

COURSE DESCRIPTION CARD			
Name of course/module THEMATIC LECTURE		Code A_S_2.3_002	
Main field of study ARCHITECTURE	Educational profile (general academic, practical) general academic	Year / term II/3	
Specialization -	Language of course: Polish/english	Course (core, elective) core	
Hours Lectures: 30 Classes: - Laboratory classes: - Projects / seminars: -			Number of points 2
Level of qualification: II	Form of studies (full-time studies/part-time studies) Full-time studies	Educational area(s) Technical Sciences	ECTS division (number and %) 2 100%
Course status in the studies' program (basic, directional, other) technical		(general academic, from a different major) -	
Lecturer responsible for the course: prof. PP dr hab. inż arch. Ewa Prusze-wicz-Sipińska e-mail: ewa.pruszewicz-sipinska@put.poznan.pl Faculty of Architecture ul. Nieszawska 21 c, 61-021 Poznań tel. 61 665 33 05		Lecturer: dr inż. arch. Maciej Janowski e-mail: maciej.janowski@put.poznan.com Faculty of Architecture ul. Nieszawska 21 c, 61-021 Poznań tel. 61 665 33 05	
Prerequisites defined in terms of knowledge, skills, social competences:			
1	Knowledge:	<ul style="list-style-type: none"> ▪ basic knowledge including the key issues of architectural designing, ▪ basic engineering knowledge in the architectural scope, ▪ basic knowledge of development trends in architectural designing, ▪ basic knowledge required for the understanding of social, economic, legal and other determinants outside the engineering field of the architectural designing, 	
2	Skills:	<ul style="list-style-type: none"> ▪ acquiring information from field specific literature, data bases and other properly selected sources in Polish and English, integration of the acquired information, interpretation and aggregation as well as drawing conclusions and coming up with opinions supported with satisfactory reasons ▪ assessment of simple architectural solutions in the small scale, ▪ identification and coming up practical tasks in the scope of architectural designing of simple facilities, ▪ designing the simple architectural facilities in the small scale, 	
3	Social competences:	<ul style="list-style-type: none"> ▪ understanding the need for lifelong learning, the ability to inspire and organize process of learning other people, ▪ awareness of the importance of non-technical aspects and effects of engineering activities, in this impact upon the environment and liability for environment affecting decisions ▪ the ability to work and cooperate in a team, assuming a number of different roles therein, ▪ correct identification and resolving the dilemmas in the scope of different spatial situations in the architectural scale. 	
Objective of the course – LECTURES:			
<ul style="list-style-type: none"> ▪ developing knowledge of contemporary tendencies and trends in architectural designing; ▪ learning the latest Polish and foreign architectural realizations; ▪ learning the issues related to problems of forming the advanced architectural assumptions and future visions concerning their formation; ▪ developing knowledge of architectural designing' techniques; ▪ developing the ability to preparation of presentation related to creativeness; ▪ developing knowledge of location determinants of architectural facility: the issues of accessibility and 			

<p>location attractiveness, existing functional problems and socio-economic aspects;</p> <ul style="list-style-type: none"> ▪ improving the ability to creative look at form, function and building construction in the spatial and cultural context; ▪ improving the ability to preparation of technical evaluations, critical analyses and scientific studies; ▪ improving methods of communication using various techniques in professional environment, coordination of design activities and organization of realization processes.

Learning outcomes

Knowledge:

W01	Student has knowledge required for the understanding of social, historical, natural, economic, legal and other determinants outside the engineering field of the engineering activities and has basic knowledge of quality management, in this of the sustainable development management of new settlement and of shaping the environment of man with the account for the relations between people and architectural objects and the surrounding space;	UA2_W03
W02	Student has basic knowledge connected with mission and professional ethics of an architect;	UA2_W04
W03	Student has explicit, well-grounded theoretical knowledge on designing commercial facilities, health care centres, offices and other work places as well as revitalisation of urban space and on the protection of historical buildings.	UA2_W07

Skills:

U01	Student can specify the directions of further education;	UA2_U03
U02	Student can come up with improvements regarding the existing architectural, urban and regional spatial solutions in accordance with the principles of sustainable development, can provide convincing arguments for the assumed solutions in a public debate.	UA2_U13

Social competences:

K01	Student observes the principles of professional ethics; is responsible for the reliability of the obtained results of his/her work and their interpretation;	UA2_K03
K02	Student is aware of the importance of non-technical aspects and effects of engineering activities, in this impact upon the environment and liability for environment affecting decisions;	UA2_K05
K03	Student is aware of the social and humanistic aspects of the architect's work - a profession of public trust.	UA2_K06

The evaluation methods:

The condition for credit is to obtain positive grades for exam / final test.

