



POLYTECH

Peter the Great
St. Petersburg Polytechnic
University

ENGINEERING

ENVIRONMENTAL ENGINEERING IN URBAN CONSTRUCTION

PROGRAM NAME: Environmental Engineering in Urban Construction

AWARD: Master of Science in Civil Engineering

MODE OF STUDY: Full-time (state-funded + contract)

COURSE DURATION: 2 years at SPbPU

PROGRAM OUTLINE: The program prepares specialists in urban construction who are able to solve environmental problems and apply technologies for environmental protection. The program provides practical experience of research and management, together with profound knowledge of chemical physical and engineering principles forming the basis of environmental engineering technologies.

CURRICULUM (GENERAL MODULES):

MODULES	ECTS
General Education Courses	14
Mathematical Modelling and BIM-Technologies	10
Basics of Environmental Protection in Construction	12
Applied Ecology in Construction	12
Mobility Module	5
Scientific and Research Work	42
Master's Thesis	25
Total	120

ENTRY REQUIREMENTS: Bachelor's, Specialist's or Master's degree in a relevant area is required / English language proficiency - B+ (CEFR B2) / Exam Test in a relevant field of studies / Interview in English with a program coordinator (Skype option is available).

PARTNERS:

- Hamburg University of Technology
- University of Applied Sciences of Köln
- LUT University

CAREER OPPORTUNITIES: With the knowledge and practical skills acquired by completion of this course, many graduates may continue to study for a PhD, become research assistants or work for international companies or set up their own business.

