

Cities and transportation

Subject area: Other subject area

University: L'X
Level: MA1, MA2, PhD
Teaching mode: completely online, at specific time
Instructor(s): Zoi Christoforou

Short description

Cities are evolving rapidly but urban transportation evolves even faster. Recent examples include: car-sharing schemes, Mobility as a Service (MaaS), e-scooter sharing fleets, autonomous bus services, bike deliveries, and so on. However, conventional means of transportation (ie. private cars and mass transit) still form the backbone of urban mobility.

Full description

<https://synapses.polytechnique.fr/catalogue/2021-2022/ue/5164/ECO654-cities-and-transportation>

Learning outcomes

By the end of this course, students will have gained a general background on urban transportation systems, they will have got familiarized with emerging modes/concepts and modeling techniques, and they will have developed skills on new mobility data handling and analysis.

General information

Contact hours per week: 1 hour
Total workload: 49 hours + personal work (in student hours for the whole course)
ECTS credits: 4
Language: English

Course start date: 19 September 2022
Course end date: 09 December 2022
Add. info about start date: Week of September 19, 2022
Weekly teaching day/time: Monday evening (tbc)

Time zone: CET (Denmark, Germany, France, Netherlands, Switzerland, Czech Republic)

Further information:

Prerequisites: none

Activities and methods: Lectures, Group work

Presence on campus: no

Final examination

Form: Written exam and group project

Date:

Location/format:

Re-sit possibility:

Transcript available: end of the semester and generally 8 weeks after the exam.

Add. info/requirements: The exam will take place the week of December 12, 2022

Registration

To register for this course, follow the registration requirements of your **home university** as specified here: www.euroteq.eu/courses-registration.

Administration

Number of places: 6

Minimum participants:

Internal course code: ECO654

Contact: exchange-international@polytechnique.fr

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their home institution how to get recognition of the ECTS credits gained in courses of the EuroTeQ course catalogue. For further information about EuroTeQ Engineering University, visit www.euroteq.eu or get in touch with the above-mentioned point of contact.