



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

History of architecture and technical monuments (HUM I)

### Course

Field of study

Civil engineering

Area of study (specialization)

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Level of study

First-cycle studies

Form of study

full-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

polish

Requirements

elective

### Number of hours

Lecture

30

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

### Number of credit points

3

### Lecturers

Responsible for the course/lecturer:

dr inż. Marlena KUCZ

Responsible for the course/lecturer:

prof dr hab Zbigniew PILARCZYK

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### 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:

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

- 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	75	3,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	45	2

<sup>1</sup> delete or add other activities as appropriate