



Subject card

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|---|---|--|---|-------------------------------------|--|------------|-----|
| Subject name and code | , PG_00058689 | | | | | | |
| Field of study | Materials Engineering, Materials Engineering, Materials Engineering | | | | | | |
| Date of commencement of studies | February 2023 | | Academic year of realisation of subject | | 2022/2023 | | |
| 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 | 1 | | Language of instruction | | Polish | | |
| Semester of study | 1 | | ECTS credits | | 2.0 | | |
| Learning profile | general academic profile | | Assessment form | | assessment | | |
| Conducting unit | Zakład ceramiki -> Instytut Nanotechnologii i Inżynierii Materiałowej -> Faculty of Applied Physics and Mathematics | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | prof. dr hab. inż. Maria Gazda | | | | |
| | Teachers | | dr inż. Krzysztof Formela dr hab. inż. Stefan Dzionk prof. dr hab. inż. Maria Gazda | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 0.0 | 0.0 | 30.0 | 0.0 | 30 |
| | 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 | 30 | | 5.0 | | 15.0 | 50 |
| Subject objectives | Implementation of the project by a team of students | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K7_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad | | able to cooperate in a project team | | [SK1] Assessment of group work skills | | |
| | K7_W05 | | knows the basic methods, techniques, tools and materials needed to implement the project | | [SW3] Assessment of knowledge contained in written work and projects | | |
| | K7_W07 | | has knowledge of development trends and the most important new achievements in the subject of the project | | [SW3] Assessment of knowledge contained in written work and projects | | |
| | K7_U07 | | is able to plan and organize work individually and in a project team | | [SU1] Assessment of task fulfilment | | |
| | K7_U01 | | is able to obtain information necessary for the implementation of the project from literature, databases and other properly selected sources, also in English; is able to integrate the obtained information, interpret it, draw conclusions and formulate and justify opinions | | [SU1] Assessment of task fulfilment | | |
| Subject contents | Selection of topics, or continuation of a project started in semester 5. Selection of the research method and/ or analysis method to the problem posed in the project; Self-knowledge of selected research methods and methods of analysis; Preparation of an action plan, division of roles in the team; Project implementation: conducting research/analyses using selected methods; Critical analysis of the obtained results, discussion; Preparing a report; Summary of works: presentation of results, discussion; Mutual review of the results of the teams' work, discussion. | | | | | | |

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| Prerequisites and co-requisites | no | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | assesment of the project results | 51.0% | 100.0% |
| Recommended reading | Basic literature | depends on the topic | |
| | Supplementary literature | j.w. | |
| | eResources addresses | Adresy na platformie eNauczanie: | |
| Example issues/ example questions/ tasks being completed | - | | |
| Work placement | Not applicable | | |