

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

| Subject name and code | Hydraulics and hydrology, PG_00041517 | | | | | | | | |
|---|---|---|---|--|---|---|--|---|--|
| Field of study | Civil Engineering | | | | | | | | |
| Date of commencement of studies | February 2025 | | 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 | 1 | | Language of instruction | | | Englis | English | | |
| Semester of study | 1 | | ECTS credits | | | 2.0 | | | |
| Learning profile | general academic profile | | Assessment form | | | assessment | | | |
| Conducting unit | Department of Hydraulic Engineering | | | | | | | | |
| Name and surname | Subject supervisor | | 1 | omasz Kolersk | | | | | |
| of lecturer (lecturers) | Teachers | | | | | | | | |
| Lesson types and methods of instruction | Lesson type Lecture | | Tutorial Laboratory Projec | | t Seminar SUM | | SUM | | |
| | Number of study hours | 15.0 | 15.0 | 15.0 | 0.0 | - | 0.0 | 45 | |
| | E-learning hours included: 0.0 | | | | | | | | |
| Learning activity and number of study hours | Learning activity | Participation i classes incluc plan | | Participation i consultation h | | Self-st | tudy | SUM | |
| | Number of study hours | 45 | | 5.0 | | 0.0 | | 50 | |
| Subject objectives | | | g capacities: in catchment. | | | | | | |
| | - analysis of hydrolog - determination of ope | ical processes | in catchment, | ters, oriented to | wards p | problem | is of hydroen | gineering, | |
| · · | - analysis of hydrolog | ical processes en-channel hyd | in catchment, Iraulic paramet | - | wards p | | | | |
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| Recommended reading | | Van Te Chow et al., Applied Hydrology, McGRAW-HILL, 1988 Van Te Chow, Open-Channel Hydraulics, McGRAW-HILL, 1957 Mays, L. Water Resources Engineering, Willey, 2006 | | | |
|--|---|--|--|--|--|
| | Supplementary literature | Czetwertyński E., Utrysko B., Hydraulika i hydromechanika, PWN 1986 Kubrak J., Hydraulika techniczna, SGGW 1998 Byczkowski A., Hydrologia, SGGW 1996 Ozga-Zielińska M., Brzeziński J.: Hydrologia stosowana, Wydawnictwo Naukowe PWN Warszawa,1994. | | | |
| | eResources addresses | Adresy na platformie eNauczanie: | | | |
| Example issues/ example questions/ tasks being completed | - analysis of hydrological processes in catchment, - determination of open-channel hydraulic parameters. | | | | |
| Work placement | Not applicable | | | | |

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