

**Subject card**

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|--|---|--|----------------------|-------------------------------------|--|------------|-----|
| <b>Subject name and code</b>                       | Teamwork & Project Management, PG_00178117  |  |                      |                                     |  |            |     |
| <b>Field of study</b>                              | Informatics and Econometrics  |  |                      |                                     |  |            |     |
| <b>Date of commencement of studies</b>             | October 2026  | <b>Academic year of realisation of subject</b>           |                      |                                     | 2028/2029                                      |            |     |
| <b>Education level</b>                             | Bachelor's studies  | <b>Subject group</b>                                     |                      |                                     | Obligatory subject group in the field of study |            |     |
| <b>Mode of study</b>                               | full-time studies   | <b>Mode of delivery</b>                                  |                      |                                     | at the university                              |            |     |
| <b>Year of study</b>                               | 3   | <b>Language of instruction</b>                           |                      |                                     | Polish   |            |     |
| <b>Semester of study</b>                           | 5   | <b>ECTS credits</b>                                      |                      |                                     | 5.0  |            |     |
| <b>Learning profile</b>                            | academic  | <b>Assessment form</b>                                   |                      |                                     | credit   |            |     |
| <b>Conducting unit</b>                             | Department of Organisational Behaviour -> Faculty of Management -> Rector   |  |                      |                                     |  |            |     |
| <b>Name and surname of lecturer (lecturers)</b>    | <b>Subject supervisor</b>   |  | dr hab. Piotr Wróbel |                                     |  |            |     |
|  | <b>Teachers</b>   |  |                      |                                     |  |            |     |
| <b>Lesson types</b>                                | <b>Lesson type</b>  | Lecture  | Tutorial             | Laboratory                          | Project  | Seminar    | SUM |
|  | <b>Number of study hours</b>  | 30.0   | 30.0                 | 0.0                                 | 0.0  | 0.0        | 60  |
|  | E-learning hours included: 0.0  |  |                      |                                     |  |            |     |
| <b>Learning activity and number of study hours</b> | <b>Learning activity</b>  | Participation in didactic classes included in study plan |                      | Participation in consultation hours |  | Self-study | SUM |
|  | <b>Number of study hours</b>  | 60   |                      | 4.0                                 |  | 61.0       | 125 |
| <b>Subject objectives</b>                          | The aim of the course is to develop students' competencies expected from participants in IT projects, particularly social skills and competencies related to teamwork, as well as knowledge of the Scrum methodology. |  |                      |                                     |  |            |     |

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| Learning outcomes  | Course outcome   | Subject outcome   | Method of verification   |
|  | [liEL3_U10] The student can convey information clearly and effectively, presenting their opinions using econometrics, informatics, and statistics terminology across various media.  | Student is able to conduct effective internal and external communication during the work of a project team.   | [SU1] oral statement/conversation/discussion                                 |
|  | [liEL3_U09] The student can effectively plan and execute their learning process while continuously enhancing their econometrics, informatics, and statistics skills throughout their lives.  | The student is able to independently plan and develop their skills relevant to teamwork and project management  | [SU1] oral statement/conversation/discussion                                 |
|  | [liEL3_W04] The student has advanced knowledge and understanding of human roles, places, and behaviour in organizations or projects, both as individuals and in group and organizational dimensions.   | The student distinguishes between different attitudes and behaviours of employees within project teams and understands the motivations behind them.   | [SW4] test/exam - oral or written  |
|  | [liEL3_U06] The student can use and integrate knowledge of management and quality sciences, economics, and finance to resolve dilemmas and complex problems that arise in professional work.   | The student is able to apply concepts and tools from the fields of management and quality sciences to solve problems arising during project implementation.   | [SU2] presentation/project/paper/report<br>[SU4] test/exam - oral or written |
|  | [liEL3_K02] The student is ready to perform professional roles responsibly, observe professional ethics and require this of others, and care for the achievements and traditions of the professions related to econometrics, informatics or statistics.  | Student demonstrates readiness to responsibly perform various professional roles within a project team, adheres to the principles of professional ethics and encourages others to do the same   | [SK1] oral statement/conversation/discussion                                 |
| [liEL3_U11] The student can engage and collaborate in teams, assuming different roles. | The student is able to collaborate in both traditional and virtual project teams, taking on different roles depending on the adopted project management methodology.   | [SU2] presentation/project/paper/report   |  |
| Subject contents   | <p>1/ <b>Team building</b>: stages in the team life cycle, group processes, team roles, team member selection. Cooperation and competition within the team, motivating employees in the team. The role of the team leader, leadership styles in teams. Organization of team work. Barriers to teamwork. The specifics of managing a virtual team.</p> <p>2/ <b>Communication</b>: verbal, written, electronic. Providing feedback to employees. The art of presentation.</p> <p>3/ <b>Conflict management</b>: difficult situations in the workplace. Negotiations.</p> <p>4/ <b>Principles of personal effectiveness</b>: time management, building your career path, developing your own competencies.</p> <p>5/ <b>Agile Manifesto</b>: characteristics, types, strengths, and weaknesses of agile techniques. Scrum roles, ceremonies, and artifacts.</p> <p>6/ <b>Scaling Scrum projects</b> LeSS, Nexus, and SAFe methodologies.</p> |   |  |
| Prerequisites and co-requisites  |  |   |  |
| Assessment methods and criteria  | Subject passing criteria   | Passing threshold   | Percentage of the final grade  |
|  | Project  | 51.0%   | 50.0%  |
|  | Test   | 51.0%   | 50.0%  |
| Recommended reading  | Basic literature   | <ul style="list-style-type: none"> <li>R.W. Griffin, Podstawy zarządzania organizacjami, PWN, Warszawa 2022</li> <li>M. Żeromski, Budowanie zespołu. Młotek Scrum Mastera, Helion, Warszawa 2020</li> <li>P. Lencioni, Pięć dysfunkcji pracy zespołowej, MT Biznes, Warszawa 2019</li> <li>R. Fisher, W. Ury, B. Patton, Dochodząc do TAK. Negocjowanie bez poddawania się, PWE, Warszawa 2016</li> <li>S. West, K. Bittner, P. Kong, Nexus i skalowalny Scrum, APN Promise, Warszawa 2018</li> </ul>   |  |
|  | Supplementary literature   | <ul style="list-style-type: none"> <li>S. Covey, 7 nawyków skutecznego działania, Wydawnictwo Rebis, Warszawa 2022</li> <li>S. Sinek, Liderzy jedzą na końcu, Wydawnictwo Helion, Warszawa 2021</li> <li>C. Hamilton, Skuteczna komunikacja w biznesie, PWN, Warszawa, 2011</li> <li>M. Stączek, Prezentacja publiczna: mów komunikatywnie, oryginalnie, przekonująco! (Wyd. 5, popr). Warszawa: EdisonTeam.pl, 2016</li> <li>P. Wróbel, Zarządzanie zdalnymi pracownikami. Specyfika, wyzwania i rozwiązania, Wyd. Uniwersytetu Gdańskiego, Gdańsk 2021</li> </ul> |  |

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|  | eResources addresses   |  |
| Example issues/<br>example questions/<br>tasks being completed | <ul style="list-style-type: none"> <li>• Stages of the team life cycle: characteristics, risks, solutions.</li> <li>• Describe the characteristics and scope of application for a selected leadership style.</li> <li>• Principles of conflict resolution in the workplace.</li> <li>• Scope of application, strengths, and weaknesses of agile techniques.</li> </ul> |  |
| Work placement   | Not applicable   |  |

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