COURSE DESCRIPTION						
Type of study full-time 1st degree (BSc) Field of study Civil Engineeri						ering
Specialization	Structural En					
Code	Course name (acc. t)			ECTS point
B05133 Soil mechanics						5
Unit running the course Dep. of Road Engineering, Geotechnics and Geodesy						Semester V
Number of hours in semester	L - 30	A – 0	Lb - 30	$\mathbf{W}\mathbf{s} - 0$	D – 0	S-0
Lerning outcomes Recognition of subsoil for design of foundation. Identification of phisical and mechanical parameters of soils.						
Prerequisites: Mathematics, mechanics, strength of materials						
and in-situ test in the soil subb	Gravimetric and S. Permability. Eff	ective and total s Theory of consoli	treess. Streng	th of soils. Stress	f soils. Soil clasifica -strain behaviour. S trated soils. Slope st	tress distribution
Form of lecture a	ssessment					
Kolloquium [Final test	Writ	tten exam	Oral exam	ı 🔀	
References: 1. Z.Wilun: Zarys geotechniki, Wydawnictwo Komunikacji i Łączności, W-wa 2000 2. S.Pisarczyk: Mechanika gruntów, Wyd. Politechniki Warszawskiej, W-wa 1992 3. T.Jeske, T.Przedecki, B.Rossiński: Mechanika gruntów, PWN, W-wa -Wrocław 1966 4. T.W.Lambe, R.V.Whitman: Mechanika gruntów, t.1 i 2, Arkady, W-wa 1978 5. 6. 7. 8.						
The content was worked out by: Dr hab. inż. Z. Szypcio Date: 2008-02-15 Supervisor of writ (deporture on the dr. inż. W. Gordzioiczyk, prof. PR						

^{*)} Department of Basis of Building Engineering and Construction Engineering