

Subject card

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| Subject name and code | Economic fundamentals of the transport, forwarding and logistics business , PG_00204870 | | | | | | |
| Field of study | Economics | | | | | | |
| Date of commencement of studies | October 2026 | Academic year of realisation of subject | | | 2027/2028 | | |
| Education level | Bachelor's studies | Subject group | | | Obligatory subject group in the field of study 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 | 4 | ECTS credits | | | 2.0 | | |
| Learning profile | academic | Assessment form | | | exam | | |
| Conducting unit | Department of Transport Economics -> Faculty of Economics -> Rector | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr hab. Aleksandra Koźlak | | | | |
| | Teachers | | | | | | |
| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 15.0 | 0.0 | 0.0 | 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 | | 4.0 | | 16.0 | 50 |
| Subject objectives | The course aims to introduce students to the specifics of the TSL sector (transportation freight forwarding logistics) and its place in the economy. | | | | | | |

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| Learning outcomes | Course outcome | Subject outcome | Method of verification |
| | [EKONL3_K01] recognises the importance of economic knowledge in identifying and solving economic problems and of consulting experts when difficulties in solving them independently | The student recognizes the importance of economic knowledge in the process of identifying and solving economic problems in the TSL sector and understands the need to seek expert opinions when they cannot be resolved independently | [SK4] test/exam - oral or written |
| | [EKONL3_U03] is able to analyse the causes and course of specific economic and social processes and phenomena, and accurately analyse these phenomena using adequate methods and tools economic and social | The student is able to analyze the causes and development of specific economic and social processes and phenomena in the TSL (transport–freight forwarding–logistics) sector, and accurately assess them using appropriate economic and social methods and tools. | [SU4] test/exam - oral or written |
| | [EKONL3_K02] is aware of the level of knowledge in the field of economics and understands the need to deepen and update this knowledge throughout life | The student is aware of their level of knowledge in transport economics and entrepreneurship within the TSL sector and understands the need to deepen and update this knowledge throughout their life continuously. | [SK4] test/exam - oral or written |
| | [EKONL3_W01] has advanced knowledge of the nature of social sciences, their place in the system of sciences, knows the role of economic sciences in this system and uses universal economic terminology | The student possesses advanced knowledge of the social sciences and their place within the overall scientific system, understands the role of economic sciences in that system, and uses universal economic terminology in the fields of transportation, freight forwarding, and logistics. | [SW4] test/exam - oral or written |
| | [EKONL3_W04] knows the types of economic and social ties and the regularities governing them | The student knows the types of economic and social linkages in the TSL sector and the principles governing them. | [SW4] test/exam - oral or written |
| [EKONL3_U01] can correctly interpret economic and social phenomena and apply knowledge of economics, finance and management sciences to explain economic phenomena | The student can accurately interpret economic and social phenomena related to transport operations and apply knowledge of economics, finance, and management sciences to explain the economic phenomena occurring in the TSL sector. | [SU4] test/exam - oral or written | |
| Subject contents | <p>1. Basic terminology related to the TSL business</p> <p>2. Transport and logistics services in the national economy</p> <p>3. Environmental and energy aspects of TSL operations</p> <p>4. Demand for transportfreight forwardinglogistics services</p> <p>5. Supply of services in the TSL sector</p> <p>6. TSL service markets</p> <p>7. Costs of TSL operations</p> <p>8.Pricing of TSL services</p> <p>9. Economic accounting in the operational and investment activities of the TSL sector</p> <p>10.Innovations in the TSL sector</p> <p>Any doubts regarding the issues discussed during classes can be discussed during consultations.</p> | | |
| Prerequisites and co-requisites | Knowledge of basic economic terminology | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | Written exam, duration up to 1h | 51.0% | 100.0% |
| Recommended reading | Basic literature | <p>1. Transport: Trends of Change, ed. K. Wojewódzka-Król, E. Załoga, PWN, Warsaw 2022</p> <p>2. A. Szymonik, Transport Economics for Logistics Needs: A Modern Approach, Difin, Warsaw 2025</p> <p>3. A. Koźlak, Transport Economics, University of Gdańsk Press, Gdansk 2010</p> | |

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| | Supplementary literature | <p>1. K. Wojewódzka-Król, R. Rolbiecki, Transport Infrastructure, PWN, Warsaw 2018.</p> <p>2. M. Christopher, Logistics and Supply Chain Management, PWE, Warsaw 2021.</p> <p>3. A. Koźlak, B. Pawłowska, Resource-Efficient Transport as a Paradigm of Contemporary Sector Development, Scientific Journal of the University of Gdańsk: Transport Economics and Logistics, 2017, No. 64. Available at: http://ekonom.ug.edu.pl/web/download.php?OpenFile=2355.</p> |
| | eResources addresses | |
| Example issues/ example questions/ tasks being completed | <p>Descriptive topics (approx. 1/4 of an A4 page each):</p> <ol style="list-style-type: none"> 1. The essence and types of transport 2. Characteristics of indirect transport 3. Types of charges for the use of transport infrastructure 4. Freight forwarding definition, scope of activities, benefits for users 5. Types of logistics | |
| Work placement | Not applicable | |

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