SUSTAINABLE URBAN DESIGN - MODULE MAP 2026-2027

GROUP	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5 SUMMER STUDIES
BEUDP26A6	Core competence **Sustainable Urban Design, 15 cr** Orientation to Engineering Studies 1 cr, SD00FM47-3002 Geography and Ecology and Urban Systems, 4 cr, SD00EV78-3003 Functions and Equations, 3 cr, KM00GA83-3018 Finnish 1, 3 cr, KM00FM66-3010 Introduction to Academic Writing, 2 cr, KM00FL52-3005 Sustainable Development. Now., 2 cr, VV00EH16-3038	Core competence **Urban Infrastructure and mobility, 15 cr** Professional Development, 2 cr, SD00GC12-3001 Chemistry, 2 cr, SD00EW16-3003 Urban Planning and Design, 6 cr, SD00FM49-3002 Geometry and Vectors, 3 cr, KM00GA84-3017 Finnish 2, 2 cr, KM00FM67-3010	Core competence **Urban Planning and Socio Economics, 15 cr** Economic Sustainability of Cities, 3 cr, SD00EV81-3003 Urban Areas for Wellbeing, 4 cr, SD00FM51-3002 Cities of and for People,4 cr, SD00FM52-3002 Finnish 3, 2 cr, KM00FM68-3010 Basics of AutoCAD in Urb. Design, 2 cr, SD00FM53-3002	Core competence **Urban Ecosystems, 15 cr** Sustainable Structures and Materials, 3 cr, SD00FM54-3002 Urban Biodiversity, 3 cr, SD00FM55-3002 Green Infrastructure, 3 cr, SD00FM56-3002 Finnish 4, 3 cr, KM00FM69-3010 Basics of Mechanics, 3 cr, SD00GC11-3001	
BEUDP25A6	Core competence **Mobility systems and services, 15 cr** **Traffic Systems, 4 cr, SD00EV89-3002** Travel surveys, 4 cr, SD00EV90-3002 Mobility Design, 5 cr, SD00EV91-3002 Technical English, 2 cr, KM00FM65-3005	Core competence **Data Analytics and Digital Twins, 15 cr** Public awareness and Communication Tools, 2 cr, SD00EV94-3002 Data Platforms for Sustainable Design, 6 cr, SD00EV92-3002 Digital Twins 4 cr, SD00EV93-3002 Technical English, 3 cr, KM00FM65-3005	Core competence **Urban Infratructure, 15 cr** Streets and roads, 4 cr, SD00EV95-3002 Energy Efficiency in Urban Environments, 4 cr, SD00EV96-3002 Stuctures and their Design, 4 cr, SD00EV97-3002 Water and Sewage Systems, 3 cr, SD00EV98-3002	Core competence **Project Management, 15 cr** Introduction to cross-cultural communication, 2 cr, KK00EY12-3004 Innovation project, 5 cr, VV00GB64-3010 Innovation and Risk Management, 2 cr, SD00EW01-3002 Grey and Green Infrastructure, 3 cr, SD00EW02-3002 Professional Writing and Communication, 3 cr, KM00GB59-3002	
BEUDP24A6	Profiling competence **Designing Sustainable Urban Environments I - Preliminary Survey** Preliminary Survey - Data collection for Survey Design, 5 cr, SD00EW05-3001 Preliminary Survey, Stakeholder Engagement for Survey Design, 15 cr, BE00EW29-3001 Preliminary Survey - Impact assessment, 5 cr, BE00EW30-3001	Profiling competence **Designing Sustainable Urban Environments II - General Planning** General Planning - Integrating Sustainable Design, 5 cr SD00EW06-3001 General Planning - Stakeholder Engagement in Planning Process, 5 cr, BE00EW31-3001 General planning - Future Scenarios, 5 cr, BE00EW32 - 3001	Profiling competence **Designing Sustainable Urban Environments III - Urban Design** Urban Design - Project Implementation, 5 cr, SD00EW07-3001 Urban Design - Public Outreach Strategies, 15 cr, BE00EW33-3001 Urban Design - reflection, 15 cr, BE00EW34-3001	Profiling competence **Designing Sustainable Urban Environments IV - Maintenance** Maintenance - Preventive maintenance, 5 cr, SD00EW08-3001 Maintenance - User Manual, 5 cr, BE00EW35-3001 Maintenance - Stakeholder Hand-over, 5 cr, BE00EW36-3001	
	Profiling competence **Optional studies 15 op**				
	Thesis 15 op				