



Subject card

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|---|---|--|-------------------------------------|------------|--|---------|-----|
| Subject name and code | Materials Technology in Sanitary Systems , PG_00042880 | | | | | | |
| Field of study | Environmental Engineering | | | | | | |
| Date of commencement of studies | October 2020 | Academic year of realisation of subject | | | 2021/2022 | | |
| Education level | first-cycle studies | Subject group | | | Obligatory subject group 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 nie dotyczy | | |
| Semester of study | 3 | ECTS credits | | | 3.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Department of Sanitary Engineering -> Faculty of Civil and Environmental Engineering | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr hab. inż. Jakub Drewnowski | | | | | |
| | Teachers | | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 30.0 | 0.0 | 15.0 | 0.0 | 0.0 | 45 |
| | E-learning hours included: 0.0 | | | | | | |
| | Adresy na platformie eNauczanie: Materiałoznawstwo Instalacyjne - 2021/2022 - Moodle ID: 19446 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=19446 | | | | | | |
| 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 | 45 | 5.0 | 35.0 | 85 | | |
| Subject objectives | nie dotyczy | | | | | | |
| Learning outcomes | Course outcome | Subject outcome | | | Method of verification | | |
| | [K6_U14] can organize, estimate executive construction works (installation) in accordance with the principles of construction technology and organization, apply the principles of safety and health at work during the implementation of engineering tasks | nie dotyczy | | | | | |
| | [K6_W07] has a structured and theoretically founded knowledge in the field of materials used in the sanitary industry, their physico-chemical properties; knows and understands the basic processes of their production | nie dotyczy | | | | | |
| | [K6_U13] knows the rules of application and can choose the materials of the sanitary industry | nie dotyczy | | | | | |
| | [K6_K02] understands the need to formulate and communicate to the public information and opinions on the achievements of environmental engineering and other aspects of the sanitary industry engineer's activity; is aware of the importance and understands the non-technical aspects and effects of engineering activities; makes efforts to provide such information and opinions in a widely understandable way, presenting different points of view | nie dotyczy | | | | | |

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| Subject contents | nie dotyczy | | |
| Prerequisites and co-requisites | nie dotyczy | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | nie dotyczy | 50.0% | 100.0% |
| Recommended reading | Basic literature | nie dotyczy | |
| | Supplementary literature | nie dotyczy | |
| | eResources addresses | Materiałoznawstwo Instalacyjne - 2021/2022 - Moodle ID: 19446 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=19446 | |
| Example issues/ example questions/ tasks being completed | nie dotyczy | | |
| Work placement | Not applicable | | |