

### Hungary's largest selection of educational programmes





**8** faculties



**25,000** students, **2,200** international students



38 bachelor programmes, 219 combined undergraduate-graduate

combined teaching programmes



96 master programmes



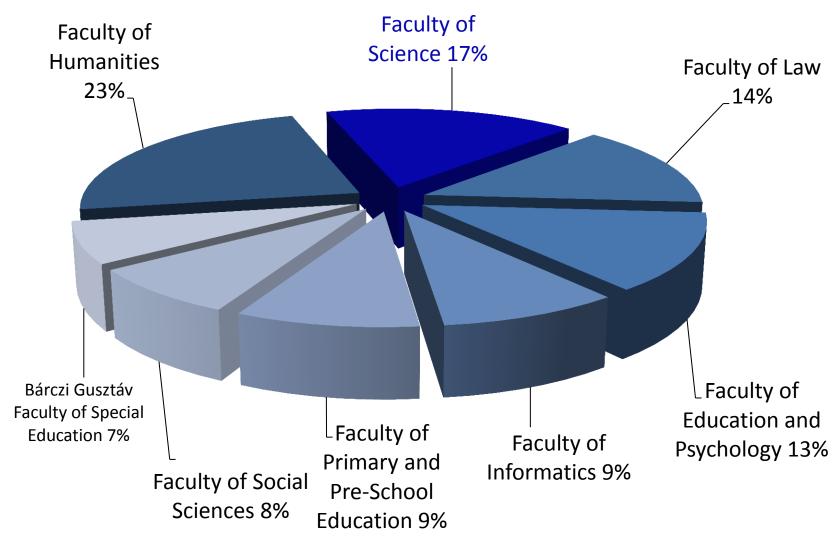
62 degree programmes in foreign languages (mainly in English)



2 118 doctoral programmes in 16 PhD schools

### **Facts and figures - Students**



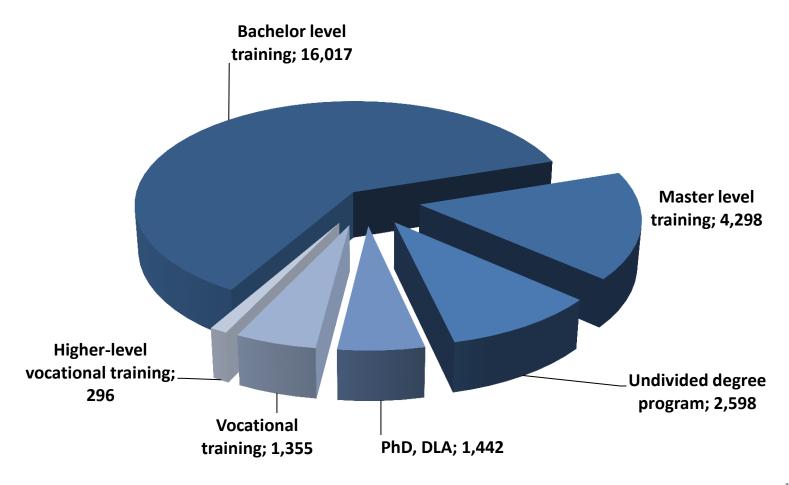




ACUS SVI

Number of first-year students: ab. 8,600

Total number of students: ab. 25,000





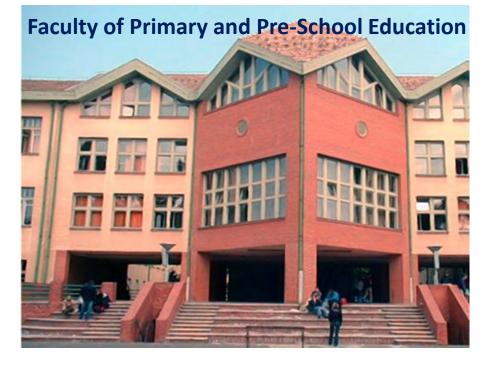
### **Eight faculties**





### **Eight faculties**





**Faculty of Education and Psychology** 





# **Faculty of Science**

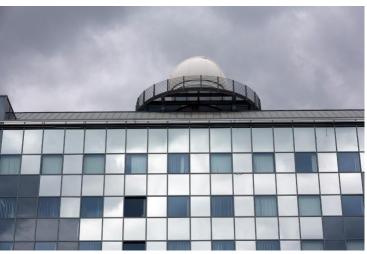






# **Brief History of the Faculty**

- 1949: The independent Faculty of Science was established
- 1950: The university was named after Baron Loránd Eötvös a famous Hungarian physicist
- 1953 and 1957: The faculty was split into two, then united again
- **2001:** The faculty moved to the new Lágymányos Campus
- 2003: The faculty was restructured for educational reasons







