



Subject card

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|---|--|--|---|-------------------------------------|--|------------|-----|
| Subject name and code | PROJECT MANAGEMENT, PG_00061175 | | | | | | |
| Field of study | Management | | | | | | |
| Date of commencement of studies | October 2025 | | Academic year of realisation of subject | | 2026/2027 | | |
| Education level | first-cycle studies | | Subject group | | Obligatory subject group in the field of study 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 | 2 | | Language of instruction | | English | | |
| Semester of study | 3 | | ECTS credits | | 5.0 | | |
| Learning profile | general academic profile | | Assessment form | | assessment | | |
| Conducting unit | Department Of Management Engineering And Quality -> Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr inż. Grzegorz Zieliński | | | | |
| | Teachers | | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 30.0 | 0.0 | 30.0 | 0.0 | 0.0 | 60 |
| | 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 | 60 | | 11.0 | | 54.0 | 125 |
| Subject objectives | Plans the design process, taking into account all factors affecting the achievement of planned goals in a timely and financially effective manner | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K6_U07] uses information technology to improve data analysis and decision-making processes | | creates useful designs, using appropriate software to support the critical analysis and evaluation of design variants | | [SU4] Assessment of ability to use methods and tools | | |
| | [K6_W05] integrates data from many sources to analyze complex problems of modern management | | integrates data and information from many sources, selecting appropriate design methods, obtaining the desired solution | | [SW1] Assessment of factual knowledge | | |
| Subject contents | Introduction to project management Differences between agile and traditional project management methodologies Classic design methodology Generating ideas Organization strategy and project selection Structures and culture of project management Determining the scope of the project Development of the project plan Project risk management Resource and cost planning Effective project management Project team management Project closure Characteristics of agile methodologies Structure of agile project management Roles in the Scrum team Communication of the project team in agile management and team management | | | | | | |
| Prerequisites and co-requisites | | | | | | | |
| Assessment methods and criteria | Subject passing criteria | | Passing threshold | | Percentage of the final grade | | |
| | Presentation | | 50.0% | | 25.0% | | |
| | Team project | | 60.0% | | 75.0% | | |

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| Recommended reading | Basic literature | Larson, E., & Gray, C. (2017). Project management: The managerial process (7th ed.). McGraw-Hill Education Lock D, PROJECT MANAGEMENT by Gower Publishing, 9 th edition/ 2007 Saladis F.P, Kerzner H. :Bringing the PMBOK Guide to Life, John Wiley & Sons, 2009, ISBN 978047019558 Schwaber, K. and Sutherland, J. (2020). The Definitive Guide to Scrum: The Rules of the Game |
| | Supplementary literature | Meredith J.R. and Jr. Mantel S.J., Project management: a managerial approach, John Wiley & Sons, 5th edition, 2003, ISBN 0-471-07323-7 Stellman A., Greene J., Learning Agile, Oreilly Media 2014 |
| | eResources addresses | Adresy na platformie eNauczanie: |
| Example issues/ example questions/ tasks being completed | What is project management What to pay attention to when designing project structures Ways to precisely define the goals of the project Identification of resources in the project Risk definition and mitigation (FMEA risk assessment) Ways of conducting team meetings, building consensus and joint solutions, the role of the project manager and team members Project communication Present the legitimacy of implementing agile project management in the selected organization. Present the steps of such an implementation | |
| Work placement | Not applicable | |

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