

POLITECHNIKA KRAKOWSKA IM. TADEUSZA KOŚCIUSZKI

KARTA PRZEDMIOTU

obowiązuje studentów rozpoczynających studia w roku akademickim 2024/2025

Wydział Inżynierii Lądowej

Kierunek studiów: Budownictwo

Profil: Ogólnoakademicki

Forma studiów: stacjonarne

Kod kierunku: BUD

Stopień studiów: I

Specjalności: Bez specjalności - studia w języku angielskim

1 INFORMACJE O PRZEDMIOCIE

NAZWA PRZEDMIOTU	Praktyka zawodowa - geotechniczna
NAZWA PRZEDMIOTU W JĘZYKU ANGIELSKIM	Practical training in geotechnics
KOD PRZEDMIOTU	WIL BUD oIS C31 24/25
KATEGORIA PRZEDMIOTU	Przedmioty kierunkowe
LICZBA PUNKTÓW ECTS	1.00
SEMESTRY	4

2 LICZBA TYGODNI

SEMESTR	LICZBA TYGODNI
4	1.00

3 CELE PRZEDMIOTU

Cel 1 Getting to know with practical geotechnical investigation in the field , training in use of dynamic cone test and sampling

Cel 2 Getting to know the drill field, sampling type A, B and C

Cel 3 Preparing a report of geotechnical field investigation for a building designer based on in situ and laboratory tests

4 WYMAGANIA WSTĘPNE W ZAKRESIE WIEDZY, UMIEJĘTNOŚCI I INNYCH KOMPETENCJI

1 Completing the entire course of Soil Mechanics

5 EFEKTY KSZTAŁCENIA

EK1 Wiedza Student explains the sequences of the investigation made by dynamic cone test and vane test

EK2 Umiejętności Student can perform dynamic cone test and vane test and soil sample for laboratory analysis

EK3 Wiedza Student explains the soil drilling execution in field investigation

EK4 Umiejętności Student is able to perform geological engineering raport based on research carried out field and laboratory

6 TREŚCI PROGRAMOWE

PRAKTYKA ZAWODOWA

LP	TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH	LICZBA GODZIN
PZ1	Training in use of dynamic cone test and sampling	5
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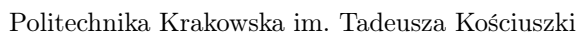
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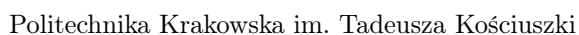
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7 NARZĘDZIA DYDAKTYCZNE

N1 Laboratories

N2 Team work

N3 Projects

N4 Consulting

8 OBCIĄŻENIE PRACĄ STUDENTA

FORMA AKTYWNOŚCI	ŚREDNIA LICZBA GODZIN NA ZREALIZOWANIE AKTYWNOŚCI
Godziny kontaktowe z nauczycielem akademickim, w tym:	
Godziny wynikające z planu studiów	0
Konsultacje przedmiotowe	15
Egzaminy i zaliczenia w sesji	0
Godziny bez udziału nauczyciela akademickiego wynikające z nakładu pracy studenta, w tym:	
Przygotowanie się do zajęć, w tym studiowanie zalecanej literatury	5
Opracowanie wyników	5
Przygotowanie raportu, projektu, prezentacji, dyskusji	5
SUMARYCZNA LICZBA GODZIN DLA PRZEDMIOTU WYNIKAJĄCA Z CAŁEGO NAKŁADU PRACY STUDENTA	30
SUMARYCZNA LICZBA PUNKTÓW ECTS DLA PRZEDMIOTU	1.00

9 SPOSOBY OCENY

OCENA FORMUJĄCA

F1 Practical exercises

F2 Team project work

F3 Final report

OCENA PODSUMOWUJĄCA

P1 Practical exam

WARUNKI ZALICZENIA PRZEDMIOTU

W1 For those who took part in the field research the credit is granted.

KRYTERIA OCENY

EFEKT KSZTAŁCENIA 1	
NA OCENĘ 3.0	Student distinguishes between DPL and VST probes
EFEKT KSZTAŁCENIA 2	
NA OCENĘ 3.0	The student can describe the tests and different soil samples
EFEKT KSZTAŁCENIA 3	
NA OCENĘ 3.0	The student knows how to prepare equipment for manual drilling
EFEKT KSZTAŁCENIA 4	
NA OCENĘ 3.0	The student knows the basic elements of the geotechnical report

10 MACIERZ REALIZACJI PRZEDMIOTU

EFEKT KSZTAŁCENIA	ODNIESIENIE DANEGO EFEKTU DO SZCZEGÓŁOWYCH EFEKTÓW ZDEFINIOWANYCH DLA PROGRAMU	CELE PRZEDMIOTU	TREŚCI PROGRAMOWE	NARZĘDZIA DYDAKTYCZNE	SPOSOBY OCENY
EK1		Cel 1 Cel 2 Cel 3	PZ1 PZ2	N1 N2 N3 N4	F1 F2 F3 P1
EK2		Cel 1	PZ1 PZ2	N1 N2 N3 N4	F1 F2 F3 P1
EK3		Cel 2 Cel 3	PZ1	N1 N2 N3 N4	F1 F2 F3 P1

EFEKT KSZTAŁCENIA	ODNIESIENIE DANEGO EFEKTU DO SZCZEGÓŁOWYCH EFEKTÓW ZDEFINIOWANYCH DLA PROGRAMU	CELE PRZEDMIOTU	TREŚCI PROGRAMOWE	NARZĘDZIA DYDAKTYCZNE	SPOSOBY OCENY
EK4		Cel 2 Cel 3	PZ2	N1 N2 N3 N4	F1 F2 F3 P1

11 WYKAZ LITERATURY

LITERATURA PODSTAWOWA

[1] **WILUN Zenon** — *Zarys Geotechniki*, Warszawa, 2005, WKŁ

[2] **GOŁEBIEWSKA Anna** — *Mechanika gruntów*, Warszawa, 2004, SGGW

LITERATURA UZUPEŁNIAJĄCA

[1] **SMOLTCZYK Ulrich** — *Geotechnical Engineering Handbook*, Berlin, 2003, Ernst&Sohn

12 INFORMACJE O NAUCZYCIELACH AKADEMICKICH

OSOBA ODPOWIEDZIALNA ZA KARTĘ

dr inż. Janusz Kogut (kontakt: jkogut@pk.edu.pl)

OSOBY PROWADZĄCE PRZEDMIOT

1 dr inż. Janusz Kogut (kontakt:)

2 mgr inż. Jakub Zięba (kontakt:)

3 mgr inż. Dariusz Szwarekowski (kontakt:)

4 dr inż. Bartłomiej Olek (kontakt:)

5 mgr inż. Magdalena Moskał (kontakt:)

6 mgr inż. Justyna Morman-Wątor (kontakt:)

7 dr inż. Mirosława Bazarnik (kontakt:)

8 prof. Elżbieta Pilecka (kontakt:)

9 dr inż. Rafał Gwóźdź (kontakt:)

13 ZATWIERDZENIE KARTY PRZEDMIOTU DO REALIZACJI

(miejscowość, data)

(odpowiedzialny za przedmiot)

(dziekan)

PRZYJMUJĘ DO REALIZACJI (data i podpisy osób prowadzących przedmiot)

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