



Doctoral Schools

Babes-Bolyai University

Cluj-Napoca



UNIVERSITATEA BABEȘ-BOLYAI
BABEȘ-BOLYAI TUDOMÁNYEGYETEM
BABEȘ-BOLYAI UNIVERSITÁT
BABEȘ-BOLYAI UNIVERSITY

TRADITIO ET EXCELLENTIA

Babeş-Bolyai University is a public institution of higher education in Cluj-Napoca, a city located in the heart of Transylvania, with over 300,000 inhabitants, plus approximately 50,000 students during the academic year (from September to July). In Cluj-Napoca the higher education has a tradition dating back to 1581, and its rich heritage is assimilated, cherished and passed on to students, teachers and to the entire city community.

Babeş-Bolyai University invites candidates to enroll in doctoral studies offering a thorough foundation for their future research and/ or teaching activity. Babeş-Bolyai University is a multilingual and multicultural institution with competitive Bachelor, Master and doctoral programmes and with a valuable infrastructure (libraries, classrooms, laboratories). The low level of taxes (compared to other countries in the European Union) and the rich social and cultural life of the city are also reasons for choosing the Babeş-Bolyai University.

Doctoral studies represent, according to the Bologna Process, the third cycle of university studies, and has the purpose of expanding knowledge through original scientific research. They allow the acquisition of a level 8 qualification according to The European Qualifications Framework and to The National Qualifications Framework. Doctoral studies are currently regulated by the National Education Law No. 1/2011, the Government Decision No. 681/2011 fixing the framework for the Code of doctoral studies, and by the Babeş-Bolyai University internal regulations regarding the doctoral studies.

The Institute for Doctoral Studies at Babeş-Bolyai University coordinates all the administrative activities for doctoral studies, operating under the guidance of the Council for Doctoral Studies, and the councils of the doctoral schools. This structure ensures the unity of the doctoral studies, provides a framework for interdisciplinary approach, and facilitates communication between doctoral schools. The Council for Doctoral Studies includes nationally and internationally acknowledged academics, who are doctoral supervisors at UBB. The director of the Council for Doctoral Studies is also the director of the Institute.



Cluj-Napoca. View from the Fortress Hill (Dealul Cetățuia)



Babeş-Bolyai University. Courtyard of the main building



Aula Magna. The University Ceremony Hall



Architectural detail, the facade of the building

Doctoral studies are organized at UBB by 31 doctoral schools in the following fields: Accounting, Administrative Sciences and Cinematography and Media, Biology, Chemical Engineering, Chemistry, Communication, Cybernetics and Statistics, Economics, Economics and International Affairs, Education Sciences, Environmental Sciences, Finance, Geography, Geology, History, Informatics, International Relations and European Studies, Law, Management, Marketing, Mathematics, Philology, Philosophy, Physics, Political Sciences, Psychology, Science of Sport and Physical Education, Sociology, Theatre, Theology. Around 350 students are enrolled each year. Doctoral studies are organized in the form of full time, for the EU candidates there are in each year more than 150 available PhD grants and apart of this there are also more than 150 tuition exempted positions. For admissions and for the specific doctoral program school has its specific demands and regulations.



The admission to doctoral studies is done following an annual competition organized by the doctoral schools of Babeş-Bolyai University, through the Institute for Doctoral Studies. The annual competition usually takes place at the beginning of September. Only the holders of a master's degree diploma or of an equivalent diploma may participate in the admission process. When registering, the doctoral studies candidate chooses a doctoral supervisor, and then competes for a place coordinated by the supervisor. All the details pertaining to the admission process are made public in on the [home-page of the Doctoral Studies Institute](#).

The doctoral studies usually cover a period of 3 academic years, ending with the public defence of an original paper, called doctoral thesis, which is the result of the research activity carried out by the doctoral student. In the case of a successful defence of the thesis, followed by its validation by the National Council for Attestation of Academic Titles, Diplomas and Certificates (CNATDCU), the title of Doctor, with the corresponding acronym Dr., is granted through an order of the ministry of national education. On the basis of this order, Babeş-Bolyai University issues the Doctor's diploma, which explicitly specifies the doctorate's field.

Doctoral studies may also be organized as joint doctorates, and in this case the doctoral student from UBB has simultaneously two doctoral supervisors. The second doctoral supervisor will be chosen with the agreement of the first one, after enrollment at UBB, and can be either from Romania or from another country.

János Bolyai, mathematician



Victor Babeş, biologist



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Doctoral School in Mathematics and Computer Science

Doctoral supervisors Mathematics

Octavian AGRATINI

Operator Theory, Linear Approximation Processes, Quantum Calculus

Dorin ANDRICA

Geometry, Critical Point Theory, Lie Groups, Geometric Mechanics

Árpád BARICZ

Orthogonal polynomials and special functions

Valer - Daniel BREAZ

Geometry and Topology, Analysis, Applied Mathematics, Number Theory, Logic and Foundations of Mathematics, Statistics, Probability Theory

Simion-Sorin BREAZ

Modules, Abelian Groups, Rings, Homological Algebra

Brigitte - Erika BRECKNER

Topological Semigroups, Functional Analysis, Critical Point Theory, Analysis on Fractals

