

## Subject card

|                                             |                                                                                                                                                         |                                                          |                                         |                                     |                                                                                   |            |     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | Socio-economic aspects of water management - lecture, PG_00091486                                                                                       |                                                          |                                         |                                     |                                                                                   |            |     |
| Field of study                              | Water Management and Protection of Water Resources                                                                                                      |                                                          |                                         |                                     |                                                                                   |            |     |
| Date of commencement of studies             | October 2025                                                                                                                                            |                                                          | Academic year of realisation of subject |                                     | 2026/2027                                                                         |            |     |
| Education level                             | Bachelor's studies                                                                                                                                      |                                                          | Subject group                           |                                     | Obligatory subject group in the field of study<br>Humanistic-social subject group |            |     |
| Mode of study                               | full-time studies                                                                                                                                       |                                                          | Mode of delivery                        |                                     | at the university                                                                 |            |     |
| Year of study                               | 2                                                                                                                                                       |                                                          | Language of instruction                 |                                     | Polish                                                                            |            |     |
| Semester of study                           | 3                                                                                                                                                       |                                                          | ECTS credits                            |                                     | 2.0                                                                               |            |     |
| Learning profile                            | practical                                                                                                                                               |                                                          | 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                                                       |                                         | 12.0                                |                                                                                   | 15.0       | 57  |
| Subject objectives                          |                                                                                                                                                         |                                                          |                                         |                                     |                                                                                   |            |     |

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| Learning outcomes                                              | Course outcome                                                                                                                                                                                                                                                                                                                                                                                                                                            | Subject outcome   | Method of verification        |
|                                                                | [GWOZWL3-K04] maintaining a critical attitude in accepting information from various sources relating to issues in the field of water management                                                                                                                                                                                                                                                                                                           |                   |                               |
|                                                                | [GWOZWL3-W02] the importance of knowledge in the sciences allowing to understand the processes and phenomena occurring in the hydrosphere, as well as knowledge of the social sciences and of the Earth's geographic environment - as a system of interrelated and interacting components                                                                                                                                                                 |                   |                               |
|                                                                | [GWOZWL3-W04] research techniques, methods and tools currently used in water management and protection of water resources both in the field of natural sciences and social sciences, including basic statistical and information technology tools that make it possible to describe, model and interpret data on phenomena and processes occurring in the aquatic environment, as well as tools for describing relationships in social-ecological systems |                   |                               |
|                                                                | [GWOZWL3-W05] 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                                                                                                                          |                   |                               |
| Subject contents                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                               |
| Prerequisites and co-requisites                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                               |
| Assessment methods and criteria                                | Subject passing criteria                                                                                                                                                                                                                                                                                                                                                                                                                                  | Passing threshold | Percentage of the final grade |
|                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.0%              | 0.0%                          |
| Recommended reading                                            | Basic literature                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                               |
|                                                                | Supplementary literature                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                               |
|                                                                | eResources addresses                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                               |
| Example issues/<br>example questions/<br>tasks being completed |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                               |
| Work placement                                                 | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                               |

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