

## Subject card

|                                             |                                                                                                                                                                                                                                                                                                              |                                                          |                                         |                                     |                                                                          |            |     |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|--------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | Undergraduate seminary I, PG_00159343                                                                                                                                                                                                                                                                        |                                                          |                                         |                                     |                                                                          |            |     |
| Field of study                              | Geology                                                                                                                                                                                                                                                                                                      |                                                          |                                         |                                     |                                                                          |            |     |
| Date of commencement of studies             | October 2025                                                                                                                                                                                                                                                                                                 |                                                          | Academic year of realisation of subject |                                     | 2027/2028                                                                |            |     |
| Education level                             | Bachelor's studies                                                                                                                                                                                                                                                                                           |                                                          | Subject group                           |                                     | Obligatory subject group in the field of study<br>Optional subject group |            |     |
| Mode of study                               | full-time studies                                                                                                                                                                                                                                                                                            |                                                          | Mode of delivery                        |                                     | at the university                                                        |            |     |
| Year of study                               | 3                                                                                                                                                                                                                                                                                                            |                                                          | Language of instruction                 |                                     | Polish                                                                   |            |     |
| Semester of study                           | 5                                                                                                                                                                                                                                                                                                            |                                                          | ECTS credits                            |                                     | 2.0                                                                      |            |     |
| Learning profile                            | academic                                                                                                                                                                                                                                                                                                     |                                                          | Assessment form                         |                                     | credit                                                                   |            |     |
| Conducting unit                             | Laboratory of Marine Geology -> Department of Chemical Oceanography and Marine Geology -> Faculty of Oceanography and Geography -> Rector                                                                                                                                                                    |                                                          |                                         |                                     |                                                                          |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                                                                                                                           |                                                          | dr Agnieszka Kubowicz                   |                                     |                                                                          |            |     |
|                                             | Teachers                                                                                                                                                                                                                                                                                                     |                                                          |                                         |                                     |                                                                          |            |     |
| Lesson types                                | Lesson type                                                                                                                                                                                                                                                                                                  | Lecture                                                  | Tutorial                                | Laboratory                          | Project                                                                  | Seminar    | SUM |
|                                             | Number of study hours                                                                                                                                                                                                                                                                                        | 0.0                                                      | 0.0                                     | 0.0                                 | 0.0                                                                      | 15.0       | 15  |
|                                             | 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                                                                                                                                                                                                                                                                                        | 15                                                       |                                         | 10.0                                |                                                                          | 25.0       | 50  |
| Subject objectives                          | The aim of the course is to support the student in the independent deepening of knowledge in the field of geology, to improve the ability to present the results of independent work, to speak in a discussion using specialised scientific language and to prepare the student for the diploma examination. |                                                          |                                         |                                     |                                                                          |            |     |

