

ARC594 Sustainable Urban Development

Faculty of Architecture- Compulsory course

Credit: 3 ECTS: 7,5



Course Description: ARC 594 Sustainable Urban Development is a comprehensive exploration of sustainable urban development policies and their practical implementations within the context of urban neighbourhoods. This course serves the multifaceted aspects of sustainable urban development, providing students with a deep understanding of relevant research methods for monitoring and assessing sustainable development targets at the urban scale. Through an interdisciplinary approach, students will examine diverse perspectives, case studies, and reference materials to gain insights into sustainable city practices and spatially sustainable urban growth strategies adopted by various countries.

Course Outcomes:

- Understand the fundamental principles and theories of sustainable urban development, encompassing environmental, social, and economic dimensions.
- Analyze and critique sustainable development policies implemented in urban neighbourhoods, considering their effectiveness and impact on the community.
- Apply research methods and tools for monitoring and evaluating progress towards sustainable development targets in urban zones.
- Evaluate the role of interdisciplinary collaboration in addressing complex challenges related to sustainable urban development.
- Explore and compare diverse case studies from around the world to gain insights into successful sustainable city initiatives.
- Develop the ability to propose and justify spatially sustainable urban growth implementations, considering the unique characteristics and challenges of different regions.
- Demonstrate proficiency in synthesizing information from various references to critically assess the strengths and weaknesses of sustainable urban development strategies.
- Engage in discussions on ethical considerations and equity issues related to sustainable urban development policies and implementations.
- Cultivate effective communication skills to articulate and convey complex ideas related to sustainable urban development to diverse stakeholders.
- Foster a commitment to lifelong learning by staying informed about emerging trends, innovations, and challenges in the field of sustainable urban development.