Annex No. 5

to Ordinance No. 21/2019

**COURSE/MODULE SYLLABUS FOR UNIVERSITY COURSES/PhD STUDIES**

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|  | Course/module name in Polish and English  New trends in economic geology/Współczesne problemy geologii gospodarczej | | |
|  | Discipline  Earth and Environmental Science | | |
|  | Language of instruction  English | | |
|  | Teaching unit  Faculty of Earth Science and Environmental Management, Institute of Geological Sciences, Department of Economic Geology | | |
|  | Course/module code  USOS | | |
|  | Type of course/module *(mandatory or optional)*  optional | | |
|  | Field of studies (major, if applicable)  Geology (spec. Applied Geoscience) | | |
|  | Level of higher education *(undergraduate (I cycle), Master’s (II cycle), 5 year uniform Master’s studies)*  Master’s (II cycle) | | |
|  | Year of studies *(if applicable*)  I | | |
|  | Semester *(winter or summer)*  summer | | |
|  | Form of classes and number of hours  Seminar: 20  Teaching methods  Presentation, discussion. | | |
|  | Name, title/degree of the teacher/instructor  Seminar instructor: Prof. dr hab. Andrzej Solecki | | |
|  | Course/module prerequisites, in terms of knowledge, skills, social competences  Basic geological education at B.Sc. level. | | |
|  | Course objectives  Getting acquainted with the current problems of economic geology. | | |
|  | Course content  Types and management of mineral raw materials:  metal lic,  energy,  chemical.  The problem of changes in demand for raw materials during history of civilization. | | |
|  | Intended learning outcomes  P\_W01 Knows the types of deposits which play a major role in the global economy.  P\_W02 knows the terminology of modern economic geology.  P\_U01 Is able to analyze scientific texts describing the problems of economic geology and present conclusions from this analysis.  P\_K01 Understands the need for regular updating of his knowledge of economic geology. | Symbols of learning outcomes for particular fields of studies, *e.g. K\_W01\**, *K\_U05,K\_K03*  K2\_W01, K2\_W03, K2\_W07  K2\_W09  K2\_U02, K2\_U03, K2\_U07  K2\_K06 | |
|  | Required and recommended reading *(sources, studies, manuals, etc.)*  Required reading  open Internet sources especially USGS reports and databases of scientific journals purchased by ING UWr | | |
|  | Assessment methods for the intended learning outcomes:  Oral presentation. K2\_W01, K2\_W03, K2\_W07, K2\_W09, K2\_U02, K2\_U03, K2\_U07, K2\_K06. | | |
|  | Credit requirements for individual components of the course/module:  Seminar:  - oral presentation and presentation delivered in electronic form. | | |
|  | 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:  - seminar: 20  - consultations 5 | | 25 |
| student's own work (including group-work) such as:  - being prepared for classes: 5  - reading the suggested literature: 15  - preparing papers/presentations/projects: 5 | | 25 |
| Total number of hours | | 50 |
| Number of ECTS credits | | 2 |