



## Subject card

Subject name and code	MSc seminar, PG_00038981						
Field of study	Chemistry in Construction Engineering						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group			Obligatory subject group in the field of study		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Analytical Chemistry -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Błażej Kudlak				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	15
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	15		10.0		25.0	50
Subject objectives	The aim of subject is preparing Studentes to proper searching and presenting information in the area covered with thesis of given Student and learning specialized vocabulary, constructing research stand, recalling the knowledge gained during the study period on construction chemistry.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K7_U05	Student has skills in searching and critical analyses of data collected, their synthesis and logical presentation in dependance on scientific problem raised.			[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment		
	K7_U09	Student has knowledge on how to formulate and study the scientific hypotheses related to his/her scientific problems.			[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment		
	K7_U12	Student has knowledge on how ti analyse and critically select and apply objects and scientific devices in accordance with selected specialization.			[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment		
	K7_U08	Students have recalled and gained new vocabulary skills on specialized polish and english terminology in the area of construction chemistry.			[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools		
	K7_U01	The student has full knowledge in the area of searching databases in both polish and english, integrating the data gained, their interpretation and critical evaluation.			[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment		

Subject contents	<p>- preparing Students to proper searching and presenting information in the area covered with thesis of given Student and learning specialized vocabulary, constructing research stand, recalling the knowledge gained during the study period on construction chemistry.</p> <p>- getting knowledge on searching and critical analyses of data collected, their synthesis and logical presentation in dependence on scientific problem raised.</p> <p>- getting knowledge on how to formulate and study the scientific hypotheses related to his/her scientific problems.</p> <p>- getting knowledge on how to analyse and critically select and apply objects and scientific devices in accordance with selected specialization.</p> <p>- getting knowledge on new vocabulary skills on specialized polish and english terminology in the area of construction chemistry.</p> <p>- getting knowledge in the area of searching databases in both polish and english, integrating the data gained, their interpretation and critical evaluation.</p> <p>- getting full linguistic knowledge in the area of searching databases in both polish and english, integrating the data gained, their interpretation and critical evaluation.</p>														
Prerequisites and co-requisites	- the range of knowledge gained during I degree if engineering studies														
Assessment methods and criteria	<table border="1" data-bbox="448 972 1487 1111"> <thead> <tr> <th data-bbox="448 972 794 1003">Subject passing criteria</th> <th data-bbox="794 972 1141 1003">Passing threshold</th> <th data-bbox="1141 972 1487 1003">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 1003 794 1034">final test</td> <td data-bbox="794 1003 1141 1034">60.0%</td> <td data-bbox="1141 1003 1487 1034">40.0%</td> </tr> <tr> <td data-bbox="448 1034 794 1066">evaluation of self-work</td> <td data-bbox="794 1034 1141 1066">60.0%</td> <td data-bbox="1141 1034 1487 1066">30.0%</td> </tr> <tr> <td data-bbox="448 1066 794 1111">evaluation of presentation</td> <td data-bbox="794 1066 1141 1111">60.0%</td> <td data-bbox="1141 1066 1487 1111">30.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	final test	60.0%	40.0%	evaluation of self-work	60.0%	30.0%	evaluation of presentation	60.0%	30.0%
Subject passing criteria	Passing threshold	Percentage of the final grade													
final test	60.0%	40.0%													
evaluation of self-work	60.0%	30.0%													
evaluation of presentation	60.0%	30.0%													
Recommended reading	<table border="1" data-bbox="448 1117 1487 1267"> <tbody> <tr> <td data-bbox="448 1117 794 1171">Basic literature</td> <td colspan="2" data-bbox="794 1117 1487 1171">will be presented during first classes with students depending on basic knowledge level</td> </tr> <tr> <td data-bbox="448 1171 794 1225">Supplementary literature</td> <td colspan="2" data-bbox="794 1171 1487 1225">will be presented during first classes with students depending on basic knowledge level</td> </tr> <tr> <td data-bbox="448 1225 794 1267">eResources addresses</td> <td colspan="2" data-bbox="794 1225 1487 1267">Adresy na platformie eNauzanie:</td> </tr> </tbody> </table>			Basic literature	will be presented during first classes with students depending on basic knowledge level		Supplementary literature	will be presented during first classes with students depending on basic knowledge level		eResources addresses	Adresy na platformie eNauzanie:				
Basic literature	will be presented during first classes with students depending on basic knowledge level														
Supplementary literature	will be presented during first classes with students depending on basic knowledge level														
eResources addresses	Adresy na platformie eNauzanie:														
Example issues/ example questions/ tasks being completed	will be presented during first classes with students														
Work placement	Not applicable														