



Subject card

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|---|---|--|---|-------------------------------------|---|---|-----|
| Subject name and code | Project management, PG_00053353 | | | | | | |
| Field of study | Biomedical Engineering, Biomedical Engineering, Biomedical Engineering | | | | | | |
| Date of commencement of studies | February 2027 | | Academic year of realisation of subject | | | 2026/2027 | |
| Education level | second-cycle studies | | Subject group | | | Obligatory subject group in the field of study Humanistic-social subject group 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 | | | Polish | |
| Semester of study | 1 | | ECTS credits | | | 2.0 | |
| Learning profile | general academic profile | | Assessment form | | | assessment | |
| Conducting unit | Department of Computer Architecture -> Faculty of Electronics Telecommunications and Informatics -> Faculties of Gdańsk University of Technology | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr inż. Jarosław Kuchta | | | | |
| | Teachers | | dr inż. Jarosław Kuchta | | | | |
| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 15.0 | 0.0 | 0.0 | 0.0 | 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 | | 5.0 | | 30.0 | 50 |
| Subject objectives | Understanding the basics of project management with particular emphasis on IT projects | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K7_K01] is ready to create and develop models of proper behaviour in the work and life environment; undertake initiatives; critically evaluate actions of their own, teams and organisations they are part of; lead a group and take responsibility for its actions; responsibly perform professional roles taking into account changing social needs, including: - developing the achievements of the profession, - observing and developing rules of professional ethics and acting to comply to these rules | | The student is ready to take responsibility for the created project in the context of the organization. | | [SK3] Assessment of ability to organize work [SK1] Assessment of group work skills | | |
| Subject contents | Course content – exercises 1. Introduction to project management. Two approaches to management 2. Classic methodologies of IT project management: cascade, iteration-incremental, multiphase 3. Agile methodologies - problems and limitations 4. Requirements engineering - extracting requirements, requirements versus quality 5. Estimating labor needs, costs and time 6. Risk analysis | | | | | | |
| Prerequisites and co-requisites | | | | | | | |
| Assessment methods and criteria | Subject passing criteria | | Passing threshold | | Percentage of the final grade | | |
| | Small teams exercises | | 50.0% | | 40.0% | | |
| | Frequency | | 50.0% | | 30.0% | | |
| | Test | | 50.0% | | 30.0% | | |

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| Recommended reading | Basic literature | <ol style="list-style-type: none"> 1. Gregory Horine: Project Management Absolute Beginners Guide, 2017 2. Harol Kerzner: Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 2013 |
| | Supplementary literature | <ol style="list-style-type: none"> 1. PRINCE2 - The Executive Guide to Directing Projects, 2009 2. A Guide to the Project Management Body of Knowledge: PMBOK® Guide (Sixth Edition) |
| | eResources addresses | |
| Example issues/ example questions/ tasks being completed | <ol style="list-style-type: none"> 1. Preparation of requirements specification 2. Estimation of labor intensity and costs 3. Development of the project schedule 4. Conducting a risk analysis | |
| Practical activities within the subject | Not applicable | |

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