

Subject card

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|--|---|--|--------------------|-------------------------------------|--|------------|-----|
| Subject name and code | Marine Sozology- auditory classes, PG_00206169 | | | | | | |
| Field of study | Oceanography | | | | | | |
| Date of commencement of studies | October 2026 | Academic year of realisation of subject | | | 2028/2029 | | |
| Education level | Bachelor's studies | Subject group | | | Obligatory subject group in the field of study Optional subject group 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 | 5 | ECTS credits | | | 1.0 | | |
| Learning profile | academic | Assessment form | | | credit | | |
| Conducting unit | Laboratory of Marine Biotechnology -> Department of Marine Biology and Biotechnology -> Faculty of Oceanography and Geography -> Rector | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr Agata Błaszczyk | | | | |
| | Teachers | | | | | | |
| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 15.0 | 0.0 | 0.0 | 0.0 | 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 | | 1.0 | | 9.0 | 25 |
| Subject objectives | Introduction of the student to the types of pollution and the associated threats to marine ecosystems. Understanding the impact of land-based pollution on the marine environment through case study analysis. | | | | | | |

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| Learning outcomes | Course outcome | Subject outcome | Method of verification |
| | [OCEANL3-W06] has an advanced understanding of the principles of managing the marine environment and its resources, as well as the consequences of disrupting the balance of marine ecosystems | K_W06 - student knows and understands the basic principles of management of the marine environment and its resources, following by the idea of sustainable development; knows the threats and consequences of disturbing the balance of marine ecosystems, especially in coastal areas [A1]. | [SW4] test/exam - oral or written |
| | [OCEANL3-K03] is ready to exercise caution and criticism in accepting information from scientific literature, the Internet and other media relating to natural sciences | K_K03 - student is ready to be circumspect and critical in accepting information from scientific literature, the Internet and other media, relating to marine environmental sciences [A1, A2]. | [SK4] test/exam - oral or written |
| | [OCEANL3-U04] is able to independently search for information in Polish and foreign specialist literature, as well as on the Internet and in databases | K_U04 - student can individually search for information in Polish and English-language specialist literature in the field of zoology, as well as in the Internet and databases including, among others, monitoring of marine ecosystems [A1, A2]. | [SU4] test/exam - oral or written |
| | [OCEANL3-U06] is able to formulate and solve advanced problems related to the functioning of individual components of the marine environment, using knowledge from various fields and scientific disciplines | K_U06 - student is capable of defining basic relationships between components of the marine environment, combining knowledge from such fields as ecology, toxicology, chemistry [A1]. | [SU4] test/exam - oral or written |
| Subject contents | 1. Current problems of marine environmental protection - case studies:- pollution of the seas by plastic waste- protection of the seas from oil spills 2 Conventions for the protection of the marine environment. | | |
| Prerequisites and co-requisites | | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | Test | 51.0% | 100.0% |
| Recommended reading | Basic literature | 1. HELCOM, Baltic Sea Environment Proceedings 2. strona internetowa: www.helcom.fi 3. bieżące raporty dotyczące stanu środowiska Morza Bałtyckiego 4. Bałtyk Południowy, Charakterystyka wybranych elementów środowiska, Instytut Meteorologii i Gospodarki Wodnej, Państwowy Instytut Badawczy, Warszawa, bieżące wydania. | |
| | Supplementary literature | - | |
| | eResources addresses | | |
| Example issues/ example questions/ tasks being completed | | | |
| Work placement | Not applicable | | |

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