Master’s Programme in Spatial Planning and Transportation Engineering

Built environment frames our everyday life. In the new Master’s Programme in Spatial Planning and Transportation Engineering, we shape these frames.

Why a degree in spatial planning and transportation engineering?

Urban realities are becoming increasingly dynamic, complex and fragmented while demands for their liveability, sustainability, competitiveness, and attractiveness increase. This requires new skills in systemic understanding, problem-solving, and integrative planning and policy-making beyond sectorial boundaries.

This programme focuses on important future challenges of sustainable built environment, tackling topical global megatrends, such as urbanization and need for greener cities. The uniqueness of the program is its focus on a wide range of approaches from people’s daily life and mobility to large scale strategic and systemic thinking necessary for shaping the built environment.

Master’s thesis (30 cr)

Elective studies (30 cr)

Major studies (20 cr)

Students select 20 cr of courses (5 cr each)
- Participatory Planning
- Smart & Liveable City Studio (10 cr)
- Traffic Flow Theory
- Traffic Management
- Transport Modelling
- Urban and Regional Development
- Urban Experience
- Special course (changing themes)

Major studies, common (40 cr)

Obligatory courses
- Land Use Planning Systems
- Planning Theory
- Planning Studio (10 cr)
- Seminar
- Systems Thinking for Sustainable Living Environment
- Transport Policy and Economics
- Transport Systems Planning

Responsible professors:
Marketta Kytä, Tapio Luutinen, Milos Mladenovic, Raine Mäntysalo