



Subject card

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|---|---|--|--|-------------------------------------|--|------------|-----|
| Subject name and code | Transport economics and financing of transport, PG_00044622 | | | | | | |
| Field of study | Transport | | | | | | |
| Date of commencement of studies | October 2023 | Academic year of realisation of subject | | | 2025/2026 | | |
| Education level | first-cycle studies | Subject group | | | Obligatory subject group in the field of study 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 | 3 | Language of instruction | | | Polish | | |
| Semester of study | 5 | ECTS credits | | | 3.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Department of Transportation Engineering -> Faculty of Civil and Environmental Engineering | | | | | | |
| 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 | 30.0 | 15.0 | 0.0 | 0.0 | 0.0 | 45 |
| | 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 | 45 | | 5.0 | | 25.0 | 75 |
| Subject objectives | The aim of the course is to provide knowledge in the field of transport economics, including the role of transport in the national economy, functioning of transport markets, characteristics of basic dependencies economics in transport markets and preparing cost-benefit analyzes. | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [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 work of a sanitary industry engineer; is aware of the importance of and understands non-technical aspects and consequences of engineering; takes steps to communicate such information and opinions in a comprehensible manner and present different points of view | | The student has interdisciplinary knowledge in operation and development transport systems. The student plans the systems transport including cost accounting transport and external costs. The student plans the systems and transport activity taking into account competition, transport needs, demand, the specificity of the supply in services transport, costs, prices, social conditions, environmental and transport policy | | [SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice | | |
| | [K6_U07] able to identify the effects of management, progress in technology, spatial policy, environmental protection, health and safety on the operation and development of transport and include these in the process of planning, designing, building and operating means and systems of transport | | The student has a comprehensive knowledge of functioning and business management transport and has ability to use knowledge in projects | | [SU4] Assessment of ability to use methods and tools | | |
| | [K6_W06] has basic knowledge of economic processes, transport economics and transport management | | The student has knowledge and skills in the field of systems' management, transport subsystems and transport activities in enterprises | | [SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge | | |

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| Subject contents | Transport in economic processes, the market of transport services, transport needs, demand in transport, supply of transport services, costs in transport, prices in transport, cost-benefit analysis (as a part of the feasibility study for transport investments) | | |
| Prerequisites and co-requisites | basic concepts of the Economy | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | test | 51.0% | 50.0% |
| | project | 51.0% | 50.0% |
| Recommended reading | Basic literature | 1. A. Koźlak: Economics of transport. Publishing House of the University of Gdańsk, Gdańsk 2007. 2. Polish market of transport services. Functioning-changes-development. D. Rucińska. Polish Scientific Publishers. Warsaw 2012. 3. R. Tomanek: The functioning of transport. Publishing House of the K. Adamiecki in Katowice, Katowice 2004 | |
| | Supplementary literature | 1. W. Rydzkowski. K. Wojewódzka-Król. Transport. PWN 2007. 2. Logistics (magazine) 3. Scientific Journals of the University of Gdańsk | |
| | eResources addresses | Adresy na platformie eNauczanie: | |
| Example issues/ example questions/ tasks being completed | Relationship between economic development and transport development. Internal and external costs in transport. Specific features of the supply of transport services | | |
| Work placement | Not applicable | | |