

**Title of the whole course: Specialised Seminar (Špeciálny seminár )**

## **Public Transport: Integrated Transport Chains**

**Name of the Educational Test Site:**

**STU-Svf : Slovak University of Technology Bratislava, Faculty of Civil Engineering**

### **Objective of the whole course**

The object of the seminar is intensification of theoretical and methodical knowledge acquired in the lectures and exercises on planning, design, construction, maintenance and safety of urban and rural road network and transportation technologies. Utilization and elaboration of individual distinctive study for Master thesis' preparation is expected as a result.

### **Content of the whole course**

The content of the course is aimed to discuss specific themes in the field:

- surveys, analysis and modeling of transportation planning process
- specific issues of the planning and design of road and transport infrastructure
- modeling and computing of pavement constructions
- technical and economic evaluation of alternatives
- traffic safety, regulation and management
- Non-motorized transport and traffic calming issues
- public transport and integrated transport system

### **Which parts of PORTAL (project results) were taken up?**

**Chapter 2 and chapter 3 of the PORTAL written material with following content:**

- Elements and factors of the Integrated Transport Chains
- Intermodal interchange in Transport and Land-use system
- Planning and design principles of interchange
- Economic organization, management and operation
- National differences and local adaptation with selected case studies

### **Which PORTAL material was used?**

PORTAL written material (english/slovak) and transparencies supplemented by additional figures and transparencies concerning Integrated transport system in Bratislava, needs of disabled passengers and planning and design requirements of interchange interface area

<b>Separate / existing course</b>	Existing course
<b>Optional / compulsory course</b>	Compulsory
<b>Name of the corresponding curricula</b>	Civil and Transportation Engineering (Inžinierske konštrukcie a dopravné stavby)
<b>Participants' level</b>	Level 7
<b>Type of input</b>	Lecture
<b>Number of participants</b>	21
<b>Timing</b>	27. November 2002
<b>Exercises</b>	Homework
<b>Language</b>	Slovak

<b>Name of the teacher</b>	Bystrík BEZAK
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Website of institution and / or lecturer	<a href="http://www.svf.stuba.sk">www.svf.stuba.sk</a>
Language of lecturer	Slovak, German, English
<b>Fields of expertise</b>	Transportation planning and design, urban and regional road network and public transport infrastructure and facilities, urban traffic management, traffic calming and reintegration of urban transport space