#### Field of Study 10

# MSc Environmental Engineering FPSO 20221 Summer Term 2025

# Transportation Engineering and Control



Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 - 9:30					Modelling Tools and Practice Insight for Traffic Engineering (E,6) ED150005 Traffic Flow Simulation –	
9:45 -		Road Safety (E,6) BGU68006 Road Safety Fundamentals [1/2]		Project Appraisal and Planning Processes in Transportation (E,6)	Basics [2/3] 8:00 - 10:30 2100	Rail Traffic Lab (E,3) ED150032 Rail Traffic Lab
11:15		1601		BV520009  Transport Economy and System	Modelling Tools and Practice Insight for Traffic Engineering	2370
11:30 -	Intelligent Transport Systems (R,6) BV560023 ITS System Architectures and Applications	Scientific Work and Presentation Skills (CC-R,6) ED150006		Assessment (Lecture + Exercise) [2/2] 9:45 - 12:15 1601	(E,6) ED150005 Traffic Engineering and	Railway Operations (E,6) ED150033
13:00	[1/2] 0670ZG	Scientific Methods and Presentation Skills [1/2] 0220			Transport Planning in Practice [3/3] Visits to external locations	Railway Operations [2/2] 0602
13:15 -	Project Appraisal and Planning Proc. in Transp. (E,6)  Ethical Robot Systems (E,3)  ED150036	Intelligent Transport Syst. (R,6)  BV560023  Scientific Work and Presentation Skills	Railway Operations (E,6) ED150033	Road Safety (E,6) BGU68006	Autonomous Vehicles and Transportation Systems (E,3)	Statistical Learning and Data Analytics for Transp. Systems (E,6)
14:45	BV520009 [1/2] 0602 Ethical Robot	Traffic Control - (CC-R,6) Extension [2/2] ED150006 2760 Exercise [2/2] 0220	Railway Operations [1/2] N1070	Advanced Road Safety Concepts [2/2]	BGU56055	BGU70006 Statistical Learning and Data
15:00 -	Traffic Data Collection and Analysis (E,3)  Systems  14:00 – 16:00	Modelling Tools and Practice Insight for Traffic Engineering (E,6) ED150005		Urban Transportation Systems: Operations Research and Emerging Mobility Techn. (E,6)	Transportation Systems  13:15 – 17:30	Analytics for Transportation Systems
16:30	BGU56048 0120 MW1801, GAR	Macroscopic Transp. Sim. Project [1/3]		BGU70008 Emerging Mobility Technologies [1/2] 2100	0120	0001
16:45	,		Railway Systems - Global Perspectives (E,3)	Urban Transportation Systems: Operations Research and Emerging Mobility Techn. (E,6)		
18:15			ED150034 <b>0540</b>	BGU70008 Urban Op. Research for Tr. Syst. [2/2] 2100		

This schedule is valid for students of the study regulations FPSO20221 (start of the program from the winter term 2022-23)

# MSc Environmental Engineering FPSO 20221 Summer Term 2025

### Transportation Engineering and Control



### Further modules in this term

#### Experimental Studies on Testbeds and Simulators (E,6)

FD150043

**Experimental Studies on Testbeds and Simulators** 

Thursdays 13:15-15:30, room 2601, Thursdays 14:00-16:30, test field in Ottobrunn

For the beginning dates of the courses and detailed weekly schedules please check TUMonline using the respective Course-No. Students registered for the courses will be automatically notified about changes.

This schedule is valid for each summer term. In case of overlapping courses, there is another chance to take one in the next year.

#### Modules and Courses

#### What is a Module?

A module is a didactic unit consisting of one or more thematically related courses. The module is completed by the "module examination", which is in most cases a single exam covering all of the module's courses. The ECTS-credit points are granted for the whole module after a successful participation in the module examination.

### **How to read the timetable:**

