



## Subject card

|                                             |                                                                                                                                                                                                                 |                                                          |                                         |                                     |                                                                                                                      |            |     |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | , PG_00069817                                                                                                                                                                                                   |                                                          |                                         |                                     |                                                                                                                      |            |     |
| Field of study                              | Transport                                                                                                                                                                                                       |                                                          |                                         |                                     |                                                                                                                      |            |     |
| Date of commencement of studies             | February 2026                                                                                                                                                                                                   |                                                          | Academic year of realisation of subject |                                     | 2026/2027                                                                                                            |            |     |
| Education level                             | second-cycle studies                                                                                                                                                                                            |                                                          | Subject group                           |                                     |                                                                                                                      |            |     |
| 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                            |                                     | 2.0                                                                                                                  |            |     |
| Learning profile                            | general academic profile                                                                                                                                                                                        |                                                          | Assessment form                         |                                     | assessment                                                                                                           |            |     |
| Conducting unit                             | Department of Building Engineering -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology                                                                            |                                                          |                                         |                                     |                                                                                                                      |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                              |                                                          | dr inż. Marcin Szczepański              |                                     |                                                                                                                      |            |     |
|                                             | Teachers                                                                                                                                                                                                        |                                                          |                                         |                                     |                                                                                                                      |            |     |
| Lesson types                                | Lesson type                                                                                                                                                                                                     | Lecture                                                  | Tutorial                                | Laboratory                          | Project                                                                                                              | Seminar    | SUM |
|                                             | Number of study hours                                                                                                                                                                                           | 15.0                                                     | 15.0                                    | 0.0                                 | 0.0                                                                                                                  | 0.0        | 30  |
|                                             | E-learning hours included: 0.0                                                                                                                                                                                  |                                                          |                                         |                                     |                                                                                                                      |            |     |
|                                             | eNauczanie source address: <a href="https://enauczenie.pg.edu.pl/moodle/course/view.php?id=47025">https://enauczenie.pg.edu.pl/moodle/course/view.php?id=47025</a>                                              |                                                          |                                         |                                     |                                                                                                                      |            |     |
| 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                                                       |                                         | 0.0                                 |                                                                                                                      | 0.0        | 30  |
| Subject objectives                          | -                                                                                                                                                                                                               |                                                          |                                         |                                     |                                                                                                                      |            |     |
| Learning outcomes                           | Course outcome                                                                                                                                                                                                  |                                                          | Subject outcome                         |                                     | Method of verification                                                                                               |            |     |
|                                             | [K7_W01] identifies in an in-depth way phenomena related to the field of study as well as theories describing them and possible methods of analyzing processes occurring in the life cycle of technical systems |                                                          | -                                       |                                     | [SW1] Assessment of factual knowledge                                                                                |            |     |
|                                             | [K7_K01] recognizes the importance of knowledge related to the field of study in solving cognitive and practical problems                                                                                       |                                                          | -                                       |                                     | [SK5] Assessment of ability to solve problems that arise in practice<br>[SK3] Assessment of ability to organize work |            |     |
|                                             | [K7_U05] cooperates with other people in the implementation of team work, both as a leader and a team member, effectively achieving set goals                                                                   |                                                          | -                                       |                                     | [SU3] Assessment of ability to use knowledge gained from the subject<br>[SU1] Assessment of task fulfilment          |            |     |
| Subject contents                            | Course content – lecture<br>-<br>Course content – exercises<br>-                                                                                                                                                |                                                          |                                         |                                     |                                                                                                                      |            |     |
| Prerequisites and co-requisites             | -                                                                                                                                                                                                               |                                                          |                                         |                                     |                                                                                                                      |            |     |
| Assessment methods and criteria             | Subject passing criteria                                                                                                                                                                                        |                                                          | Passing threshold                       |                                     | Percentage of the final grade                                                                                        |            |     |
|                                             | -                                                                                                                                                                                                               |                                                          | 60.0%                                   |                                     | 100.0%                                                                                                               |            |     |
| Recommended reading                         | Basic literature                                                                                                                                                                                                |                                                          | -                                       |                                     |                                                                                                                      |            |     |
|                                             | Supplementary literature                                                                                                                                                                                        |                                                          | -                                       |                                     |                                                                                                                      |            |     |
|                                             | eResources addresses                                                                                                                                                                                            |                                                          |                                         |                                     |                                                                                                                      |            |     |

|                                                                |                |
|----------------------------------------------------------------|----------------|
| Example issues/<br>example questions/<br>tasks being completed | -              |
| Practical activities within<br>the subject                     | Not applicable |

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