



## Subject card

|   |  |   |                                     |            |  |         |     |
|---|--|---|-------------------------------------|------------|--|---------|-----|
| Subject name and code                       | Engineering Project, PG_00050180   |   |                                     |            |  |         |     |
| Field of study                              | Engineering Management   |   |                                     |            |  |         |     |
| Date of commencement of studies             | October 2020   | Academic year of realisation of subject   |                                     |            | 2023/2024  |         |     |
| Education level                             | first-cycle studies  | Subject group   |                                     |            | Optional subject group<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                               | 4  | Language of instruction   |                                     |            | Polish   |         |     |
| Semester of study                           | 7  | ECTS credits  |                                     |            | 14.0   |         |     |
| Learning profile                            | general academic profile   | Assessment form   |                                     |            | assessment   |         |     |
| Conducting unit                             | Department of Management -> Faculty of Management and Economics  |   |                                     |            |  |         |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor   | dr inż. Marzena Grzesiak  |                                     |            |  |         |     |
|   | 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   | 24.0                                |            | 326.0  | 350     |     |
| Subject objectives                          | Preparation of an engineering project in accordance with the adopted assumptions.  |   |                                     |            |  |         |     |
| Learning outcomes                           | Course outcome   | Subject outcome   |                                     |            | Method of verification   |         |     |
|   | [K6_W81] has knowledge of grammatical structures and lexical resources needed to communicate in foreign language in terms of general and specialist language related to field of study | The student speaks a foreign language to the degree that enables preparing an engineering project presentation in a culturally diverse group. |                                     |            | [SW2] Assessment of knowledge contained in presentation  |         |     |
|   | [K6_U13] can improve oneself through the systematic acquisition of knowledge and skills  | The student can independently find and acquire knowledge and skills necessary to implement an engineering project.                            |                                     |            | [SU2] Assessment of ability to analyse information<br>[SU3] Assessment of ability to use knowledge gained from the subject |         |     |
|   | [K6_U10] uses tools to measure and improve technical solutions concerning: devices, objects, systems, processes, products and services   | The student is able to use the tools appropriate to the implementation of an engineering project.   |                                     |            | [SU1] Assessment of task fulfilment<br>[SU4] Assessment of ability to use methods and tools                                |         |     |
| Subject contents                            | Selection of the method of solving the problem.<br><br>Solving the problem and interpreting the results.<br><br>Conclusions confirming the solution of the problem.                    |   |                                     |            |  |         |     |
| Prerequisites and co-requisites             |  |   |                                     |            |  |         |     |
| Assessment methods and criteria             | Subject passing criteria   | Passing threshold   |                                     |            | Percentage of the final grade  |         |     |
|   | finalized engineering project  | 51.0%   |                                     |            | 100.0%   |         |     |
| Recommended reading                         | Basic literature   | Literature agreed with the supervisor.  |                                     |            |  |         |     |
|   | Supplementary literature   |   |                                     |            |  |         |     |

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|  | eResources addresses                          | Adresy na platformie eNauczenie:<br>SEMINARIUM DYPLOMOWE 23/24 - zima - Moodle ID: 33984<br><a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=33984">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=33984</a> |
| Example issues/<br>example questions/<br>tasks being completed | Present a solution to the identified problem. |   |
| Work placement   | Not applicable                                |   |