University of Gdańsk

Subject card

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| Subject name and code | Environmental Formation and Protection - lecture, PG_00193839 | | |
| Field of study | Geography | | |
| Date of commencement of studies | October 2026 | Academic year of realisation of subject | 2027/2028 |
| Education level | Bachelor's studies | Subject group | Obligatory subject group in the field of study<br>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 | 2 | Language of instruction | Polish |
| Semester of study | 4 | ECTS credits | 2.0 |
| Learning profile | academic | Assessment form | exam |
| Conducting unit | Division of Landscape and Environmental Studies -> Institute of Socio-Economic Geography and Spatial Management -> Faculty of Social Sciences -> Rector | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr Sylwia Horska-Schwarz | |
| | Teachers | | |

| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
|---|---|---|---|---|---|---|---|
| | Number of study hours | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 1.0 | 19.0 | 50 |

| Subject objectives | |
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| | 1 - knowledge of the legal, organizational, natural and functional conditions of environmental protection;2 - detailed knowledge of the legal forms of nature and environmental protection and the ability to apply them in resource protection;3 - cognition of environmental protection bodies and their powers;4 - cognition of the principles of formation and use of space under conditions of sustainable development;5 - cognition of basic natural processes as the basis of economy and environmental protection;6 - getting to know the determinants of environmental functioning;7 - learning about basic terrestrial ecosystems and their importance for environmental functioning and human management;8 - learning about threats to the environment and tools to counteract them, as well as the principles of reclamation and revaluation of environmental resources;9 - mastering environmental terminology and its application to spatial policy and environmental protection;10 - mastering the ability to assess and predict natural processes, threats and impacts on the environment of human lifeTranslated with DeepL.com (free version) |

**Learning outcomes**

| Course outcome | Subject outcome | Method of verification |
|---|---|---|
| [GEOGRL3-U02] can use theoretical knowledge in the field of geography and available sources of information to correctly interpret basic natural, social, economic, and political processes and phenomena | | |
| [GEOGRL3-U01] can dentify and analyze basic natural and socio-economic processes and phenomena, analyze their causes and course, and formulate and discuss basic issues concerning physical-geographical conditions and the social, economic, and political situation and their changes on various spatial scales | | |
| [GEOGRL3-W05] knows the interactions between the natural and anthropogenic environments on various spatial and temporal scales, with particular emphasis on the processes and phenomena occurring in the area of the South Baltic Coast and Lake District and the conditions of these interactions | | |
| [GEOGRL3-W04] has advanced knowledge of the Earth's geographical environment, understood as a unified system of interconnected and interacting components; its diversity, functioning, and dynamics of change, including the interaction of environmental components in the area of the South Baltic Coast and Lake District | | |

**Subject contents**

A. Problems of the lectureA.1 - environment as a system - basic concepts, geocomponents, environment as an object of protection,A.2 - history of environmental protection,A.3 - acts and legal forms of environmental protection and administrative bodies and their competences,A.4 - European policy on environmental protection,A.5 - opportunities and limitations in the use of environmental resources,A.6 - threats and forms of degradation of environmental resources in Europe (EEA Reports),A.7 - methods and opportunities to counteract environmental threats and degradation,A.8 - spatial policy and environmental protection in spatial planning,A. 9 - biodiversity, its protection and importance,A.10 - functions and importance of selected natural ecosystems,A. 11 - sustainable development - idea and practice;A.12 - protection of ecological connectivity - ecological corridors and animal passages,A.13 - protection, status and threats to the environment in the Pomeranian province.

**Prerequisites and co-requisites**

no

**Assessment methods and criteria**

| Subject passing criteria | Passing threshold | Percentage of the final grade |
|---|---|---|
| exam | 51.0% | 100.0% |

**Recommended reading**

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| Basic literature | - Czochański J.T., Wiśniewski P., 2018: River valleys as ecological corridors structure, function and importance in the conservation of natural resources. Ecological Questions, 29(1), 7787. |

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| | Supplementary literature | - Bartkowski T., 1981, Kształtowanie i ochrona środowiska, PWN, Warszawa-Poznań.<br><br>- Sołowiej D., 1992, Podstawy metodyki oceny środowiska przyrodniczego człowieka, Wyd. Nauk. UAM, Poznań,<br><br>- Studia przyrodniczo-krajobrazowe województwa pomorskiego, Pomorskie Studia Regionalne, 2006, UMWP, Gdańsk,<br><br>- Wiśniewski P., Wojtasik M., 2006: Problemy środowiskowe składowiska odpadów komunalnych w Rozwarzynie k. Nakła, Ekologia i Technika, vol. XIV, nr 2, 70-76.<br><br>- Wiśniewski P., Loranc-Wiśniewska L., Wojtasik M., 2008: Finansowanie ochrony środowiska na przykładzie Banku Ochrony Środowiska S.A. Oddział w Bydgoszczy, Ekologia i Technika, vol. XVI, nr 5, 248-250.<br><br>- Wiśniewski P., 2014: Powiatowe programy ochrony środowiska w kontekście zarządzania przeciwerozyjną ochroną gleb na przykładzie województwa kujawsko-pomorskiego. Woda-Środowisko-Obszary Wiejskie, t. 14, z. 2(46), 141-153.<br><br>- Wiśniewski P., Wojtasik M., 2014: Wpływ erozji gleb na fizjonomię krajobrazu. Ekologia i Technika, 6 (133), 346-351.<br><br>- Wiśniewski P., 2015: Problematyka ochrony gleb przed erozją w gminnych programach ochrony środowiska. Inżynieria i Ochrona Środowiska, t. 18, nr 3, 311-322. |
| | eResources addresses | |
| Example issues/ example questions/ tasks being completed | | |
| Work placement | Not applicable | |

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