



COURSE DESCRIPTION CARD - SYLLABUS

Course name

History of architecture and technical monuments [S1Bud1>HAIzT]

Course

Field of study

Civil Engineering

Year/Semester

1/1

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

elective

Number of hours

Lecture

30

Laboratory classes

0

Other

0

Tutorials

0

Projects/seminars

0

Number of credit points

3,00

Coordinators

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Lecturers

Prerequisites

basic knowledge of history, basic knowledge necessary to understand social, economic, legal and non-technical conditions of historical processes

Course objective

Learning by the student: - history of architecture (trends in styles, reference to construction issues), etc., - issues related to monuments, - issues related to fortifications.

Course-related learning outcomes

Knowledge:

have the basics of general knowledge in mathematics, physics, chemistry, biology and other fields of science, forming theoretical principles appropriate to formulate and solve tasks related to building engineering.

Skills:

are able to gather information from literature, databases and other properly selected information sources; can synthesize the obtained information, interpret and evaluate it, as well as draw conclusions,

formulate, discuss and justify opinions and positions.

Social competences:

can realise that it is necessary to improve professional and personal competence, understand the need and opportunities of continuous learning (Master and PhD studies, post-diploma studies, trainings).

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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Written test, open questions and some closed ones, minimum 50 % na zaliczenie Scale of grade: 100-91% - 5,0; 90-81% - 4,5; 80-71% - 4,0; 70-61% - 3,5; 60-50% - 3,0; <49% - 2,0

Programme content

-Familiarizing students with the centuries-old and diverse heritage of architectural culture from antiquity to the present. Providing knowledge about fortifications - terminology, examples of implementation.

Course topics

Introduction, specification of the scope and rules of passing, basic definitions. Monuments - legal aspects. The roots of ancient architecture. Pre-Romanesque and Romanesque architecture in Europe and Poland. Gothic - introduction - Gothic architecture. Baroque and Rococo architecture, including Colonial Baroque, Residential architecture. Palace construction of the Baroque era in Europe Architecture, classicism, secession, eclecticism of the 20th and 21st centuries
- Architecture Asia, Indonesia, South America etc., Roman military camps as an example of ancient fortifications
- Slavic fortresses, City and castle - medieval residences outside the walls Bastion fortifications, or indeed defensive construction, was ruled by mathematics and geometry Fortress Poznań as an example of nineteenth-century fortification solutions, Fortifications of the Second Polish Republic
Written test - last lecture

Teaching methods

Information lecture with the use of a multimedia presentation, discussion with students, "external dialogue" between the lecturer and the student; students participate in solving the problem

Bibliography

Basic

1. Zbigniew Pilarczyk, Obronność Poznania w latach 1253?1793, Warszawa-Poznań 1988, ss. 258.
2. Zbigniew Pilarczyk, Fortyfikacje na ziemiach koronnych Rzeczypospolitej w XVII wieku, Poznań 1997,
3. Broniewski T Historia architektury dla wszystkich wyd. II, Ossolineum, Wrocław 1980
4. Koch W Style w architekturze Świat Książki, W-wa 1996
5. Watkin D Historia architektury zachodniej Arkady, W-wa 2006
6. Wróbel T Zarys historii budowy miast Ossolineum, Wrocław 1971
7. Szot-Radziszewska E., Problemy związane z ochroną zabytkowych obiektów przemysłowych w województwie świętokrzyskim, [w:] Acta scansenologica, Sanok 2005, Muzeum Budownictwa Ludowego w Sanoku, s. 79-105
8. Obowiązujące rozporządzenia - ochrona zabytków

Additional

1. Rzeszut Katarzyna, Kucz Marlena, Wpływ kultury chrześcijańskiej na rozwój architektury, CYWILIZACJA TECHNICZNA, Wydawnictwo Kujawsko - Pomorskiej Szkoły Wyższej w Bydgoszczy, 2014, strony 143-154, Pod redakcją A. Mreły, J. Owedyka, P. Wilkoszewskiego
2. Albumy dotyczące agadnień Historii architektury

Breakdown of average student's workload

	Hours	ECTS
Total workload	80	3,00
Classes requiring direct contact with the teacher	30	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	50	2,00