



(A) GENERAL DATA

Title	Doctoral School of Environmental Sciences
Degree	PhD in Environmental Sciences
Type	Degree program
Level	Doctoral level
Accreditation number	OH-FRKP/406-3/2007.
Faculty	Faculty of Science
Center	Centre of Environmental Sciences
Department(s)	Doctoral School of Environmental Sciences
Language	English
Duration	4 + 4 semester
ECTS credits	240
Place	ELTE Lágymányos Campus
Minimum number of new students	1



(B) PROGRAM CONTENT

Short description:

The aim of the program is to provide Ph.D. degree in one of the main directions of the Doctoral School of Environmental Sciences: environmental biology, environmental chemistry, environmental physics, or environmental geosciences. Emphasis is on the application of the given discipline in complex research projects, such as water quality changes and management, risk analysis and mitigation in various human and natural environments, renewable energy research, etc. The program offers training in up-to-date experimental methods and field exercises besides a solid theoretical background education.

Strength of program:

The main strength of the program is its multidisciplinary orientation. Candidates can learn and participate in complex research projects involving biologists, chemists, physicists, and geoscientists. We offer the program also for students who have not even decided their precise field of scientific orientation yet. Depending on their interest and background knowledge, projects can be shifted to different directions because of their open structure and flexible organization.



(C) STRUCTURE

The program requires 240 credits where 48 are given by regular courses during the first 4 semesters and the rest can be collected by participating at a research project.

The present course list consists of 38 items available both in English and Hungarian at http://www.doktori.hu/index.php?menuid=191&di_ID=64&lang=EN, under "2016. szeptember után induló képzés" **curriculum**.



(D) CAREER

Career opportunities:

People with similar degrees can find employment in various places such as environmental companies and organizations, governmental bodies and agencies, international organizations dealing with cross-border environmental activities, and many others in education.

Job examples:

Aerospace Engineer
Anthropologist
Architectural Historian
Asbestos Abatement Manager
Astronomer
Atmospheric Dispersion Modeler
Atmospheric Scientist
Chemical Oceanographer
Decontamination Technician
Emergency Disaster Response Technician
Environmental Biologist
Environmental Biotechnology
Environmental Chemist
Environmental Data Analyst
Environmental Engineer
Environmental Geologist
Environmental Health Safety Manager
Environmental Health Safety Trainer
Environmental Monitor
Environmental Psychologist
Environmental Sampling Technician
Environmental Writer
Fire Fuel Manager
Fire Protection Engineer
Fire Safety Specialist
Forensic Biologist
Forensic Scientist
Geological Oceanographer
Geologist
Geomagnetist
Geomorphologist
Geophysicist
Groundwater Sampling Technician



Habitat Restoration Engineer
Health Safety Engineer
Herpetologist
Historian
Hydrogeologist
Hydrologist
Ichthyologist
Immunologist
Industrial Hygienist
Integrated Water Resources Manager
Invertebrate Biologist
Lab Technician
Land Acquisition Manager
Lead Abatement Technician
Mammalogist
Marine Biologist
Metallurgist
Meteorologist
Microbiologist
Mineralogist
Mining Engineer
Mining Surveyor
Molecular Biologist
Nepa Ceqa Manager
Oceanographer
Ornithologist
Paleobiologist
Paleontologist
Paleozoologist
Petroleum Technician
Physicist
Primatologist
Remote Sensing Specialist
Seismologist
Volcanologist
Wildlife Biologist
Zoologist



(E) ADMISSIONS FOR THE ACADEMIC YEAR 2017/2018

TUITION AND OTHER FEES

	EU/EEA students	non-EU/EEA students
Tuition fee/semester	1910 (EUR)*	2500 – 4500 (EUR) depending on the research topic
Application fee	160 (EUR)	160 (EUR)
Registration fee	60 (EUR)	60 (EUR)

* Reduced fee: 350 EUR, if you research not in the University territory.

Offered for the academic year 2017/2018?	YES
Deadline for applications – September intake	31 May 2017
Is there a February intake?	NO

Admission requirements – Language requirements:

A master's degree in science is a requirement.

Criteria for ranking at the admission procedure shall include:

1. previous university achievement (examinations, comprehensive examinations, qualification of degree)
2. achievements related to previous research work (awards obtained in students' academic circles, publications in the particular professional area)

A reasonable good command of English is required.

Research program plan possibly arranged by one of the member of the faculty is warmly welcome.

Personal interview is not required, it can be replaced by Skype or phone talk.

Admission requirements – Documents to submit with application:

- ✓ Bachelor-level degree
- ✓ Master-level degree
- ✓ Transcript of records



- ✓ CV
- ✓ Motivation letter
- ✓ Research plan
- ✓ Letter of recommendation
- ✓ Application form
- ✓ Copy of the main pages of the passport (needs to be valid)
- ✓ Passport photo
- ✓ Medical certificate
- ✓ Certificate of clean criminal records
- ✓ Copy of application fee transfer
- ✓ Reference work

Other:

- ✓ - *list of publications (if not included in CV),*
- ✓ - *English language exam certificate,*
- ✓ - *documents of any other achievements or scientific activities*
(optional)

Application procedure:

Applications can be done by sending a letter to the program leader or coordinator with an application form, a short CV, copy of the degree certificate, transcript of results, a language examination certificate and a short summary of a research plan.

Application form can be downloaded from the following website: <http://ttk.elte.hu/node/820>.

Well before the deadline, applicants should contact the supervisor whose topic they have chosen, so as to find out if their knowledge and research experience are relevant to the subject. If so, they should agree with the supervisor on the outlines of the research, and should make a research plan approved by her/him.

Procedure of the entrance examination:

The applicant is expected to take an oral entrance examination. If a personal meeting is impossible, the interview is held through Skype or telephone. The application package is reviewed by an admissions committee.



(F) CONTACT

Program leader

Name: Prof. Imre M. JÁNOSI PhD.

E-mail: imre.janosi@ttk.elte.hu

Program coordinator

Thematic programs in Environmental Biology

Name: Éva Ács PhD.

Thematic programs in Environmental Physics

Name: Prof. Imre M. Jánosi

E-mail: imre.janosi@ttk.elte.hu

Thematic programs in Environmental Chemistry

Name: Prof. Tamás Turányi

E-mail: turanyi@chem.elte.hu

Thematic programs in Environmental Earth Sciences

Name: Csaba Szabó PhD.

E-mail: cszabo@elte.hu

International program coordinator

Name: Angelika Újváry

E-mail: inter@ttk.elte.hu