



Subject card

Subject name and code	Student apprenticeship II, PG_00049061						
Field of study	Civil Engineering						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies	Subject group			Optional subject group		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Geotechnical and Hydraulic Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Witold Sterpejkowicz-Wersocki					
	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	0.0	0
	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	0	5.0		75.0		80
Subject objectives	The aim of the industrial training is to enable students to apply the knowledge gained in other courses in solving real-life problems in various companies and institutions related to civil engineering. This can be achieved by participation in design or construction process, in supervision of civil engineering investments, in renovation works, manufacturing of building materials and other activities related to civil engineering.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U11] knows and applies rules of construction law; can estimate risk of construction works and implement proper security routines; obeys the rules of occupational safety and health	The student knows and applies in practice the provisions of the construction law and analyzes the risks associated with the implementation of construction works, and implements and applies health and safety rules.			[SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_K02] is responsible for reliability of obtained results of research and its interpretation, formulates conclusions and describes results of own work	The student is responsible for the reliability of his work on the construction site, in the design office, in the construction supervision institution or in another place of internship. Can evaluate the results of their work and on this basis formulates conclusions.			[SK5] Assessment of ability to solve problems that arise in practice		
	[K6_U16] is able to manage the construction site according to codes of technology and construction management	The student is able to organize work on a construction site or other place of practice related to civil engineering in accordance with the principles of technology and organization of construction.			[SU1] Assessment of task fulfilment		

Subject contents	<p>Zakres praktyk: W zależności od profilu zakładu pracy student powinien pracować w charakterze pomocnika majstra, kierownika budowy, projektanta, inspektora nadzoru, itp. Praktyka może przykładowo obejmować elementy z następującego zakresu:</p> <ul style="list-style-type: none"> • zapoznanie się ze strukturą i zakresem działalności zakładu pracy, • zapoznanie się z dokumentacją budowlaną (projekt budowlany, kosztorysy, harmonogramy, dziennik budowy, księga obmiaru, itd.), prowadzenie dokumentacji, kosztorysowanie, • sprawozdawczość, • kontrola personelu, jakości robót, stanów magazynowych i warunków BHP, • zapoznanie się z oprogramowaniem komputerowym wykorzystywanym w projektowaniu, • normami, katalogami, literaturą zawodową, wykonywanie obliczeń projektowych • poszerzenie wiedzy na temat materiałów i technologii budowlanych, • udział w pomiarach geodezyjnych, badaniach geotechnicznych lub hydrogeologicznych. <p>Szczegółowy program praktyki powinien zostać uzgodniony z opiekunem praktyk z ramienia zakładu pracy.</p> <p>Miejsce odbywania praktyk: Firmy budowlane, deweloperskie, wytwórnie materiałów budowlanych lub prefabrykatów, biura projektowe, organy administracji. Wskazane jest, aby praktyka I i II odbywały się w zakładach pracy o różnym profilu, bądź na budowie obiektów różnego typu.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Certificate of completion of the internship and a written report	100.0%	100.0%
Recommended reading	Basic literature	Handbooks of a designer, construction foreman, construction manager, construction organization, etc.	
	Supplementary literature	Not applicable.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Work on a construction site as a foreman assistant, project engineer assistant. Work in a design office as a designer assistant.		
Work placement	Not applicable		