

COURSE DESCRIPTION CARD			
The name of the course/module DIPLOMA SEMINAR (SECOND-CYCLE)			Code A_K_2.3_003
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) elevative
Hours Lectures: Classes: - Laboratory classes: - Projects / seminars: 30			Number of points 3
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 %) 3 100%
Course status in the studies' program (basic, directional, other) directional		(general academic, from a different major) -	
Lecturer responsible for the course: dr hab. inż arch. Ewa Pruszewicz-Sipińska, prof. nadzw. e-mail: ewa.pruszewicz-sipinska@put.poznan.pl Faculty of Architecture ul. Nieszawska 11 A, 61-021 Poznań tel: 61 665 33 05		Lecturer: dr hab. inż arch. Ewa Pruszewicz-Sipińska, prof. nadzw. e-mail: ewa.pruszewicz-sipinska@put.poznan.pl Faculty of Architecture ul. Nieszawska 11 A, 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"> - student has explicit, theoretically based knowledge including the key issues of designing architectural and urban planning composition, - student has knowledge of development trends in designing architectural and urban planning form, - student knows the basic methods used at solving design tasks in the scope of designing architectural and urban form, - student has knowledge required for the understanding of social determinants of activity related to correct formation of space, 	
2	Skills:	<ul style="list-style-type: none"> - student can acquire information from publications, data bases and other sources in Polish and other foreign language considered as a language of international communication in the field of study, can interpret the said information and draw conclusions as well as voice and justify opinions, - student can prepare well-documented elaboration concern issues related to main trends and directions of architecture and urban planning in Polish (and foreign language), which is considered as a basic for the field of science and scientific disciplines relevant to the field of study being studied, - student has self-education skills, - student can carry out critical analysis and assess the importance of design solutions in the scope of architectural and urban planning composition, - student can use IT techniques, including artistic means, respectively to the performance of tasks typical for designing the architectural composition, 	
3	Social competences:	<ul style="list-style-type: none"> - student understands the need for lifelong learning; can inspire and organize process of learning other people, - student is aware of the importance of non-technical aspects and effects of architectural activities, in this impact upon the environment and spatial context and liability for environment affecting decisions related to correct formation of space, - student correctly identifies dilemmas related to profession of architect and town planner, - student is aware of social role of technical studies graduate, especially understands the needs of formulation and communication to the public, especially by mass media, information and opinions related to the achievements of technique and other aspects of engineering activity; makes efforts to provide such information and opinion in commonly understood manner, 	

		– student can work and cooperate in a team, assuming a number of different roles therein.
Objective of the course:		
<ul style="list-style-type: none"> - theoretical preparation of student to development of master diploma project, consisting in development of individual topics, discussed in diploma project, - becomes familiar students with development methodology of master diploma project with descriptive part, preparation of work plan, - discussion of issues of work originality and consequences of proving plagiarism - searching the source materials, - preparation of theoretical chapters of work: support and develop the analytic part of master diploma thesis. Discussion of importance and preparation of analyses: compositional, functional, communication analysis, greenery analysis, view analysis, SWOT analysis, analysis of insolation conditions, historical analysis in relation to location of diploma project, - implementation of theoretical chapters and design part of work according to guidelines (“Diploma thesis. Methodological guide for students preparing engineering or master diploma thesis”). - discussion of conclusions from carried out analysis and determine their impact on selection of design solutions, - determine the supplementary literature related to design issues, 		
Learning outcomes		
Knowledge:		
W01	student has explicit, well-grounded theoretical knowledge of the issues related to the theory of renovation of historic buildings, timber architecture and the theory and principles of commercial and industrial development;	AU2_W01
W02	student has detailed knowledge of architectural designing in the inter-disciplinary meaning, with the account for cultural context, and for private, semi-private and public space.	AU2_W06
Skills:		
U01	student can prepare scientific elaborations in Polish and English, presenting his/her own research results and design decisions in the field of architecture and town planning;	AU2_U02
U02	student can plan respective stages of the designing process, can carry out analytical study and optimise variant design solutions, as well as can interpret the synthetic data and verify the adopted assumptions;	AU2_U08
U03	student can assess the usefulness of the new scientific and research achievements and apply them in the field of architecture and town planning.	AU2_U10
Social competences:		
K01	student can work on a task, comprising many different problems, in a responsible manner, individually and in a team	AU2_K01
K02	student understands the need of continuous updating and supplementing his/her knowledge as well as the need of the improvement of professional and social competences;	AU2_K04
K03	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.	AU2_K05
The evaluation methods:		
Conditions for credit and evaluation method of Diploma Seminar.		
A basic credit condition and assessment criterion are:		
<ul style="list-style-type: none"> - the degree of topics originality discussed in diploma project, - the quality of development of work’s theoretical chapters, among other things analytic part: compositional, functional, communicational analysis, greenery analysis, view analysis, analysis of insolation conditions, historical analysis in relation to location of diploma project - accuracy of drawn conclusions from carried out analysis and their transformation on design solutions - implementation quality of design part: optionality of presented design propositions, creative use the innovative structural systems and building materials - assessment of presentation of diploma thesis prepared by student. 		
Summative assessment:		
– 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 of assumptions and results of master diploma thesis; preparation, uttering and preliminary assessment of final presentation of diploma thesis		

