

Subject card

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|--|---|---|--|--|----------------|---|------------|
| Subject name and code | Nature Conservation - lecture, PG_00201416 | | | | | | |
| Field of study | Water Management and Protection of Water Resources | | | | | | |
| Date of commencement of studies | October 2026 | | Academic year of realisation of subject | | | 2026/2027 | |
| Education level | Bachelor's studies | | Subject group | | | Obligatory subject group in the field of study Subject group related to practical vocational preparation | |
| Mode of study | full-time studies | | Mode of delivery | | | at the university | |
| Year of study | 1 | | Language of instruction | | | Polish | |
| Semester of study | 2 | | ECTS credits | | | 1.0 | |
| Learning profile | practical | | Assessment form | | | credit | |
| Conducting unit | Laboratory of Biodiversity and Benthic Functioning -> Department of Marine Ecology -> Faculty of Oceanography and Geography -> Rector | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr hab. Urszula Janas | | | | |
| | Teachers | | | | | | |
| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 0.0 | 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 | Familiarize students with nature conservation issues: the value of maintaining balance in aquatic ecosystems, threats and ways to nature protection | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | | Method of verification | |
| | [GWOZWL3-W03] The student has an advanced knowledge and understanding of the organisation and legal framework of environmental protection, nature conservation and water management, as well as the principles governing the organisation and operation of hydrological and meteorological services and the fundamentals of Integrated Environmental Monitoring. | | He or she knows and understands the organization and legislative basis of nature conservation | | | [SW4] test/exam - oral or written | |
| | [GWOZWL3-W05] The student has advanced knowledge and understanding of assumptions of the ecosystem approach to management of the environment and human activities in the environment as well as the development directions in the field of applied solutions and scientific research for the protection and restoration of water resources in selected divisions of the national economy. | | He or she knows and understands the assumptions of the ecosystem approach, as well as the directions of development in applied solutions and scientific research for nature conservation | | | [SW4] test/exam - oral or written | |

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| Subject contents | <p>Values of preserving and/or restoring balance in aquatic ecosystems: lakes, rivers, wetlands and the Baltic Sea; discussion of selected aquatic areas of greatest biological value; Rare species, endangered species, keystone species, protected species; Threats to biodiversity of aquatic ecosystems, among others: habitat transformation, destruction and fragmentation, alien species, eutrophication, global change; Forms of nature protection: conservation and active protection, systems of protected areas, national regulations, international agreements on nature protection of aquatic ecosystems</p> | | |
| Prerequisites and co-requisites | | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | Written credit with open questions | 51.0% | 100.0% |
| Recommended reading | Basic literature | Gaston K.J., Spicer J. I., 2008. Biodiversity: An Introduction. 6th Edition. Blackwell Publishing | |
| | Supplementary literature | www.natura2000.gdos.gov.pl | |
| | eResources addresses | | |
| Example issues/ example questions/ tasks being completed | | | |
| Work placement | Not applicable | | |

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