



# 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"

