



Subject card

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|---|--|--|----------|-------------------------------------|---------|--|-----|
| Subject name and code | MSc Diploma Thesis I, PG_00047439 | | | | | | |
| Field of study | Electronics and Telecommunications | | | | | | |
| Date of commencement of studies | October 2025 | Academic year of realisation of subject | | | | 2026/2027 | |
| Education level | second-cycle studies | Subject group | | | | Optional 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 | 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 Microelectronic Systems -> Faculty Of Electronics Telecommunications And Informatics -> Wydział Politechniki Gdańskiej | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr inż. Paweł Raczyński | | | | | |
| | Teachers | | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 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 | 0 | | 30.0 | | 95.0 | 125 |
| Subject objectives | Carry out of the review and comparative analysis of literature regarding with the realized subject of the master's thesis. The presentation of general conception for solving the put problem. | | | | | | |

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| Learning outcomes | Course outcome | Subject outcome | Method of verification |
| | [K7_K03] is ready to meet social obligations, inspire and organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way | Creates concepts for solving project-related problems in the area of electronics or telecommunications. | [SK2] Assessment of progress of work |
| | [K7_U08] while identifying and formulating engineering tasks specifications and solving these tasks, can: - apply analytical, simulation and experimental methods, - notice their systemic and non-technical aspects, - make a preliminary economic assessment of suggested solutions and engineering work | The student is able to independently identify technical problems and seek their solutions using analytical, simulation and experimental methods. Is able to assess the economic, systemic and non-technical consequences of undertaken actions. | [SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject |
| | [K7_U10] can individually plan and pursuit their own lifelong education and influence others in this aspect, also by means of advanced information and communication technologies (ICT), and communicate on specialist issues with diverse recipients, appropriately justify points of view, hold debates, present, assess and discuss different opinions and points of view, as well as use specialist terminology related to the field of study in communication | The student is able to independently acquire knowledge from various sources, is able to use it to solve technical problems posed to him. He can present his solutions in the forum and can defend them with factual arguments. Knows professional terminology and is able to communicate with other specialists. | [SU1] Assessment of task fulfilment |
| [K7_K02] is ready to provide critical evaluation of received content and to acknowledge the importance of knowledge in solving cognitive and practical problems | Is able to carry out literature research regarding the implementation of his project. | [SK2] Assessment of progress of work | |
| Subject contents | realization of the chosen subject of master diploma under the thesis supervisor | | |
| Prerequisites and co-requisites | | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | Partial preparing of the master's thesis. | 100.0% | 100.0% |
| Recommended reading | Basic literature | established individually by the thesis supervisor | |
| | Supplementary literature | no | |
| | eResources addresses | Adresy na platformie eNauczanie: | |
| Example issues/ example questions/ tasks being completed | | | |
| Work placement | Not applicable | | |

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