

Course title: Transport economics

ECTS credit allocation (and other scores): 2,5

Semester: spring

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Social sciences

Language: English

Number of hours per semester: 30

Course coordinator/ Department and e-mail: Małgorzata Kędzior-Laskowska/ Market and Consumption Department, malgorzata.kedzior@uwm.edu.pl

Type of classes: classes and lectures

Substantive content

CLASSES: Transport postulates and measures (simple, complex and related to time). Geographical and demographical indicators of transport network density in different modes of transport. Transport intensity of Polish and other EU countries. Road safety – how is your country doing? Emobility and carbon footprint. Mobility in cities – how to find and measure the postulates?

LECTURES: Transport as a subject of economic research. Economic and non-economic determinants of transport activity (transport infrastructure, methods for evaluating the condition of infrastructure, employment). Transport as an element of the national economy including spatial economy, transport and production and transport intensity. Transport planning, policy, regulations and instruments. Transport sustainable development. Transport demand, postulates and needs. The paradoxes in transport of goods and passengers.

Learning purpose: Giving the theoretical basis of transport economics. Understanding the factors that determine transportation markets (demand, supply, prices). Using the of theoretical knowledge in transport economics to solve practical problems. Working on statistical and empirical transport data.

On completion of the study programme the graduate will gain:

Knowledge: the importance of transport economics in the system of science, processes and phenomena; methods, tools and techniques of data acquisition describing the transport market

Skills: using transport terminology, observing and interpreting processes, causes and trends in transport markets.

Social Competencies: improving and verifying the source of knowledge, deepening knowledge in transport economics

Basic literature: Cowie, J., Ison, S. (2020). The routledge handbook of transport economics. Routledge; Button, K. (2010). Transport economics, 3rd Edition. Edward Elgar Publishing Ltd.

Supplementary literature: Spurling, AD, Spurling J., M. Cao. (2019). Transport economics matters. Applying economic principles to transportation in Great Britain. Brown Walker Press

The allocated number of ECTS points consists of: 2,5

Contact hours with an academic teacher: 32



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Student's independent work: 30,5