



Developing consciousness for building Cities Futures

Course details



InCITIES
Trailblazing Inclusive,
Sustainable and Resilient Cities

ISCTE
University Institute of Lisbon

CITIES FUTURES INTERDISCIPLINARY CHALLENGES

Blended Intensive Programme Course

28 October 2024 - 31 January 2025

- 6 ECTS
150 working hours
- 9 weekly online modules (2h)
- 1 week on-site seminar in January
- 3 authentic real-life challenges
- Learning by Developing approach



On completion of this course, you will walk away with:

- Practical skills and strategies applicable to authentic real-life challenges
- Analytical frameworks for critically thinking about mobility, inclusion, sustainability and resilience
- Tools and methods for addressing challenges delineated by the InCITIES associated partners
- Effective communication and teamwork skills together with experts, stakeholders, and peers
- An invaluable experience and professional connections
- A certificate of competence from ISCTE, a member of the PIONEER Alliance - European Universities Initiative

- One week on-site seminar in January 2025
- Concrete and authentic real-life challenges proposed by the InCITIES Associated Partners: Comboios de Portugal, Wegenblocks and Inovar Autismo, through putting in practice the LbD pedagogical model

Course curriculum

- 1 Learning by Developing (LbD) for Students
- 2 Presentation of the Hackathon Challenges
- 3 Futurism - Cities Foresight
- 4 Information, Data Visualization and Accessibility for user Decision Making
- 5 Design thinking for envisioning Cities Futures focused on the LbD challenges
- 6 Sensing Mobility data
- 7 Transport innovation - Sustainable Urban development
- 8 Intermediate presentations of the challenges proposed by the stakeholders
- 9 Human centered Artificial Intelligence

The participants will present the results in the final in-presence session of the Hackathon:

Future Cities from Vivid Reality: Inclusive and Sustainable Challenges in the Lisbon Metropolitan Area

Course Organisers



Expect site visits and keynotes from local government, civil society, industry and academia.

Course organisers will issue a certificate of completion if all conditions for passing each module are approved

Deadline for applying:
04 Oct. 2024

Case studies

You will contribute to real-life challenges and needs within the city of Lisbon context

"Valuing data of train and bicycle usage"



"Promotion of inclusion of autistic persons and other neurodiversities"



"Transport data sensing"

