

title of course	Transport Economics and Policy
responsible instructor	Kai Hüschelrath
course objectives and learning outcomes	<p>The course provides an introduction to transport economics and policy covering topics such as the economic characteristics of transport, transport demand, direct and external costs of transport, pricing of transport services, economic regulation and deregulation of specific modes of transportation, competition in transport markets or optimizing traffic congestion.</p> <p>The course is primarily based in microeconomics but also considers the interface of transportation economics with other disciplines. Although the course does not focus on any particular mode of transportation, illustrative case studies will look at specific modal examples such as, e.g., airlines, road networks or rail freight.</p>
course contents	<p>Overview of the lectures:</p> <p>Lecture 1: Transport and Economics Lecture 2: Movement, Transport and Location Lecture 3: The Demand for Transport Lecture 4: The Direct Costs of Transport Lecture 5: The External Costs of Transport Lecture 6: Pricing of Transport Services Lecture 7: Containing the Environmental Costs of Transport Lecture 8: Optimizing Traffic Congestion Lecture 9: Investment Criteria – Private and Public Sector Analysis Lecture 10: Transport and Development Lecture 11: The Economic Regulation of Transport Lecture 12: Competition in the Airline Industry Lecture 13: Competition in the Interurban Bus Industry</p>
teaching methods	<ul style="list-style-type: none"> - lectures - discussions - project work - student presentations - self-study
prerequisites	<p>There are no formal requirements. Basic knowledge of the content of the following modules is assumed:</p> <ul style="list-style-type: none"> - Mikroökonomik - Wirtschaftstheorie - Wirtschaftspolitik
suggested reading	<p>Main source:</p> <ul style="list-style-type: none"> - Button, Kenneth (2010), Transport Economics, 3rd Edition, Edward Elgar, Cheltenham. <p>Supplementary sources:</p> <ul style="list-style-type: none"> - Cole, Stuart (2005), Applied Transport Economics – Policy, Management & Decision Making, Kogan Page, London. - Mallard, Graham and Stephen Glaister (2010), Transport Economics – Theory, Application and Policy, Palgrave MacMillan, Houndmills. - McCarthy, Patrick (2001), Transportation Economics – Theory and Practice: A Case Study Approach, Blackwell, Malden. - Quinet, Emile and Roger Vickerman (2004), Principles of Transport Economics, Edward Elgar, Cheltenham.
applicability	<p>This course is in particular applicable to the following courses of this Bachelor programme:</p> <ul style="list-style-type: none"> - Umweltökonomik - Finanzwissenschaft - Europäische Regionalpolitik - Rechtsökonomik - Economics of Strategy

	This course is also applicable to other business-oriented Bachelor programmes offered by Schmalkalden University of Applied Sciences.
workload	total workload: 150 hours, of them: 1) lecture: 60 2) self-study: 90, of them: - course preparation (in particular reading): 30 - follow-up:15 - preparation for academic research project: 25 - exam preparation: 20
ECTS credit points and weighting factor	5 ECTS credit points; weighting factor: 5/180; 5/210
basis of student evaluation	- comprehensive written examination, 60 minutes (80%) - presentation of student research project (20%)
time	4th to 6th semester
frequency	each academic year
duration	1 semester
course type	elective course
remarks	Teaching language is English.

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