



Subject card

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|---|---|--|----------|-------------------------------------|--|------------|-----|
| Subject name and code | MSc Diploma Thesis II, PG_00049470 | | | | | | |
| Field of study | Biomedical Engineering, Biomedical Engineering, Biomedical Engineering | | | | | | |
| Date of commencement of studies | February 2024 | Academic year of realisation of subject | | | 2024/2025 | | |
| 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 | | | Polish | | |
| Semester of study | 3 | ECTS credits | | | 14.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Department of Decision Systems and Robotics -> Faculty of Electronics, Telecommunications and Informatics | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | | | | | |
| | 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 | | 320.0 | 350 |
| Subject objectives | Finalisation of the master thesis. | | | | | | |

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| Learning outcomes | Course outcome | Subject outcome | Method of verification |
| | [K7_U10] can individually plan and pursue 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 | Student prepares documentation developed by themselves solution for a technical problem, documenting research and design. | [SU5] Assessment of ability to present the results of task |
| | [K7_U08] while identifying and formulating engineering tasks specifications and solving these tasks, can: n- apply analytical, simulation and experimental methods, n- notice their systemic and non-technical aspects, n- make a preliminary economic assessment of suggested solutions and engineering work | Student is able to formulate problems, analyze them and use analytical, simulation and experimental methods to solve them. He perceives his role in society and knows his responsibility for the non-technical effects of his activity. | [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools |
| | [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 | The student knows the patterns of proper conduct in the work and life environment, taking initiatives, critical assessment of themselves and the teams and organizations in which they participate, leading the group and taking responsibility for it, responsible professional roles taking into account changing social needs. | [SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills |
| | [K7_W09] Knows and understands, to an increased extent, the economic, legal and other conditions of various types of activities related to the given qualification, including the principles of protection of industrial property and copyright. | Student knows the rules of intellectual property protection. He understands the impact of his activities on the economics and environment in which he conducts business. | [SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation |
| | [K7_K02] is ready to provide critical evaluation of received content and to acknowledge the importance of knowledge in solving cognitive and practical problems | The student knows and understands the importance of argumentation and discussion in solving technical, scientific and social problems. He can make his own assessments and can justify them. | [SK5] Assessment of ability to solve problems that arise in practice |
| Subject contents | Student proposes a solution to the formulated problem, selects the necessary tools and codes, configures their environment, plans and carries out experiments to evaluate the proposed solution, as well as prepares the final version of the master thesis. | | |
| Prerequisites and co-requisites | no requirements | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | Acceptance of the final manuscript. | 100.0% | 100.0% |
| Recommended reading | Basic literature | Depends on the subject of the thesis. | |
| | Supplementary literature | No requirements | |
| | eResources addresses | Adresy na platformie eNauczanie: | |
| Example issues/ example questions/ tasks being completed | | | |
| Work placement | Not applicable | | |