



Subject card

| | | | | | | | |
|---|---|--|--|-------------------------------------|--|------------------------|-----|
| Subject name and code | Mineral Resources, PG_00049200 | | | | | | |
| Field of study | Chemistry | | | | | | |
| Date of commencement of studies | October 2022 | Academic year of realisation of subject | | | 2024/2025 | | |
| Education level | first-cycle studies | Subject group | | | Obligatory subject group in the field of study Subject group related to scientific research in the field of study | | |
| Mode of study | Full-time studies | Mode of delivery | | | at the university | | |
| Year of study | 3 | Language of instruction | | | Polish | | |
| Semester of study | 6 | ECTS credits | | | 2.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Department of Chemistry and Technology of Functional Materials -> Faculty of Chemistry | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | prof. dr hab. Anna Lisowska-Oleksiak | | | | |
| | Teachers | | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 0.0 | 0.0 | 0.0 | 15.0 | 30 |
| | E-learning hours included: 0.0 | | | | | | |
| Learning activity and number of study hours | Learning activity | Participation in didactic classes included in study plan | | Participation in consultation hours | | Self-study | SUM |
| | Number of study hours | 30 | | 5.0 | | 15.0 | 50 |
| Subject objectives | The aim of the Subject " Mineral Resources" is to give basic information about mineralogy, petrography and mineral processing. | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | | Method of verification | |
| | K6_W02 | | | | | | |
| | [K6_U05] can, on the basis of the collected experimental or source material, prepare an oral communication with a multimedia presentation | | | | | | |
| Subject contents | Not specified | | | | | | |
| Prerequisites and co-requisites | | | | | | | |
| Assessment methods and criteria | Subject passing criteria | | Passing threshold | | Percentage of the final grade | | |
| | Presentation on seminar | | 51.0% | | 50.0% | | |
| | test (written) on lecture course | | 51.0% | | 50.0% | | |
| Recommended reading | Basic literature | | Bolewski A., Manecki A., Mineralogia szczegółowa, Wyd. Polskiej Agencji Ekologicznej, Warszawa, 1993, Manecki, Andrzej Encyklopedia minerałów, 2004; Bolewski, Andrzej, Kubisz, Jan, Żabiński - Mineralogia ogólna; 1975; E. Liber-Madzirz, B. Teisseyre, Mineralogia I petrografia, Oficyna Wydawnicza Wrocław 2000; .Willer Joanna, Pacholewska Małgorzata, Agnieszka Fornalczyk, Mariola Saternus Wprowadzenie do hydrometalurgii i biometalurgii metali nieżelaznych Wydawnictwo Politechniki Śląskiej, Gliwice 2015. Internet: http://webmineral.com http://http://surowce-mineralne.pgi.gov.pl/index.htm | | | | |
| | Supplementary literature | | Jan Drzymała, Podstawy mineralurgii, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław 2009 | | | | |
| | eResources addresses | | | | | | |

| | |
|--|---|
| Example issues/ example questions/ tasks being completed | <ol style="list-style-type: none">1. Main and characterised geological processes responsible for rocks formation.2. Describe Bowen's reaction series3. Describe economic importance of sulfide minerals on choices example.4. Give examples of diadochy. |
| Work placement | Not applicable |