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  MSc seminar I/Seminarium dyplomowe I | | |
|  | Discipline  Earth and Environmental Science | | |
|  | Language of instruction  English | | |
|  | Teaching unit  Faculty of Earth Science and Environmental Management, Institute of Geological Sciences, Department of General Hydrogeology, Department of Applied Hydrogeology. | | |
|  | Course/module code  USOS | | |
|  | Type of course/module *(mandatory or optional)*  mandatory | | |
|  | 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  Coordinator: Prof. dr hab. Stanisław Staśko, Dr hab. prof. Henryk Marszałek  Seminar instructor: Prof. dr hab. Stanisław Staśko, Dr hab. prof. Henryk Marszałek | | |
|  | Course/module prerequisites, in terms of knowledge, skills, social competences  Knowledge , skills and competence gained during bachelor study. | | |
|  | Course objectives  The aim of the seminar is the acquisition of skills in self development and present in the oral form of the scientific problem related to the theme of the future master's thesis, the acquisition of skills for the formulation of the research to, and how its implementation. The program covers topics related to the scope of the thesis-methodology the preparation work, the planned workshop, regional issues related to the subject, history of previous research, etc. | | |
|  | Course content  Participant in the seminar prepares the oral presentation of the issues associated with the subject of thesis and presents the concept of the thesis. | | |
|  | Intended learning outcomes  P\_W01 Has detailed knowledge of the problem developed, associated with the obtained during his studies, knowledge of current issues, Earth Sciences and modern research methods used in them.  P\_W02 Know the general rules for the planning of research with the use of the techniques and tools used in geology.  P\_W03 Has detailed knowledge of selected disciplines of geological sciences.  P\_U01 It uses scientific geological sciences literature in Polish and English.  P\_U02 Able to critically analyze and make a selection of information in the field of geological sciences.  P\_ U03 Can schedule tasks research under the direction of the guardian of the scientific.  P\_U04 Can present the results of their own work and take scientific discussion with experts from a range of the selected discipline of geological sciences.  P\_K01 Systematically monitors and updates the knowledge of Earth Sciences by reading the scientific journals and special papers. | Symbols of learning outcomes for particular fields of studies, *e.g. K\_W01\**, *K\_U05,K\_K03*  K2\_W03, K2\_W04  K2\_W06  K2\_W08  K2\_U02  K2\_U03  K2\_U04  K2\_K03, K2\_K04  K2\_W06 | |
|  | Required and recommended reading *(sources, studies, manuals, etc.)*  Required reading: As recommended by the supervisor of the master thesis.  Recommended reading: As recommended by the supervisor of the master thesis. | | |
|  | Assessment methods for the intended learning outcomes:  - oral presentation (individual) and participation in the discussion. K2\_W03, K2\_W04, K2\_W06, K2\_W08, K2\_U02, K2\_U03, K2\_U04, K2\_K03, K2\_K04. | | |
|  | Credit requirements for individual components of the course/module:  - positive assessement of an individual presentation given by a student,  - attendance is mandatory. | | |
|  | 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:  - preparation of results: 10  - reading the suggested literature: 15 | | 25 |
| Total number of hours | | 50 |
| Number of ECTS credits | | 2 |