Cracow University of Technology

Course syllabus

binding for the doctoral students of the CUT Doctoral School commencing their studies in the academic year 2022/2023

Information on the course

Name of the course in Polish	Seminarium (15h) (prowadzone w dyscyplinie)
Name of the course in English	Doctoral seminar in the discipline (15h)
Number of the ECTS points	2
Language of instruction	Polish
Category of the course	Mandatory
Field of education	Engineering and Technology
Discipline of education	Architecture and Urban Sciences
Person responsible for the course Contact	Prof. Maciej Motak, *doctor hab.*, MSc in Arch. mmotak@pk.edu.pl

Type of course, number of hours in the study programme curriculum

Semester	Credit type (G / NG)*	Lecture	Practical class	Laboratory	Computer Laboratory	Project class	Seminar
6	NG	6	0	0	0	0	9

*G – graded credit, NG – non-graded credit

Course objectives

Code	Objective description
Objective 1	Expanding knowledge on the global achievements, encompassing the theoretical foundations as well as contemporary problems of the discipline of Architecture and Urban Sciences.
Objective 2	Expanding knowledge on the major development trends in the discipline of Architecture and Urban Design.
Objective 3	Developing the skill to present the current state of knowledge on a given research and scientific problem as well as one's own research and analysis results
Objective 4	Developing the skill to participate in a scientific discourse.

Learning Outcomes

Code	Description of the learning outcome adjusted to the specific characteristics of the discipline	Learning outcome symbol in the CUT SD	Methods of verification
OUTCOMES RELATED TO KNOWLEDGE			
EUW1	The doctoral student knows and understands – in the extent enabling revision of the existing paradigms – the global scientific achievements encompassing the theoretical foundations as well as general and selected detailed problems specific to the discipline of Architecture and Urban Sciences	E_W01	Involvement in class activities, graded presentation and discussion
EUW2	The doctoral student knows and understands the major development trends in the discipline of Architecture and Urban Design.	E_W02	Involvement in class activities, graded

			presentation and discussion
OUTCOMES RELATED TO SKILLS			
EUU1	The doctoral student is able to: - define the objective and subject of scientific research, - formulate a research hypothesis, - develop research methods, techniques and tools as well as to use them creatively, - draw conclusions based on scientific research.	E_U01	Graded presentation and discussion
EUU2	The doctoral student is able to perform a critical analysis and evaluation of scientific research results, expert activities and other creative types of work, as well as their contribution to the development of knowledge	E_U02	Involvement in class activities, graded presentation and discussion
EUU3	The doctoral student is able to initiate a debate.	E_U06	Involvement in class activities, graded presentation and discussion
EUU4	The doctoral student is able to participate in a scientific discourse.	E_U07	Involvement in class activities, graded discussion
EUU5	The doctoral student is able to plan and execute individual and team research projects, also in an international environment	E_U09	Graded presentation and discussion
EUU6	The doctoral student is able to independently plan and act for the benefit of their own development and to inspire and organise development of other individuals	E_U10	Involvement in class activities, graded discussion
OUTCOMES RELATED TO SOCIAL COMPETENCES			
EUK1	The doctoral student is prepared for critical evaluation of the scientific achievements within the discipline of Architecture and Urban Sciences	E_K01	Involvement in class activities, graded presentation and discussion
EUK2	The doctoral student is prepared for critical evaluation of their own contribution to the development of the discipline of Architecture and Urban Sciences	E_K02	Graded presentation and discussion
EUK3	The doctoral student is prepared to recognise the significance of knowledge in solving cognitive and practical problems	E_K03	Involvement in class activities, graded presentation and discussion
EUK4	The doctoral student is prepared to: - carry out their research activities in an independent manner, - respect the principle of public ownership of the	E_K07	A graded presentation

	scientific research results, without prejudice to the principles of intellectual property rights protection		

Course outline

No.	Contents	Learning outcomes for the course	No. of hours
LECTURE			
W 1	"The researcher's perspective" – lecture on the problems of selection, undertaking and carrying out research work.	EUW1, EUW2,	3
W 2	"The reviewer's perspective" – lecture on the problems of reviewing scientific works	EUU1, EUU2, EUU3, EUU4,	3
S 1	Reflections and advice for young scientists – a lecture or seminar with the participation of an invited commonly recognised scientific or scientific and creative authority in the discipline of architecture and urban sciences; discussion	EUU5, EUU6 EUK1, EUK2 EUK3, EUK4	3
S 2	Reflections and advice for young scientists – a lecture or seminar with the participation of an invited commonly recognised scientific or scientific and creative authority in the discipline of architecture and urban sciences; discussion		3
S 3	The world of contemporary science and the world of contemporary architecture and urban sciences; conclusion of the cycle of seminars in the discipline of architecture and urban sciences		3

The ECTS points statement

WORKING HOURS SETTLEMENT	
Type of activity	Average number of hours (45 min.) dedicated to the completion of an activity type
SCHEDULED CONTACT HOURS WITH THE ACADEMIC TEACHER	
Hours allotted in the syllabus	15
Consultations	3
Examination / course credit assignment	2
HOURS WITHOUT THE PARTICIPATION OF THE ACADEMIC TEACHER	
Independent study of the course contents	20
Preparation of a presentation, discussion, plan	10
ECTS POINTS STATEMENT	
Total number of hours	50
The ECTS points number	2

Preliminary requirements

No.	Requirements
1	Completion of the previous stages of studies, including the course Seminar (in the discipline) in the 2nd, 3rd, 4th and 5th semesters.
2	Implementation of the Individual Research Plan according to the time schedule

Course credit assignment conditions / method of the final grade calculation

No.	Description
COURSE CREDIT ASSIGNMENT CONDITIONS	
1	80% attendance in class.
2	Involvement in the activities done in class.
3	Delivery of a presentation demonstrating how the research carried out by the doctoral student may be used for the benefit of the public and submission of the said presentation for discussion
	METHOD OF THE FINAL GRADE CALCULATION
	Credit assigned on the grounds of: attendance, involvement in the activities in class, presentation

Additional information

None

The course reading list

1	Act of the 20th July 2018: Law on Higher Education and Science, Journal of Laws 2018, item 1668, as amended, and other binding legal acts related to the preparation for completion of the doctoral dissertation
2	Publications related to the topics presented and discussed in individual lectures and seminars assigned throughout the duration of the course