Summary score:

– final grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0.

Positive grade for module depends on achieved by student all learning outcomes specified in the syllabus.

Course contents

Presentation and analysis of author's creative output of Chair employees and famous representatives of Polish contemporary architecture.

Working discussion with participation of representatives of Polish contemporary architecture.

During lectures are discussed the following issues:

- Super urban house. Detached houses in downtown building development
- Stones and dancer. Totalitarian architecture exemplified by Zhujiang New Town in Guangzu
- Ethics of architect profession
- Competition - Project - Realization
- Integrated designing
- Existential problems in architecture
- Architecture of context – compromise of creation and continuation
- Designing the altitude facility *architecture
- Lipps-Meyer law in architecture, why the thirteenth falls on Friday?
- Who is lighting designer? The story about the light in architecture
- Architects about architecture in Poznań

Basic bibliography:

1. Alexander Ch., Język wzorców, GWP, 2008
2. Bańka A., Behawioralne podstawy projektowania architektonicznego, Gemini S.C., 1999
3. Hall E. T., Bezgłośny język, PIW, 1987
4. Hall E. T., Ukryty wymiar, Muza, 2009

5. Jodidio P., Architecture Now!, Taschen, 2011
6. Neufert E., Podręcznik projektowania architektonicznego, Arkady, 1995
7. Porębski M., Ikonosfera, PIW, 1987
8. Rewers E. (red.), Przestrzeń, filozofia, architektura, Humaniora, 1995
9. Witruwiusz, Dziesięć ksiąg o architekturze, PWN, 1956
10. Yi - Fu Tuan, Przestrzeń i miejsce, PIW, 1987
11. Żórawski J., O budowie formy architektonicznej, 1962
12. Warunki techniczne, jakim powinny odpowiadać budynki i ich usytuowanie (Dz.U.)

Supplementary bibliography:

1. Bonenberg W., Przestrzeń publiczna w osiedlach mieszkaniowych, Metoda analizy społeczno-przestrzennej, WA Politechnika Poznańska, 2007
2. Bielecki Cz., Gra w miasto, Warszawa 1996
3. Contemporary British Architectural Drawing, Londyn 1993
4. Czarnecki W. Planowanie miast o osiedli. PWN. Warszawa. 1965
5. Eibl – Eibesfeldt I., Miłość i nienawiść, Logos, 1987
6. Hall E. T., Poza kulturą, PWN, 2001
7. Ingarden R., Książeczka o człowieku, PWN, 1987
8. Jencks C., Architektura późnego modernizmu i inne eseje, Arkady, 1989
9. Jodidio P., Architecture Now!, Taschen, 2011
10. Koch, W., Style w architekturze, Warszawa, 1996
11. Lorenz K., Regres człowieczeństwa, PIW, 1986
12. Nowa Karta Ateńska. Wizja miast XXI wieku. 2003
13. Ustawa Prawo Budowlane (Dz.U.)
14. Ustawa o planowaniu i zagospodarowaniu przestrzennym (Dz.U.)
15. Wejchert, K., Elementy kompozycji urbanistycznej, Warszawa 1974
16. Monografie współczesnych architektów
17. Renomowane pisma architektoniczne (krajowe i zagraniczne)

The student workload

Form of activity	Hours	ECTS
Overall expenditure	50	2
Classes requiring an individual contact with teacher	32	-
Practical classes	18	-

Balance the workload of the average student

Form of activity	Number of hours
participation in lectures	30 h
participation in classes/ laboratory classes (projects)	-
preparation for classes/ laboratory classes	-
preparation to colloquium/final review	-
participation in consultation related to realization of learning process	-
preparation to the exam (final presentation)	18 h
attendance at exam (final presentation)	2 h

Overall expenditure of student: **2 ECTS credits** **50 h**

As part of this specified student workload:

- activities that require direct participation of teachers:

$$30 \text{ h} + 2 \text{ h} = 32 \text{ h}$$

1,28 ≈ 1 ECTS credit