### **Nobel Prize Laureates**



Fülöp Lénard Phisycs 1905



Albert Szentgyörgyi Medicine 1937



György Hevesi Chemisry 1943



György Békésy Medicine 1961



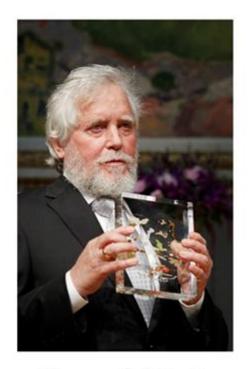
János Harsányi Economics 1994



## **Wolf Prize Laureates**



Lovász László



Szemerédi Endre



# Management of the Faculty

Dean: Dr. Péter Surján



Vice Dean for Education: Dr. Erzsébet Horváth



Vice Dean for Strategic Planning and Development: Dr. Imre Jánosi

Vice Dean for Doctoral & Habilitation

Qualification, and International Relations:

Dr. Tibor Jordán



### **Institutes and Centre**

- Institute of Biology
- Institute of Chemistry
- Institute of Geography and Earth Sciences
- Institute of Mathematics
- Institute of Physics
- Centre of Environmental Sciences







# **Doctoral Schools at the Faculty**

- Doctoral School in Biology
- Doctoral School in Chemistry
- Doctoral School in Earth Sciences
- Doctoral School in Environmental Sciences
- Doctoral School in Mathematics
- Doctoral School in Physics









# Other Units at the Faculty

#### **Educational and Research Service Units**

- Centre for Science Communication and UNESCO Chair for Multimedia in Education
- Natural History Museum
- Faculty Library

#### **Functional Units**

- Office of Study Administration and Student Affairs
- Office of Doctoral Administration and International Relations
- Office of Financial and Technical Support







# **Facts and figures**

### Structure by fields of study and research

	Departments and Other Related Units	Doctoral Programmes
Biology	12 departments + 1 joint units	10
Chemistry	4 departments	3
Earth Sciences	11 departments + 5 groups/ outside units	5
Environmental Sciences	1 centre	4
Mathematics	7 departments + 1 centre	2
Physics	5 departments	4



# **Facts and figures**

# International students on English – language training programmes in Academic Year 2016 - 2017

Degree students	75
BSc	-
MSc	45
Stipendium Hungaricum	43
PhD	30
Stipendium Hungaricum	15

Non-degree/exchange students	49
Erasmus+	29
Stipendium Hungaricum	2
Bilateral agreement	2
Visiting	1
Budapest Semester in Cognitive Science (joint program)	16



# **English training at the Faculty**

Several programmes **combining theory and practice/research**:

- Master's degree programmes (MSc)
- Doctoral degree programmes (PhD)





# Research at the Faculty

In all the main areas within:

- biology (animal taxonomy, plant taxonomy, biochemistry, anthropology, ethology, physiology, genetics, immunology, microbiology, plant physiology, plant morphology)
- chemistry (analytical chemistry, organic chemistry, inorganic chemistry, physical chemistry)
- earth science (geography, geology, mineralogy, geophysics, petrology and geochemistry, paleontology, astronomy and space science, meteorology)
- environmental sciences (environmental biology, environmental physics, environmental chemistry, environmental earth science)

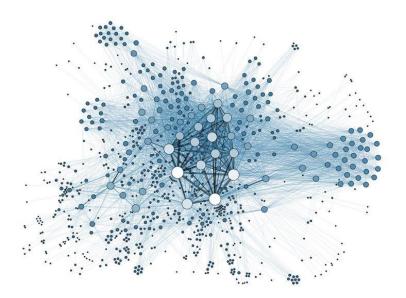






# Research at the Faculty

- mathematics (applied analysis, applied statistics, differental geometry, group theory, number theory, algebras and algorithms, stochastic models, large networks, combinatorics)
- physics (astrophysics, biological physics, environmental physics, material physics, physics of quantum systems, statistical physics and complex systems)







