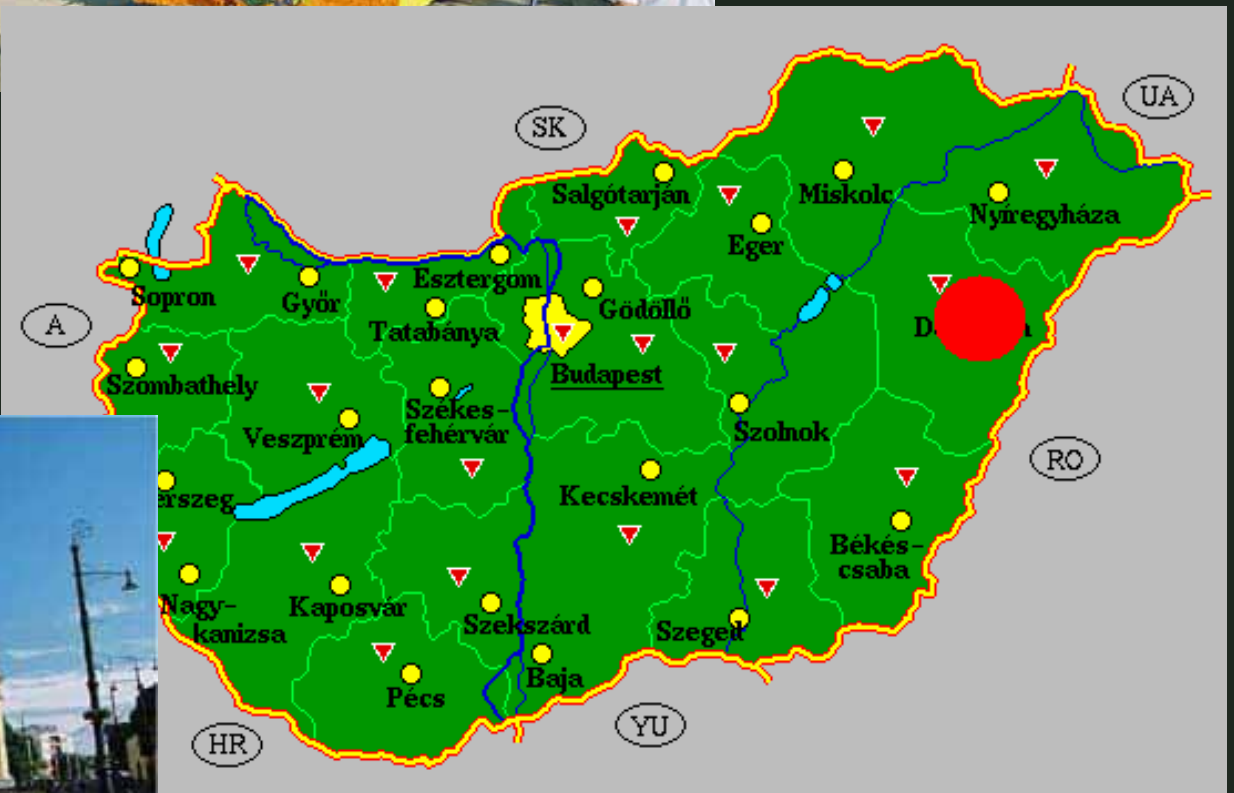


DEBRECEN





**University of Debrecen is the 2nd
largest university in Hungary**

**15 Faculties
30 000 Students**



15 Faculties

~ 30.000 Students

FAC. OF AGROECONOMICS AND RURAL DEVELOPMENT

FACULTY OF AGRICULTURE

FACULTY OF ENGINEERING

Conservatory

Faculty of Law

Faculty of Arts

Faculty of Sciences

Faculty of Education

Faculty of Informatics

Faculty of Economics and BA

Faculty of Health College

School of Public Health

Faculty of Dentistry

Faculty of Medicine

Faculty of Pharmacy



The doctoral schools

Sciences

- Mathematics and Computer Sciences
- Physics
- Chemistry
- Earth Sciences
- Biology
- Ecology

Humanities and Social Sciences

- History
- Literature
- Linguistics
- Multidisciplinary Humanities
- Economics

Technical Sciences

- Mechanical Engineering Sciences





Faculty of Engineering

3 000 Students



Dep. of Mechanical Engineering

Dep. of Building Services

Dep. of Civil and Structural Engineering

Dep. of Architecture and Urban Sciences

Dep. of Chemical and Environmental Engineering

Dep. of Electrical Engineering

Dep. of Management and Economics

Department of Mathematics and Informatics



Important dates from the history of the Faculty of Engineering

1965 Technical College

1972 Ybl Miklós Polytechnic
(Budapest unit and Debrecen unit)

1995 Faculty of Engineering
Lajos Kossuth University

2000 Faculty of Engineering
University of Debrecen





Foundation of the branches

- 1972** architecture and mechanical engineering
building industrial specialization
- 1984** civil engineering
- 1987** mechanical engineering building service
engineering specialization
- 1991** urbanism
- 1994** technical management
- 2001** environmental engineering



BSc level branches

2005 Mechanical Engineering

2005 Environmental Engineering

2006 Civil Engineering

2006 Architecture

2006 Engineering Management

In preparation

BSc programs

Mechatronics

MSc programs

Civil Engineering

Mechanical Engineering

Technical Management



BSc level students financed by government

Branch	2004		2005		2006	
		Application rate		Application rate		Application rate
Architecture	66	215%	66	212%	90	173%
Civil Engineering	29	252%	55	201%	80	129%
Environmental Engineering	25	216%	45	107%	60	102%
Engineering Management	59	122%	59	315%	70	57%
Mechanical Engineering	83	106%	90	142%	110	135%



Main research subjects

Dep. of Mechanical Engineering

The electrical way of the measurement of a non-electrical quantity

The production and the mechanical examination of fibre polyethylene

The production and the mechanical examination of carbon fibre poliuretán elastomer

Welding problems of high solidity steel

The evolution of material handling machines



Dep. of Building Services

Air technical systems and the pressure adherence of the supplied spaces

The use of environment friendly energies

Mathematical modelling of district heating systems

Dep. of Civil and Structural Engineering

Behaviour and modelling of fibre reinforced concrete structures





Dep. of Management and Economics

Application of fuzzy logic in the maintenance decision making

Planning and maintenance on the base of reliability theory

Dep. of Mathematics and Informatics

Mathematical modelling of structures of civil engineering

Functional equations and inequalities





Programme of Study in Civil Engineering Branch

First year: subjects similar to all professional engineering programmes

Second year: core civil engineers modules on structural analysis, structural design, hydraulics and water engineering, geology and soil mechanics

Third year: module on building services integrate the requirements of heating, ventilation, and drainage in a successful design

Fourth year: structural theory, structural design, buildings and construction regulations. Student is involved in a final year project to solve problems related to the civil engineer profession



ERASMUS PARTNERS
(Student's and researcher's mobility)

Presov	mechanics, management	
Kosice	architecture, urbanism	
Zilina	mechanics	
Lemgo	mechanics, architecture	
Höxter	environmental engineering	
Wismar	mechanics, architecture, management	
Leeuwarden	mechanics	
Riga	Architecture, environmental engineering	





**Scientific periodical
of the faculty**

**Debreceni
Műszaki
Közlemények**

*Languages:
English,
German,
Hungarian*

**This journal is available for researchers
in all fields of engineering
and related topics.**



Thank you for your kind attention