

COURSE/MODULE DESCRIPTION (SYLLABUS)

1.	Course/module Problems of global mineral resources management	
2.	Language of instruction English	
3.	University department Faculty of Earth Science and Environmental Management, Institute of Geological Sciences, Department of Economic Geology	
4.	Course/module code USOS	
5.	Course/module type – mandatory (compulsory) or elective (optional) Elective	
6.	University subject (programme/major) Geologic Engineering	
7.	Degree: (<i>master, bachelor</i>) Master	
8.	Year I	
9.	Semester (<i>autumn, spring</i>) Autumn	
10.	Form of tuition and number of hours Lecture: 12 h Exercises: 18 h Interactive lecture, case study	
11.	Name, Surname, academic title Lecture: prof. dr hab. Andrzej Solecki, dr Piotr Wojtulek Lab classes: prof. dr hab. Andrzej Solecki, dr Piotr Wojtulek	
12.	Initial requirements (knowledge, skills, social competences) regarding the course/module and its completion Basic knowledge of geology of deposits and economy	
13.	Objectives Classes form the basis for further education in the role of raw materials in the world economy and the significance of resource groups at particular stages of civilization development. Exercises are designed to familiarize students with the analysis and search of information on the management of raw materials.	
14.	Learning outcomes P_W01 Knows English-speaking terminology.	Outcome symbols, e.g.: <i>K_W01*</i> , <i>K_U05</i> , <i>K_K03</i> K2_W06

	<p>P_W02 Knows the changing role of raw materials in the world economy.</p> <p>P_U01 Can determine the trends in the exploitation of raw materials.</p> <p>P_U02 Can indicate the leading producers and consumers of particular groups of raw materials.</p> <p>P_K01 Understands the political conditions of resource exploitation.</p> <p>P_K02 Understands the role of raw materials in international conflicts.</p> <p>P_K03 Can critically look at the information provided to him.</p> <p>P_K04 Is aware of the need to expand its knowledge in the field of raw materials management.</p>	<p>K2_W07</p> <p>K2_U01</p> <p>K2_U01</p> <p>K2_K02</p> <p>K2_K02</p> <p>K2_K02</p> <p>K2_K02</p>				
15.	<p>Content</p> <p>Lectures: Raw material management of the world from prehistory to the twenty-first century, Demand for raw materials as a reason for expansion, main resource groups on international markets, International organizations related to the exploitation of raw materials, Main companies exploiting raw materials, geological conditions, price fluctuations; free market or collusion of producers?</p> <p>Exercises: Essays on the historical and current situation on international resource markets</p>					
16.	<p>Recommended literature</p> <p>Evans A.M. 1997: An Introduction to Economic Geology and Its Environmental Impact. p. 396. Gluyas J., Swarbrick R.2004: Petroleum Geoscience Blackwell Publishing World Metal Statistics Yearbook Webpages of USGS and international mineral institutions Wikipedia and links therein</p>					
17.	<p>Methods of verification of learning outcomes: written class reports P_W01, P_W02, P_U02, P_K01, P_K02, P_K04 and written semester essay (individual or team) P_W02, P_U01, P_K03</p>					
18.	<p>Ways of learning credits for the completion of a course /particular component, methods of assessing academic progress:</p> <p>The condition for passing the subject to a satisfactory grade is: Lecture - a positively evaluated semester work (individual or group), Exercises - writing class reports, Grades from lectures and exercises form 30% and 70% of the final grade respectively.</p>					
19.	<p>Student's workload</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="width: 30%;"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Activity</td> <td style="text-align: center;">Average number of hours for the activity</td> </tr> </tbody> </table>				Activity	Average number of hours for the activity
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	Hours of instruction (as stipulated in study programme) : - lecture: 12 - classes: 12 - laboratory: - consultations: 6	38
	student's own work, e.g.: - preparation before class (lecture, etc.): 12 - reading set literature: 12 - writing course report: 13	37
	Hours	75
	Number of ECTS	3