



Subject card

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|---|--|--|--|-------------------------------------|--|------------|-----|
| Subject name and code | Object programming, PG_00045295 | | | | | | |
| Field of study | Data Engineering | | | | | | |
| Date of commencement of studies | October 2025 | | Academic year of realisation of subject | | 2025/2026 | | |
| 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 | 1 | | Language of instruction | | Polish | | |
| Semester of study | 2 | | ECTS credits | | 3.0 | | |
| Learning profile | general academic profile | | Assessment form | | exam | | |
| Conducting unit | Department Of Geoinformatics -> Faculty Of Electronics Telecommunications And Informatics -> Wydziały Politechniki Gdańskiej | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr hab. inż. Marek Moszyński | | | | |
| | Teachers | | dr hab. inż. Marek Moszyński | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 0.0 | 11.0 | 30.0 | 0.0 | 56 |
| | 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 | 56 | | 6.0 | | 13.0 | 75 |
| Subject objectives | Theory and practice on object oriented programming | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K6_U06] acquires new knowledge, planning its own development in aiming at achieving defined goals | | The student acquires skills in the field of the basics of object-oriented programming using the following programming languages: C++, Java, C#, Python and Javascript. | | [SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information | | |
| | [K6_U02] prepares and presents convincingly professional presentations of the results of undertaken activities, with their advanced interpretation | | The student is able to present solutions used in the completed tasks | | [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task | | |
| | [K6_W06] classifies the acquired information, assessing its usefulness in solving the formulated problems | | The student acquires practical skills by performing sample tasks in several object-oriented programming languages. | | [SW3] Assessment of knowledge contained in written work and projects | | |

