



## Subject card

|                                             |                                                                                                                                                                                                    |                                                          |                                                                                                                                         |                                     |                                                                                                                      |            |     |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | Methodology of scientific work, PG_00071557                                                                                                                                                        |                                                          |                                                                                                                                         |                                     |                                                                                                                      |            |     |
| Field of study                              | Architecture                                                                                                                                                                                       |                                                          |                                                                                                                                         |                                     |                                                                                                                      |            |     |
| Date of commencement of studies             | October 2026                                                                                                                                                                                       |                                                          | Academic year of realisation of subject                                                                                                 |                                     | 2026/2027                                                                                                            |            |     |
| Education level                             | second-cycle 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                               | 1                                                                                                                                                                                                  |                                                          | Language of instruction                                                                                                                 |                                     | English                                                                                                              |            |     |
| Semester of study                           | 1                                                                                                                                                                                                  |                                                          | ECTS credits                                                                                                                            |                                     | 1.0                                                                                                                  |            |     |
| Learning profile                            | general academic profile                                                                                                                                                                           |                                                          | Assessment form                                                                                                                         |                                     | assessment                                                                                                           |            |     |
| Conducting unit                             | Department of History of Architecture and Conservation of Monuments -> Faculty of Architecture -> Faculties of Gdańsk University of Technology                                                     |                                                          |                                                                                                                                         |                                     |                                                                                                                      |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                 |                                                          | dr inż. arch. Anna Orchowska                                                                                                            |                                     |                                                                                                                      |            |     |
|                                             | Teachers                                                                                                                                                                                           |                                                          |                                                                                                                                         |                                     |                                                                                                                      |            |     |
| Lesson types                                | Lesson type                                                                                                                                                                                        | Lecture                                                  | Tutorial                                                                                                                                | Laboratory                          | Project                                                                                                              | Seminar    | SUM |
|                                             | Number of study hours                                                                                                                                                                              | 10.0                                                     | 0.0                                                                                                                                     | 0.0                                 | 0.0                                                                                                                  | 5.0        | 15  |
|                                             | 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                                                                                                                                                                              | 15                                                       |                                                                                                                                         | 1.0                                 |                                                                                                                      | 9.0        | 25  |
| Subject objectives                          | The aim of the course is to master the methodology of scientific work specific to the discipline of architecture and urban planning.                                                               |                                                          |                                                                                                                                         |                                     |                                                                                                                      |            |     |
| Learning outcomes                           | Course outcome                                                                                                                                                                                     |                                                          | Subject outcome                                                                                                                         |                                     | Method of verification                                                                                               |            |     |
|                                             | [K7_U04] is able to use analytical methods to formulate and solve project tasks, present the theoretical background and justification of the presented solutions in the form of a scientific study |                                                          | is able to present the theoretical background and justification for the presented solutions in the form of a scientific study           |                                     | [SU2] Assessment of ability to analyse information                                                                   |            |     |
|                                             | [K7_K04] is ready for lifelong learning, by taking up doctoral and postgraduate education or participating in other forms of education                                                             |                                                          | is ready for lifelong learning, including by undertaking doctoral and postgraduate studies or participating in other forms of education |                                     | [SK3] Assessment of ability to organize work                                                                         |            |     |
|                                             | [K7_K05] is ready to inspire others to learn and organize the learning process                                                                                                                     |                                                          | is ready to inspire others to learn and organize the learning process                                                                   |                                     | [SK1] Assessment of group work skills                                                                                |            |     |

|                                                                               |                                                                                                                                  |                                                                                                                                                                                                                                                                        |                               |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Subject contents                                                              | Course content – lecture                                                                                                         |                                                                                                                                                                                                                                                                        |                               |
|                                                                               | 1. The science-education relationship. The place of architecture in the higher education system. Classification of the sciences. |                                                                                                                                                                                                                                                                        |                               |
|                                                                               | 2. The problem of the increasing amount of knowledge in the modern world. Assessment of the value of a scientific article.       |                                                                                                                                                                                                                                                                        |                               |
|                                                                               | 3. Footnotes (Harvard Referencing System and Vancouver Reference Style).                                                         |                                                                                                                                                                                                                                                                        |                               |
|                                                                               | 4. The issue of copyright in scientific texts. Plagiarism. Creative Commons system.                                              |                                                                                                                                                                                                                                                                        |                               |
|                                                                               | 5. Structure of a scientific article. IMRAD (Introduction, Method, Results and Discussion)                                       |                                                                                                                                                                                                                                                                        |                               |
|                                                                               | 6. Research methods in the discipline of architecture and town planning.                                                         |                                                                                                                                                                                                                                                                        |                               |
| Course content – seminar in accordance with the topic of the research project |                                                                                                                                  |                                                                                                                                                                                                                                                                        |                               |
| Prerequisites and co-requisites                                               |                                                                                                                                  |                                                                                                                                                                                                                                                                        |                               |
| Assessment methods and criteria                                               | Subject passing criteria                                                                                                         | Passing threshold                                                                                                                                                                                                                                                      | Percentage of the final grade |
|                                                                               | essay                                                                                                                            | 100.0%                                                                                                                                                                                                                                                                 | 100.0%                        |
| Recommended reading                                                           | Basic literature                                                                                                                 | 1. Jarosław Zieliński, <i>Metodologia pracy naukowej</i> , Oficyna Wydawnicza ASPRA-JR, 2012<br>2. <i>Siuda Piotr</i> , <i>Wasylczyk Piotr</i> , <i>Publikacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko</i> , Wydawnictwo Naukowe PWN, 2018 |                               |
|                                                                               | Supplementary literature                                                                                                         | .                                                                                                                                                                                                                                                                      |                               |
|                                                                               | eResources addresses                                                                                                             |                                                                                                                                                                                                                                                                        |                               |
| Example issues/ example questions/ tasks being completed                      | List the research methods used in the discipline of architecture and urban planning.                                             |                                                                                                                                                                                                                                                                        |                               |
| Practical activities within the subject                                       | Not applicable                                                                                                                   |                                                                                                                                                                                                                                                                        |                               |

Document generated electronically. Does not require a seal or signature.