

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 doktoranckie I
Name of the course in English	Doctoral seminar I
Number of the ECTS points	2
Language of instruction	Polish
Category of the course	Mandatory
Field of education	Engineering and Technology
Discipline of education	Chemical Engineering
Person responsible for the course Contact	Radomir Jasiński, <i>doctus habilitatus</i> , DSc, prof. of CUT radomir.jasinski@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
2	NG	0	0	0	0	0	15

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

Course objectives

Code	Objective description
Objective 1	To acquire the ability to present scientific problems and the results of own research.
Objective 2	To acquire the ability to conduct a scientific discussion.

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			
E_UW1	The doctoral student understands the importance of scientific discussion in the process of shaping the state of knowledge in the discipline of Chemical Engineering.	E_W01, E_W02	Involvement in class activities; giving a paper
E_UW2	The doctoral student is able to present the results of own research and engage in a scientific discussion on the topic.	E_W01, E_W02	Involvement in class activities; giving a paper
OUTCOMES RELATED TO SKILLS			

EUU1	The doctoral student is able to prepare a paper illustrating the progress in scientific research in the discipline of Chemical Engineering.	E_U01	Giving a paper
EUU2	The doctoral student is able to prepare a presentation illustrating the progress in scientific research in the discipline of Chemical Engineering.	E_U01	A presentation
OUTCOMES RELATED TO SOCIAL COMPETENCES			
EUK1	The doctoral student is prepared to explain to a wider audience the importance of conducting scientific research in the discipline of Chemical Engineering.	E_K01, E_K03 E_K07	Discussion

Course outline

No.	Contents	Learning outcomes for the course	No. of hours
SEMINAR			
W1	Objectives and areas of conducted research and dissemination of research results; the analysis of the areas of evaluation of the doctoral student's achievements while training at the Doctoral School.	EUW1, EUU1, EUK1, EUK2	2
W4	Presentation of the results of own scientific works as part of an individual research plan.	EUW2, EUU2, EUK1, EUK2	13

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	1
Examination / course credit assignment	2
HOURS WITHOUT THE PARTICIPATION OF THE ACADEMIC TEACHER	
Independent study of the course contents	8
Preparation of a paper, report, project, presentation, discussion	4
ECTS POINTS STATEMENT	
Total number of hours	30
The ECTS points number	2

Preliminary requirements

No.	Requirements
1	None

Course credit assignment conditions / method of the final grade calculation

No.	Description
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COURSE CREDIT ASSIGNMENT CONDITIONS	
1	80% attendance in class. Involvement in class activities. Participation in discussions. Giving a paper positively evaluated by the teacher.
METHOD OF THE FINAL GRADE CALCULATION	
n/a	

Additional information

None
