

# *Short-term Intensive Course in Environmental Management*

## *Centre for Agricultural and Applied Economic Sciences, University of Debrecen, Hungary*



The city of Debrecen has more than 200,000 inhabitants, making it the second largest city in Hungary. It lies in the north-eastern part of the Great Plain region about 240 km from Budapest. Debrecen is the cultural and scientific centre of eastern Hungary, a city of festivals, which has always been able to renew itself during its turbulent history of more than 650 years.

The city is also attractive to tourists. It receives hundreds of thousands of visitors every year during its festivals, which include the Béla Bartók International Choir Contest, Debrecen's Jazz Days, the Hungarian language and cultural courses of the Debrecen Summer School, or the Flower Carnival held each year on 20th August.

Thousands of students attending college or university-level faculties choose to live and study in our city each academic year.





# *The University of Debrecen (UD)*

The University of Debrecen, like other integrated institutions of higher education in the country, was formed on 1st January, 2000, through the (re)union of formerly independent institutions. The University is historically rooted in the Reformed College of Debrecen (founded in 1538) whose three academic sections later served as the basis for the establishment of the Hungarian Royal University of Sciences, created in 1912.

With this heritage of more than 450 years, UD is one of the oldest institutions of higher education in Hungary.

Today the university is comprised of 15 faculties and three agricultural research centres and has close to 35,000 students, out of which 3,500 are internationals.

UD ranks among the top state higher education institutions in the country. It was awarded the titles “Research University” (in 2010) and “University of National Excellence” (in 2012) by the Hungarian Government.





# Short-term Intensive Course in Environmental Management

The 4-week-long course on Environmental Management and Engineering is designed to develop the students' graduate knowledge and improve it with regard to the latest research and technological results related to agri-environmental issues.

The field of environmental management is broad and the programme reflects this diversity, with emphasis on natural resource management, environmental impact assessment, environmental technologies aiming especially soil and water protection, waste management, environmental informatics, which are the key research areas of the Department of Water and Environmental Management responsible for the course.



# Sample Schedule for Short-term Intensive Course in Environmental Management

## Week 1

Monday	Tuesday	Wednesday	Thursday	Friday
Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
Nature Protection	Nature Protection	Environmental Management	Environmental Management	Environmental Impact Assessment
Nature Protection	Nature Protection	Environmental Management	Environmental Management	Environmental Impact Assessment
Nature Protection	Nature Protection	Environmental Management	Environmental Management	Environmental Impact Assessment
Environmental Law and Administration in Europe	Environmental Law and Administration in Europe	Environmental Management Systems in Production	Environmental Management Systems in Production, practice, case studies	Environmental Impact Assessment practice, case studies
Environmental Law and Administration in Europe	Environmental Law and Administration in Europe	Environmental Management Systems in Production	Environmental Management Systems in Production, practice, case studies	Environmental Impact Assessment practice, case studies
Environmental Law and Administration in Europe	Environmental Law and Administration in Europe	Environmental Management Systems in Production	Environmental Management Systems in Production, practice, case studies	Environmental Impact Assessment practice, case studies

## Week 2

Monday	Tuesday	Wednesday	Thursday	Friday
Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
Environmental Chemistry	Environmental Chemistry	Hydrology	Hydrology practice, surface water modelling	Energetics, Alternative Energy Resources
Environmental Chemistry	Environmental Chemistry	Hydrology	Hydrology	Energetics,
			practice, surface water modelling	Alternative Energy Resources
Environmental Chemistry	Environmental Chemistry	Hydrology	Hydrology practice, surface water modelling	Energetics, Alternative Energy Resources
Environmental Toxicology	Environmental Toxicology	Water Pollution and Quality Protection	Water Pollution and Quality Protection	Environmental Measurement Techniques
Environmental Toxicology	Environmental Toxicology	Water Pollution and Quality Protection	Water Pollution and Quality Protection	Environmental Measurement Techniques
Environmental Toxicology	Environmental Toxicology	Water Pollution and Quality Protection	Water Pollution and Quality Protection	Environmental Measurement Techniques



# Sample Schedule for Short-term Intensive Course in Environmental Management

## Week 3

Monday	Tuesday	Wednesday	Thursday	Friday
Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
Energetics, Alternative Energy Resources	Environmental Measurement Techniques practice (laboratory work)	Environmental Measurement Techniques practice (field work)	Drinking water treatment	Environmental Modelling
Energetics, Alternative Energy Resources	Environmental Measurement Techniques practice (laboratory work)	Environmental Measurement Techniques practice (field work)	Drinking water treatment	Environmental Modelling
Energetics, Alternative Energy Resources	Environmental Measurement Techniques practice (laboratory work)	Environmental Measurement Techniques practice (field work)	Drinking water treatment	Environmental Modelling
Energetics, Alternative Energy Resources, practice, site visit	Air Quality Protection	Air Quality Protection	Drinking water treatment practice (Surface water treatment plant)	Environmental Modelling practice (groundwater modelling)
Energetics, Alternative Energy Resources, practice, site visit	Air Quality Protection	Air Quality Protection	Drinking water treatment practice (Surface water treatment plant)	Environmental Modelling practice (groundwater modelling)
Energetics, Alternative	Air Quality Protection	Air Quality Protection	Drinking water treatment	Environmental Modelling
Energy Resources, practice, site visit			practice (Surface water treatment plant)	practice (groundwater modelling)

## Week 4

Monday	Tuesday	Wednesday	Thursday	Friday
Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
Subject specific English	Subject specific English	Subject specific English	Subject specific English	Subject specific English
Waste water treatment	Soil Remediation	Soil Remediation	Waste Management	Waste Management
Waste water treatment	Soil Remediation	Soil Remediation	Waste Management	Waste Management
Waste water treatment	Soil Remediation	Soil Remediation	Waste Management	Waste Management
Waste water treatment practice (Waste water treatment plant)	Applied Ecology	Applied Ecology	Latest R&D in the environmental technologies	Waste Management practice (solid urban waste deposit)
Waste water treatment practice (Waste water treatment plant)	Applied Ecology	Applied Ecology	Latest R&D in the environmental technologies	Waste Management practice (solid urban waste deposit)
Waste water treatment practice (Waste water treatment plant)	Applied Ecology	Applied Ecology	Latest R&D in the environmental technologies	Waste Management practice (solid urban waste deposit)

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.

The cost of the intensive course is 1500 EUR/person. Accommodation can be booked at the University's dormitories from 200 EUR/month/person price.

The cost of full board is 500 EUR/ month.

For further information please contact:

Ms. Orsolya Jánosy, head, International Education Office,

Centre for Agricultural and Applied Economic Sciences, University of Debrecen

H-4032 Debrecen, Böszörményi út 138.

Tel: +36-52-508-403, Fax: +36-52-508-406, E-mail: janosyo@agr.unideb.hu