TRANSFORMING URBAN MOBILITY - ONLINE COURSE

Introductory Course on Sustainable Transport Planning

Online 3 Hrs. per Week Free Self-Paced Interactive Certificate

October 04 – November 01, 2021

Course Part 1
Introduction to Transport Planning for Sustainable Cities

4 Weeks

Components of Transport Planning for Sustainable Cities

November 29 – January 03, 2022

Course Part 2

Scan the QR-Code or click here to register
### COURSE PART 1

**Introduction to Transport Planning for Sustainable Cities**

#### Week 1
- Introducing the course
  - Meet the course team and fellow learners
  - Your experience of transport
  - Introducing the case studies
  - Understanding the Global South

#### Week 2
- How does transport affect our cities
  - The dominance of motorisation
  - Why the car has no future
  - Impacts of transport in your city
  - Sustainability in transport

#### Week 3
- The Avoid-Shift-Improve (ASI) Framework
  - The components of the ASI framework
  - Progressive transport and city planning
  - The social equity dimension
  - Developing your vision

#### Week 4
- Integrated urban planning and transport
  - Global urban growth
  - Transit-oriented development
  - Accessibility planning
  - Best practice cities
COURSE PART 2

Components of Transport Planning for Sustainable Cities

Week 1
The Components of Sustainable Urban Mobility
- Travel demand management (TDM)
- TDM case studies
- Car parking management
- Street space allocation in your city

Week 2
Public Transport
- Mass transit options
- Metro and Light Rail Transit
- Global Bus Rapid Transit practice
- Informal Transport

Week 3
Walking, Public Space and Cycling
- Encouraging active modes
- Gender and mobility
- Assessing walkability in your city
- Bike sharing

Week 4
Low Emission Vehicles
- Advances in low emission vehicles & fuels
- How sustainable are biofuels?
- Electric mobility
- Low emission vehicle application

Week 5
Decision-Making Process and Participation
- Well-being and social equity
- Political economy of project implementation
- Normative & participatory transport planning
- Developing a sustainable transport strategy

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Kick-Off: November 29
5 Weeks
4,8 Star Rating

Transformative Urban Mobility Initiative
UCL
Future Learn
CASE STUDIES ON TRANSPORT AND CITY PLANNING
Learning from good practice and reflections from experts and practitioners