

COURSE/MODULE SYLLABUS FOR UNIVERSITY COURSES/PhD STUDIES

1.	Course/module name in Polish and English Regional geology of Poland/Geologia regionalna Polski
2.	Discipline Earth and Environmental Science
3.	Language of instruction English
4.	Teaching unit Faculty of Earth Science and Environmental Management, Institute of Geological Sciences, Department of Physical Geology
5.	Course/module code USOS
6.	Type of course/module (<i>mandatory or optional</i>) optional
7.	Field of studies (major, if applicable) Geology
8.	Level of higher education (<i>undergraduate (I cycle), Master's (II cycle), 5 year uniform Master's studies</i>) Undergraduate (I cycle)
9.	Year of studies (<i>if applicable</i>) III
10.	Semester (<i>winter or summer</i>) summer
11.	Form of classes and number of hours Lectures: 33 Teaching methods Multimedia lecture
12.	Name, title/degree of the teacher/instructor Coordinator: dr hab. Jacek Szczepański, prof UW r Lecturer: dr hab. Jacek Szczepański, prof UW r
13.	Course/module prerequisites, in terms of knowledge, skills, social competences Knowledge in the field of tectonics, historical and ore geology.
14.	Course objectives Lectures provide background knowledge in the area of regional geology of Europe.
15.	Course content Geology and evolution of several units are discussed including: East European Craton,

	Trans European Suture Zone, German-Polish Caledonides, Holy Cross Mts., German-Polish Basin, Carpathians, Cenozoic volcanism in Europe, Central European Variscan Belt (CEVB) with emphasis put on Sudetes Mts. and traces of Cadomian basement preserved within CEVB. Presented are also geodynamic models describing the evolution of rock complexes cropping out in Europe.	
16.	Intended learning outcomes W_1 Has knowledge in the field of geology of Poland as a part of Central Europe with emphasis on Lower Silesia. U_1 Can identify on geological map of Poland and describe important fragments of crystalline basement, Permo-Mesozoic and Cenozoic cover as well as Mesozoic and Cenozoic volcanics of Central European Volcanic Province. U_2 Critically evaluate the presented data and is able to draw conclusions on the basis of data derived from different sources. U_3 Read professional literature in English	Symbols of learning outcomes for particular fields of studies, K1_W06 K1_U06 K1_U13 K1_U11
17.	Required and recommended reading (<i>sources, studies, manuals, etc.</i>) Required reading: McCann, T. (ed.) 2008. The Geology of Central Europe, Volumes 1 and 2. Volume 1: Precambrian and Palaeozoic; Volume 2: Mesozoic and Cenozoic Mazur, S., Aleksandrowski, P., Kryza, R. & Oberc-Dziedzic, T., 2006. The Variscan Orogen in Poland. <i>Geological Quarterly</i>, 50(1), 89-118. Recommended reading: Mazur S, Aleksandrowski P, Szczepański J. 2010. Zarys budowy i ewolucji tektonicznej waryscyjskiej struktury Sudetów. <i>Przegląd Geologiczny</i> 58(2):133–145. Regionalizacja tektoniczna Polski 2008. Zbiór artykułów. <i>Przegląd Geologiczny</i>, 56: 887-938. Żelaźniewicz, A., 2005. Zarys geologii Dolnego Śląska. W: Fabiszewski, J. (Ed) <i>Przyroda Dolnego Śląska</i>. Polska Akademia Nauk. Oddział we Wrocławiu: 70-134. Chopin, F., K. Schulmann, E. Skrzypek, J. Lehmann, J. R. Dujardin, J. E. Martelat, O. Lexa, 2012. Crustal influx, indentation, ductile thinning and gravity redistribution in a continental wedge: Building a Moldanubian mantled gneiss dome with underthrust Saxothuringian material (European Variscan belt). <i>Tectonics</i> 31, nr 1. doi:10.1029/2011TC002951. Schulmann, K, Konopásek J, Janousek V, Lexa O, Lardeaux JM, Edel JB, Stípská P, i Ulrich S. 2009. An Andean type Palaeozoic convergence in the Bohemian Massif. <i>Comptes Rendus Geosciences</i> 341, nr 2–3: 266–286.	
18.	Assessment methods for the intended learning outcomes: - written examination K1_W06, K1_U06, K1_U11, K1_U13	
19.	Credit requirements for individual components of the course/module: -written exam (positive result - 50% of total points).	
20.	Total student effort	
	form of student activities	number of hours for the

		implementation of activities
	classes (according to the plan of studies) with a teacher/instructor: - lectures: 33 - consultations: 5 - exam: 2	40
	student's own work (including group-work) such as: - being prepared for classes: 10 - reading the suggested literature: 12 - preparing for exam: 16	38
	Total number of hours	78
	Number of ECTS credits	3