



Study Plan

M.Sc. Environmental Engineering

Specialization: Environment Protection Engineering

Faculty of Building Services, Hydro and Environmental Engineering

Study plan for reference only; may be subject to change.

Semester 1

Name of subject	ECTS
HES - Searching and Sharing of Knowledge	2
HES - Environment Protection Management	4
Computational Methods in Environmental Engineering	4
Environmental Physics	4
Spatial Planning	2
Monitoring of Environment	3
Reliability and Safety of Engineering Systems	2
Applied Climatology	3
Irrigation and Drainage	3
Introduction to Remote Sensing of Environment	3

Semester 2

Name of subject	ECTS
Geostatistics	4
Heat and Mass Transfer	3
Environmental Chemistry II	3
Pro-ecological Technologies	2
Groundwater Protection	4
Land Reclamation and Development	4
Municipal Solid Waste Treatment Technology	3
Global Climate Change	4
Spatial Data Visualisation and Analysis	3
Internship	4

Semester 3

Name of subject	ECTS
Alternative Energy Sources	3
Diploma seminar	1
MSc Diploma	20
Elective courses (2) *	6

* Elective courses:

Forecasting of Meteorological Hazards

Environment Protection in Transport Systems

Data Bases

Building Heating Systems III

Energy Audit of Buildings and Industry

Rationalization of Heat Energy Use

Microbiology of the Air