

## Short-term Intensive Course on Environmental Engineering, Environmental Technology

The aim of the course is to transfer modern and practice-oriented skills of **Environmental Technologies**. Participants learn up-to-date knowledge in natural elements, environmental problems and damages and learn how to utilize natural resources rationally, develop and operate environmental and cleaner technologies. Students get professional practical knowledge in the following areas of Environmental engineering: water management, waste management, air quality technologies, environmental analysis, noise and vibration protection, etc. This course will contain some professional visits to connecting plants, too.

### Three weeks Intensive Course

Course list:

Name of Subject/ Neptun code	Number of teaching hours/week:		Requirement	Credit Points	Responsible for the subject
	Lecture	Practice			
Measurement Techniques and Monitoring of Environmental Engineering I. (Lecture and Lab) <b>MFKMM31K03-EN</b>	2	2	msg	3	Dr. Ildikó Bodnár/ Dr. Andrea Üveges-Keczán
Water Management and Water Quality Protection II. (Lecture and Lab) <b>MFVGV32K03 -EN</b>	2	1	e	3	Dr. Ildikó Bodnár
Ecology I. (Lecture) <b>MFOK031K02-EN</b>	2	0	e	2	Dr. Czédli Herta
Environmental Technology (Lecture) <b>TKBE1114_EN</b>	2	0	e	3	Dr. Deák György
Environmental Technology (Lab) <b>TKBL1114_EN</b>	0	2	msg	2	Dr. Deák György

Environmental Chemistry (Lecture and Lab) <b>TKME0414_EN</b>	2	1	msg	3	Dr. Kéri Mónika Dr. Bányai István
Mass spectrometry in the service of environmental analysis (Lab)	0	2	msg	2	Nagy Tibor
Process Control (Lecture and Lab) <b>TKBG0612_EN</b>	2	2	msg	4	Dr. Árpád István

### Sample Schedule for Environmental Engineering, Environmental Technology

First week

	Monday	Tuesday	Wednesday	Thursday	Friday
1	Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
2	Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
3 4 5	Laboratory Practice, Environmental analysis	Laboratory Practice, Environmental analysis	Laboratory Practice, Water Management and Water Quality Protection	Ecology	Professional visits
6 7 8	Laboratory Practice, Environmental analysis	Laboratory Practice, Environmental analysis	Laboratory Practice, Water Management and Water Quality Protection	Ecology	Professional visits

Second week

	Monday	Tuesday	Wednesday	Thursday	Friday
1	Environmental Technology	Environmental Technology	Environmental Technology	Environmental Technology	Environmental Technology
	Process Control	Process Control	Process Control	Process Control	Process Control

2					
3	Process Control	Process Control	Process Control	Process Control	Process Control
4					
5					
6	Environmental Technology Lab.	Environmental Technology Lab.	Environmental Technology Lab.	Environmental Technology Lab.	Environmental Technology Lab.
7					
8					

Third week

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
1	Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
2	Mass spectrometry in the service of environmental analysis (Lab)	Mass spectrometry in the service of environmental analysis (Lab)	Mass spectrometry in the service of environmental analysis (Lab)	Mass spectrometry in the service of environmental analysis (Lab)	Mass spectrometry in the service of environmental analysis (Lab)
3	Mass spectrometry in the service of environmental analysis (Lab)	Mass spectrometry in the service of environmental analysis (Lab)	Mass spectrometry in the service of environmental analysis (Lab)	Mass spectrometry in the service of environmental analysis (Lab)	Mass spectrometry in the service of environmental analysis (Lab)
4					
5					
6	Environmental Chemistry	Environmental Chemistry	Environmental Chemistry	Environmental Chemistry	Environmental Chemistry
7					
8					

Please note that this is only a sample schedule. Subjects can be changed and further subjects can be added according to the needs of the applicants. For further information please contact:

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