| Learning outcomes               | Course outcome                                                                                                                                                                                                                                                                                                                                                         | Subject outcome                                                                                                                                                                             | Method of verification                                                                                                                             |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | [GEOLL3_W01] knows and understands the basic natural phenomena and explains their course in relation to geological processes                                                                                                                                                                                                                                           | knows and understands basic natural phenomena and explains their course in relation to endogenous and exogenous processes                                                                   | [SW1] oral statement/conversation/discussion<br>[SW2] presentation/project/paper/report                                                            |
|                                 | [GEOLL3_K04] is ready for self-criticism and drawing conclusions based on self-analysis; is willing to behave in compliance with professional ethics                                                                                                                                                                                                                   | is prepared to be self-critical and to draw conclusions on the basis of self-analysis and the comments of the instructor, acting in accordance with the ethics of the geological profession | [SK1] oral statement/conversation/discussion<br>[SK2] presentation/project/paper/report                                                            |
|                                 | [GEOLL3_U03] is able to use source information in Polish and English, including archival and electronic databases, in the field of geological issues                                                                                                                                                                                                                   | is able to use source information, in Polish and English, including archival and electronic databases, on geological issues dealt and discussed                                             | [SU1] oral statement/conversation/discussion<br>[SU2] presentation/project/paper/report                                                            |
|                                 | [GEOLL3_W02] knows and understands the terminology appropriate in science and natural sciences                                                                                                                                                                                                                                                                         | knows and understands terminology specific to geological sciences                                                                                                                           | [SW1] oral statement/conversation/discussion<br>[SW2] presentation/project/paper/report                                                            |
|                                 | [GEOLL3_U08] is able to write, report and properly illustrate scientific work in Polish and English on the basis of available sources on a selected topic in the field of geological issues                                                                                                                                                                            | can present geological issues based on available sources                                                                                                                                    | [SU1] oral statement/conversation/discussion<br>[SU2] presentation/project/paper/report                                                            |
|                                 | [GEOLL3_W04] knows and understands phenomena and processes occurring in the past and today in the interior of the Earth and on its surface, defines the methods of how to study them                                                                                                                                                                                   | knows and understands endo- and exogenous phenomena and processes occurring in the past and at present in the Earth's interior and on its surface, defines the methods of their exploration | [SW1] oral statement/conversation/discussion<br>[SW2] presentation/project/paper/report                                                            |
|                                 | [GEOLL3_K01] is willing to plan and implement, individually or as a team, the next stages of the entrusted task, take responsibility for its results, effectively cooperate in the team by performing various roles in it                                                                                                                                              | is prepared to plan geological surveys conducted individually or in teams                                                                                                                   | [SK1] oral statement/conversation/discussion<br>[SK2] presentation/project/paper/report<br>[SK8] observation of student's independent or team work |
|                                 | [GEOLL3_U11] can strive to systematically expand and update geological knowledge and raise professional qualifications                                                                                                                                                                                                                                                 | is able to systematically develop and update his/her knowledge and improve professional qualifications in the field of geology                                                              | [SU1] oral statement/conversation/discussion<br>[SU2] presentation/project/paper/report                                                            |
|                                 | [GEOLL3_K02] is willing to take full responsibility in the field of actions taken and to comply with the principles of professional ethics and intellectual honesty, is aware of the importance of a professional approach in every situation                                                                                                                          | is prepared to respect the principles of intellectual honesty, is aware of the importance of a professional approach in all situations                                                      | [SK1] oral statement/conversation/discussion<br>[SK2] presentation/project/paper/report<br>[SK8] observation of student's independent or team work |
|                                 | [GEOLL3_K03] is willing to exercise caution and criticism in receiving information from scientific literature, the Internet and other media related to natural sciences                                                                                                                                                                                                | is prepared to be cautious and critical in accepting information from scientific literature, the internet and other media relating to the geological sciences                               | [SK1] oral statement/conversation/discussion<br>[SK2] presentation/project/paper/report                                                            |
| Subject contents                | <p>Presentation and discussion of issues concerning a selected geological problem in the field of:</p> <p>a. endo- and exogenous processes,</p> <p>b. evolution of the Earth and organic life,</p> <p>c. geological determinants of human activity.</p> <p>Practical use of literature sources, internet and other media using specialised geological terminology.</p> |                                                                                                                                                                                             |                                                                                                                                                    |
| Prerequisites and co-requisites |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                    |

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|----------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|
| Assessment methods and criteria                                | Subject passing criteria                           | Passing threshold                                                                             | Percentage of the final grade |
|                                                                | oral presentation                                  | 51.0%                                                                                         | 75.0%                         |
|                                                                | participation in discussions                       | 51.0%                                                                                         | 25.0%                         |
| Recommended reading                                            | Basic literature                                   | textbooks and scientific articles in Polish and English in the field of the issues dealt with |                               |
|                                                                | Supplementary literature                           | textbooks and scientific articles in Polish and English in the field of the issues dealt with |                               |
|                                                                | eResources addresses                               |                                                                                               |                               |
| Example issues/<br>example questions/<br>tasks being completed | Topics for the diploma exam will be given in class |                                                                                               |                               |
| Work placement                                                 | Not applicable                                     |                                                                                               |                               |

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