



## Subject card

|   |   |  |  |                                     |  |            |     |
|---|---|--|--|-------------------------------------|--|------------|-----|
| Subject name and code                       | Diploma/Final Dissertation, PG_00049427   |  |  |                                     |  |            |     |
| Field of study                              | Environmental Engineering   |  |  |                                     |  |            |     |
| Date of commencement of studies             | October 2021  |  | Academic year of realisation of subject  |                                     | 2024/2025  |            |     |
| Education level                             | first-cycle studies   |  | Subject group  |                                     |  |            |     |
| Mode of study                               | Full-time studies   |  | Mode of delivery   |                                     | at the university  |            |     |
| Year of study                               | 4   |  | Language of instruction  |                                     | Polish   |            |     |
| Semester of study                           | 7   |  | ECTS credits   |                                     | 17.0   |            |     |
| Learning profile                            | general academic profile  |  | Assessment form  |                                     | assessment   |            |     |
| Conducting unit                             | Department of Sanitary Engineering -> Faculty of Civil and Environmental Engineering  |  |  |                                     |  |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor  |  | dr inż. Arkadiusz Ostojski   |                                     |  |            |     |
|   | Teachers  |  |  |                                     |  |            |     |
| Lesson types and methods of instruction     | Lesson type   | Lecture  | Tutorial   | Laboratory                          | Project  | Seminar    | SUM |
|   | Number of study hours   | 0.0  | 0.0  | 0.0                                 | 0.0  | 0.0        | 0   |
|   | 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   | 0  |  | 25.0                                |  | 400.0      | 425 |
| Subject objectives                          | The aim of the course is to prepare an engineering thesis - a project, a review or a research problem, depending on the diploma profiles offered.   |  |  |                                     |  |            |     |
| Learning outcomes                           | Course outcome  |  | Subject outcome  |                                     | Method of verification   |            |     |
|   | [K6_W18] has a structured and in-depth knowledge of environmental engineering as part of the diploma profiles offered   |  | Students use the knowledge acquired in the course of their studies to solve an engineering task. During the process of work implementation, knowledge in the field of work is consolidated and expanded. |                                     | [SW3] Assessment of knowledge contained in written work and projects   |            |     |
|   | [K6_U01] has the ability to self-education, can obtain information from literature, databases and other sources, uses information technology, Internet resources; can integrate the obtained information, make their interpretation, as well as draw conclusions and formulate and justify opinions |  | Students can find and correctly use sources of information, pertaining to the area problematic diploma thesis.   |                                     | [SU2] Assessment of ability to analyse information<br>[SU5] Assessment of ability to present the results of task   |            |     |
|   | [K6_U16] can, when formulating and solving engineering tasks in environmental engineering, evaluate, select and apply appropriate methods and tools, recognize their non-technical aspects, including environmental, economic and legal aspects   |  | Students carry out a sanitary industry project on their own (under the supervision of a work supervisor), using the knowledge acquired during their studies.   |                                     | [SU4] Assessment of ability to use methods and tools<br>[SU5] Assessment of ability to present the results of task |            |     |
| Subject contents                            | Definition of the problem. Solution of engineering tasks utilizing the actual general and technical knowledge. Use of modern engineering tools including computational techniques for solving engineering problems. Presentation of the results. Formulation of conclusions.                        |  |  |                                     |  |            |     |
| Prerequisites and co-requisites             | Knowledge and abilities achieved during the studies.  |  |  |                                     |  |            |     |
| Assessment methods and criteria             | Subject passing criteria  |  | Passing threshold  |                                     | Percentage of the final grade  |            |     |
|   | thesis  |  | 60.0%  |                                     | 100.0%   |            |     |
| Recommended reading                         | Basic literature  |  | Literature, scientific papers, www pages - relevant to the subject of a thesis.  |                                     |  |            |     |

|  |                          |                                  |
|--|--------------------------|----------------------------------|
|  | Supplementary literature | No requirements.                 |
|  | eResources addresses     | Adresy na platformie eNauczanie: |
| Example issues/<br>example questions/<br>tasks being completed |                          |                                  |
| Work placement   | Not applicable           |                                  |

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