphal arches 4. Hagia Sophia in Constantinople. Time of construction, plan and evolution of the Medieval domes 5. Romanesque architecture in France - chronology and main examples.
Work placement	Not applicable

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