# **Cooperation with partners**

#### **Institutions**

- Research institutes of the Hungarian Academy of Science, especially its Research Centre for Natural Sciences (located on campus)
- Universities and research institutes worldwide







#### **Industrial Partners**

Several national and multinational companies contribute to

- the research work with financial support
- the training by ensuring
  - experts to give classes
  - student placements



### Degree programmes in academic year 2017/2018

#### **Master programmes**

- MSc in Biology
- MSc in Chemistry
- MSc in Geology
- MSc in Meteorology
- MSc in Astronomy
- MSc in Environmental Science
- MSc in Mathematics
- MSc in Physics

#### **Doctoral programmes**

- Doctoral School of Biology
- Doctoral School of Chemistry
- Doctoral School of Earth Sciences
- Doctoral School of Environmental Sciences
- Doctoral School of Mathematics
- Doctoral School of Physics



# **Admission requirements**

- Copy of Bachelor-level degree/Master-level degree
- Copy of Transcript of records
- CV with photo
- Motivation letter/research plan
- Letter of recommendation (some programmes need)
- Application form
- ☐ Copy of application fee transfer
- Certificate of English language skills (at least B2)
- Copy of the main pages of the passport
- Medical certificate
- Certificate of clean criminal records
- ☐ Reference work (who apply for PhD programme)



# Application procedure in general

- **1. Contact** the program coordinator by email
- 2. Agree on the research topic with the relevant supervisor (for PhD applicant)
- **3. Apply** by the deadline and **submit** all the required documents
- 4. We contact you before the entrance exam
- 5. Fill the registration form on the website (<a href="https://registration.elte.hu">https://registration.elte.hu</a>)
- 6. Take part in the **entrance exam** (organized by each Examination Board of Institute / Centre)
- 7. The Admission Board will make a **decision** no later than the end of July.

The topics of the doctoral programmes are available in the following website:

http://ttk.elte.hu/node/815

Note! Some degree programmes are launched only in case of at least minimum number of students.



### **Application deadlines for master programmes**

	September intake	February intake
MSc in Biology	30 March 2017	-
MSc in Chemistry	01 July 2017	15 December 2017
MSc in Geology	30 April 2017	-
MSc in Meteorology	15 February 2017	-
MSc in Astronomy	01 June 2017	-
MSc in Environmental Science	30 June 2017	-
MSc in Mathematics	31 May 2017	31 October 2017
MSc in Physics	31 May 2017 for non-EU citizens	-
	31 July 2017 for EU citizens	<del>-</del> 24



### **Application deadlines for doctoral programmes**

	September intake
Doctoral School of Biology	20 April 2017
Doctoral School of Chemistry	01 May 2017
Doctoral School of Earth Sciences	31 May 2017
Doctoral School of Environmental Sciences	31 May 2017
Doctoral School of Mathematics	30 April 2017
Doctoral School of Physics	30 May 2017



#### **Other Information**

#### **Duration:**

MSc programs: 2 years

PhD programs: 2 + 2 years

#### **Tuition fee:**

MSc programs: 4190 EUR/semester

PhD programs:

1910 EUR/semester (for EU citizens)

 or 2500 - 4500 EUR/semester depending on the research topic (for non-EU citizens)

**Application fee**: 160 EUR

**Registration fee:** 60 EUR





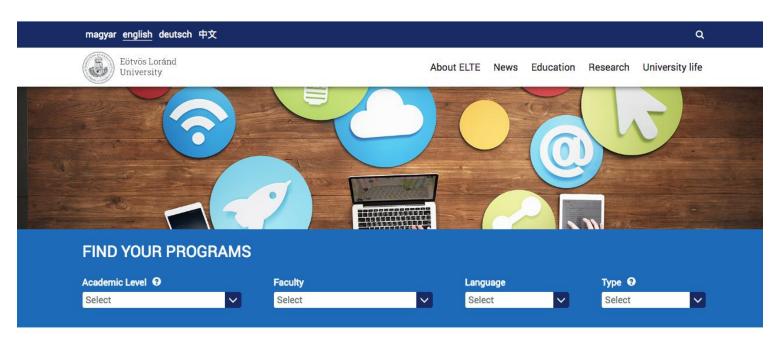




#### **More Information**

#### For further information visit the following website:

www.elte.hu/en/find-degree-program





#### **Contacts**

**Program coordinator** 

in Faculty of Science

Angelika Újváry

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