

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	Wybrane problemy zarządzania mobilnością
Name of the course in English	Selected issues of mobility management
Number of the ECTS points	1
Language of instruction	Polish
Category of the course	Choosable
Field of education	Engineering and Technology
Discipline of education	Civil Engineering and Transport
Person responsible for the course Contact	Prof. Wiesław Starowicz PhD Eng. wstar@pk.edu.pl

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

Semester	Credit type (G / NG)*	Lecture	Practical classes	Laboratory	Computer Lab	Project Class	Seminar
2, 3, 4, 5	G	15	0	0	0	0	0

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

Course objectives

Code	Objective description
Objective 1	Expanding knowledge in the field of mobility management, in particular the essence and genesis of the management approach, instruments and methods
Objective 2	Acquiring the ability to create mobility plans for workplaces and create SUMP sustainable mobility plans

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	A PhD student knows and understands the methodology of mobility management	E_W01, E_W02	Involvement in class activities, a paper
EUW2	A PhD student knows and understands the principles of creating mobility plans for workplaces	E_W01, E_W02	
OUTCOMES RELATED TO SKILLS			
EUU1	A PhD student is able to choose the appropriate methods of managing urban mobility and correctly analyse and evaluate the obtained results.	E_U01, E_U02	A paper, a presentation

EUU2	A PhD student is able to design a mobility plan for a selected workplace along with the definition of result indicators	E_U01, E_U02	A paper, a presentation
OUTCOMES RELATED TO SOCIAL COMPETENCES			
EUK1	A PhD student is ready to critically assess the methodology of urban mobility management	E_K01, E_K02	A discussion
EUK2	A PhD student is ready to recognize the importance of knowledge of mobility management within a research discipline	E_K01, E_K02	

Course outline

No.	Contents	Learning outcomes for the course	No. of hours
LECTURE			
W1	Introduction to mobility management, genesis, instruments, methods	EUW1, EUU1, EUK1	2
W2	Assessment methods for selected mobility management instruments	EUW1, EUU1, EUK1	2
W3	Sustainable urban mobility indicators	EUW1, EUU1, EUK1	2
W4	Assessment methods for selected mobility management instruments	EUW1, EUU1, EUK1	2
W5	Improving transport accessibility as one of the mobility management instruments	EUW1, EUU1, EUK1	1
W6	Mobility plans for workplaces	EUW2, EUU2, EUK2	2
W7	Sustainable Urban Mobility Plans (SUMP)	EUW2, EUU2, EUK2	3
W8	City logistics as an element of sustainable urban mobility plans	EUW2, EUU2, EUK2	1

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 AN ACADEMIC TEACHER	
Hours allotted in the syllabus	15
Consultations	1
Examination / course credit assignment	2
HOURS WITHOUT THE PARTICIPATION OF AN ACADEMIC TEACHER	
Independent study of the course contents	8
Preparation of a paper	4
ECTS POINTS STATEMENT	
Total number of hours	30
The ECTS points number	1

Preliminary requirements

No.	Requirements

1	No preliminary requirements
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Course credit assignment conditions / method of the final grade calculation

No.	Description
COURSE CREDIT ASSIGNMENT CONDITIONS	
1	80% attendance in class. Presentation of a paper.
METHOD OF THE FINAL GRADE CALCULATION	
Assessment of the completion of the presented work, taking into account the attendance	

Additional information

Not specified

The course reading list

1	Starowicz W., <i>Zarządzanie mobilnością wyzwaniem polskich miast</i> , „Transport Miejski i Regionalny”, nr 1/2011.
2	Starowicz W., <i>Zarządzanie mobilnością w miastach</i> , „Blżej Brukseli”, seria: Transport, nr 12/2012.
3	Nosal K., Starowicz W., <i>Wybrane zagadnienia zarządzania mobilnością</i> , „Transport Miejski i Regionalny”, nr 3/2010.
4	Nosal K., <i>Zasady tworzenia planów mobilności dla obiektów i obszarów generujących duże potoki ruchu</i> , „Transport Miejski i Regionalny”, nr 2/2016.
5	Nosal K., Pawłowska A., <i>Zmiany w podejściu do zrównoważonej mobilności w miastach</i> , „Transport Miejski i Regionalny”, nr 9/2016.
6	Ciastoń-Ciulkin A., <i>„Nowa kultura mobilności – istota i ujęcie definicyjne”</i> , Transport Miejski i Regionalny, nr 1/2016.