



Subject card

Subject name and code	Thesis Seminar , PG_00044417						
Field of study	Civil Engineering						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2023/2024		
Education level	first-cycle studies		Subject group		Optional subject group		
Mode of study	Part-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	8		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Engineering Structures -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Jerzy Bobiński				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	20.0	0.0	0.0	0.0	20
	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	20		5.0		25.0	50
Subject objectives	The main purpose of this course is to prepare the students to perform their bachelor thesis within the speciality of civil engineering and gaining ability to take part in technical/engineering discussions and basic academic discussions concerning technical and scientific topics.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W16] Has deeper and adequate knowlege of civil engineering, within offered specialization		Student is able to critically analyze data presented in popular science and scientific literature and technical drawings/specifications.		[SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge		
	[K6_K04] understands the necessity of dissemination civil engineering knowlege in the society; shares information about civil engineering in a popular and understandable fashion		Student can define the technical problem or basic scientific problems, summarize it in oral presentation and take an active part in the discussion with other students and the lecturer.		[SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills		
	[K6_U17] has specialized skills in civil engineering within offered specialization		Student is able to prepare a bachelor thesis with a specialty Civil Engineering. Student can use literature databases to find necessary technical data.		[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[K6_K02] is responsible for reliability of obtained results of research and its interpretation, formulates conclusions and describes results of own work		Student uses technical language rooted in technical and scientific literature in his presentations and discussions.		[SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness		

Subject contents	The course is composed of the following modules: 1) Formal preparation of the bachelor thesis, 2) Innovative building and construction materials and thier applications, 3) Advanced engineering structures - challenges and solutions, 4) Using literature databases and verification of sources, 5) Workshop in smaller groups for assigned technical problem, 6) Presentation of workshop effects and undertaking technical discussion, 7) Individual presentation of own batchelor thesis topics, 8) Review of technical aspects required at the batchelor exam.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation of groupwork	60.0%	40.0%
	Technical discussion	60.0%	20.0%
	Individual thesis topic presentation	60.0%	40.0%
Recommended reading	Basic literature	1) Neville, A, Brooks, J. Concrete Technology (2nd Edition), Pearson Education Canada; 2nd edition (March 25, 2010) 2) Royal, S. Advanced Structures: Materials and Technology, Willford Press, 2017 3) https://www.irena.org/publications/2020/Jan/IRENA-Power-system-structures	
	Supplementary literature	Lack of additional literature	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Workshop in small groups, prezentations and sicussions, individual presentation of the thesis topic.		
Work placement	Not applicable		