

MSC (REDESIGNING THE POST-INDUSTRIAL CITY)

Programme Learning Outcomes

Programme Learning Outcomes for MSc in Redesigning the Post-Industrial City (NFQ Level 9, Major Award)

On successful completion of this programme, students should be able to:

- Possessing sound knowledge of urban transformations and urban design in a global perspective; and being able to apply this knowledge in practice, and across different jurisdictions.
- Critically analyse, evaluate and visualize geospatial data referring to urban themes and topographies offered by digital data infrastructures, such as the INSPIRE Geoportal; they have insights into the foundation needed to apply data analytics to real-world post-industrial urban transformation challenges.
- Critically analyse factors influencing different places and spaces within urban settings, but also the ability to compare between different cities and urban environments.
- Acquired a general urban studies approach towards urban structures, processes, and governance, understanding globally and locally intertwined development paths influencing urban settings.
- Understand the dynamics of the revitalization of the post-industrial city from social science, sustainability studies and circular economy perspectives.
- Possessing advanced research, professional, digital design, and spatial analysis skills.
- Mediate knowledge exchange activities between the spheres of experts and laypersons, academics, and citizens.
- Think beyond disciplinary boundaries and to explore and generate new ideas that can be applied to current and emergent challenges.
- Communicate and translate between different professional orientations and cultures, having learned to build up empathy, work with different social groups, bring together different stakeholder group perspectives and work in multinational teams.