



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

History of architecture and technical monuments [N1Bud1>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

part-time

Requirements

elective

### Number of hours

Lecture

20

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 Marlina, 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	75	3,00
Classes requiring direct contact with the teacher	20	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	55	2,00