Theoretical part, development 80 – 100 pages of A4 text, containing:

- admittance (with introduction and substantiation of topic selection)
- main descriptive part of work consisting of subsequent (3-5) chapters (with subsections) containing among others:
 - presentation of the most important architectural and urban issues,
 - review of achieved knowledge and creativeness in the field of solving task,
 - presentation of ways and methods of problems solving,
 - discussion of results.
- the end, including summary of whole work and resulting conclusions
- literature, the list of used written sources
- the list of illustrations with their sources
- boards, being decreasing of graphic part to A4 format
- photos of model, minimum 2 pieces (maximum 4 pieces), in A4 format
- annexes

Design part, development of 8 drawing boards, 100 x 70 format, containing:

- analyses, sketches, studies of topic
- project of Master Plan with readable legend and balance of surface
- views of aboveground and underground storeys with list of premises
- minimum two sections
- facades
- two perspectives showing spatially buildings or complex of buildings
- architectural detail (on the scale 1:20, 1:10, 1:5)

Student has to develop physical model of building in the scale agreed with the teacher.

Basic bibliography:

Czarnecki W. Planowanie miast o osiedli. PWN. Warszawa. 1965.

Neufert E., Podręcznik projektowania architektoniczno-budowlanego, Arkady, W-wa 1991

Ustawa z dnia 27 marca 2003 r. o planowaniu i zagospodarowaniu przestrzennym,

Dz. U. Nr 80, poz. 717. Warszawa.

Dz.U. Nr 75, 2002, Rozporządzenie Min. Infr. Z 12.04.2002 w sprawie warunków technicznych

Ustawa z dnia 7 lipca 1994 r. Prawo budowlane – tekst ujednolicony z poprawkami

Supplementary bibliography:

Supplementary bibliography is selected individually depends on issues of diploma project.

The student workload

Form of activity	Hours	ECTS
Overall expenditure	81	3
Classes requiring an individual contact with teacher	32	1
Practical classes	10	-

Balance the workload of the average student

Form of activity	Number of hours
participation in lectures	0 h
participation in classes/ laboratory classes (projects)	30 h
preparation for classes/ laboratory classes	15 x 3 h = 45 h
preparation to colloquium/final review	0
participation in consultation related to realization of learning process	0
preparation to the exam (final presentation)	4h
attendance at exam (final presentation)	2h

Overall expenditure of student:

3 ECTS credits

81 h

As part of this specified student workload:

- activities that require direct participation of teachers:

30 h + 2 h = **32 h**

1 ECTS credit