DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

INTERNATIONAL PROGRAMMES

© iStock.com/SeventyFour

Table of Contents

Language course/short course

Modelling Smart Transportation Systems

Technische Universität Berlin • Berlin

Overview

Course location	Berlin
Teaching language	• English
Language level of course	• English: B2
Date(s)	• 1 July - 12 July 2024 (Registration deadline of course provider: 3 June 2024)
Information on dates, prices and mode of study	Course fees are as follows: • **Student: 1,050 EUR** • **Working professional/non-student: 1,250 EUR** Please note that students will be required to upload proof of their student status (student card/enrolment information) during the registration process.
Target group	This course is designed for Bachelor's and Master's/PhD students of: • Business and Economics • Industrial, Civil, IT and Computer Science, Mechanical, Electronic Engineering • Urban Planning • Transportation Engineering Working professionals and any individuals interested in transportation trends and development are also welcome to take part. Prerequisite: at least one year of university experience
Description/content	Cities around the world face rapid changes in their transportation systems with the advances in ICTs. Recent trends include on-demand and shared mobility-modes and automation in public and private transportation systems. These new solutions impact transport industry, infrastructures management as well as political agenda. Focusing on Intelligent Transportation Systems (ITS), new "Smart Mobility" system and real-time network management have been developed as potential solutions to mitigate congestion issues and improve network efficiency. This course offers theoretical and practical learning materials for transportation modelling and simulation techniques, with a focus on Smart Mobility and ITS solutions and real-world applications. This course reviews the most well-known mobility behaviour simulation models, demand forecasting methods, business, social and political issues and related analytical techniques. After a general overview about sustainable and smart transportation (including business models, technical and urban design aspects), the course will allow participants to get innovative methods to model the current and future solutions of smart cities.

Course details

Recognised language exams offered (e.g. DSH, TestDaF, TOEFL)	No
ECTS points (max.)	3

Costs / Funding

Dates and costs	• 1 July - 12 July 2024 (Registration deadline of course provider: 3 June 2024), **costs: EUR 1,050**
This price includes	• Course fees • Accompanying programme
Information on dates, prices and mode of study	Course fees are as follows: • **Student: 1,050 EUR** • **Working professional/non-student: 1,250 EUR** Please note that students will be required to upload proof of their student status (student card/enrolment information) during the registration process.

Requirements / Registration

Teaching language	• English
Language level of course	• English: B2
Language requirements	Participants of the TU Berlin Summer School must meet the following requirement: level B2 English or equivalent
Submit application to	Please apply via our application portal.

Services

Is accommodation organised?	Accommodation is arranged by the organiser.
Type of accommodation	Hotel room (double occupancy)

Is a social and leisure programme offered?	Yes
Description of social and leisure programme	Cultural programme sessions during the week after course hours (museum visits, guided walking tours, mini golf, lake excursions) and at the weekend (trips to other cities, such as Dresden, Potsdam, and Leipzig)
Free internet access	Yes
Support in visa matters	Yes
Pick-up service from train station/airport	No

Contact

Technische Universität Berlin
TU Berlin Summer School

Hardenbergstr. 16-18
10623 Berlin

Tel. +49 3044720230
✉ tubsummerschool@tubs.de
🌐 Course website: https://www.tu.berlin/en/international/summer-school/summer-school/summer-school-on-campus/modeling-smart-transportation-systems

f https://www.facebook.com/TUBerlinSummer/

in https://www.linkedin.com/in/tuberlinsummerschool/

○ https://www.instagram.com/tuberlinsummerschool/

Last update 22.07.2024 13:19:44

International Programmes in Germany - Database

Disclaimer
The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

Federal Ministry of Education and Research