Florina - Adriana BUICĂ

Qualitative Theory of ODEs, Bifurcation Theory, Dynamical Systems

Teodor BULBOACĂ

Complex Analysis, Geometric Function Theory

Teodora - Maria CĂȚINAȘ

Approximation Theory, Numerical Methods

Septimiu CRIVEI

Module theory, Category theory

Heinz Herbert GONSKA

Algebra, Abstract Engineering Interpolation, Smoothness of functions

Teodor-Silviu GROȘAN

Theoretical Mechanics, Fluid Mechanics, Porous Media, Heat Transfer

Mirela KOHR

Fluid Mechanics, Potential Theory, Complex Analysis, Partial Differential Equations

Alexandru KRISTÁLY

Calculus of Variations, Critical Point Theory, Elliptic Problems, Riemann-Finsler Geometry, Geometric Analysis, Optimization on Manifolds

Hannelore LISEI

Stochastic Analysis, Variational Calculus

Andrei - Dorin MĂRCUȘ

Representation Theory of Groups and Algebras

George - Ciprian MODOI

Pure Mathematics, Representation Theory, Group Theory, Matrix Theory, Category Theory, Algebra

Adrian PETRUȘEL

Nonlinear Analysis, Differential Equations, Fixed Point Theory

Nicolae POPOVICI

Vector Optimization, Operations Research, Convex Analysis, Generalized Convexity, Set-valued Analysis

Radu PRECUP

Nonlinear Functional Analysis, Ordinary and Partial Differential Equations

The Faculty of Mathematics and Computer Science from Babeș-Bolyai University offers 3rd cycle academic studies in the form of PhD programmes in Mathematics and Computer Science, organized by the Doctoral School of Mathematics and Computer Science. The degrees offered are PhD in Mathematics and PhD in Computer Science, respectively. Target groups are graduates of master programmes in Mathematics, Computer Science, Computer Engineering, Economics, and Natural Sciences. The main purpose of the programmes is to develop advanced research skills and to produce valuable and internationally visible scientific results in the fields of Mathematics and Computer Science. Our programmes are promoting high-quality fundamental and applied research in Mathematics and Computer Science, as well as interdisciplinary research, by involving the PhD students in the most important and recent research projects of the faculty, including international cooperation with academic and industrial partners.

The major research topics in Mathematics are: Algebra, Analysis, Geometry, Complex Analysis, Approximation, numerical and statistical calculus, Nonlinear operators and differential equations and Mechanics. In Computer Science, the research topics include: Applied computational intelligence, Machine Learning and applications, Search Based Software Engineering, Modeling and Simulation and Intelligent Data Analysis.

The mission of the Doctoral school in Mathematics and Computer Science is to allow PhD students to pursue a high-quality research in Mathematics and Computer Science, as well as to continuously increase the scientific quality of mentoring doctoral students and the quality of their PhD theses. The Doctoral School supports joint doctoral degrees. The holder of a PhD diploma in Mathematics and Computer Science may activate in any academic or research institution, as well as in industrial or administrative fields.



Doctoral supervisors Computer Science

Anca - Mirela ANDREICA

Optimization, Artificial Intelligence, Data Mining, Complex Networking, Cellular Automaton, Image Processing

Camelia CHIRA

Evolutionary calculus, Metaheuristics, Complex networks

Gabriela CZIBULA

Automated training, Applied computing intelligence, Distributed artificial intelligence, Multi-

agent systems

Istvan CZIBULA

Search-based software engineering, Software engineering

Laura DIOȘAN

Artificial Intelligence, Automated Training, Soft Computing

Horia POP

Intelligent Data Analysis, Soft Computing, Artificial Intelligence

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Secretary of the doctoral school:

Ioana Chiorean

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Doctoral School in Physics

Doctoral supervisors

Simion AȘTILEAN

Nanoparticles for Biomedical and Technological Applications; Methods in Nanobiophotonics and Laser Microspectroscopy

Lucian BAIA

Nanostructures for Environmental and Biomedical Applications

Monica BAIA

Surface-enhanced Raman Spectroscopy as a Versatile Tool for Various Applications

Zoltán BÁLINT

Image Analysis, Biophysics, Diagnostic Radiology, Molecular Biology

Diana - Anuța BENEĂ

Magnetic Materials and Magnetism, Material Characterization, Materials Science

Titus - Adrian BEU

Transport Phenomena in Complex Nanostructures; Spectroscopy and Fragmentation of Fullerenes

Ioan BOTIZ

Nanomaterials, Materials Processing, Nanostructured Materials

Vasile CHIȘ

Applied Experimental and Theoretical Spectroscopy; Quantum Chemical Calculations of Molecular Properties Oxide Glasses

Eugen CULEA

Structural Investigations by Spectroscopic Methods; Magnetic and Electrical Properties of Materials

Grigore DAMIAN

Free Radicals and Antioxidants; Site-directed Spin Labeling

Ioan – Leontin DAVID

Metallic Complexes; Molecular Clusters

Iosif - Grigore DEAC

Condensed Matter Physics, X-ray Diffraction, Magnetic Materials and Magnetism,

Radu FECHETE

Nuclear Magnetic Resonance, Polymer Physics, Biomaterials, Numerical Simulations

Monica - Olivia FOCȘAN

Fluorescence Spectroscopy, Fluorescence Gold Nanoparticles, UV-Visible Spectroscopy

Ioan GROSU

Condense Matter Theory; Mesoscopic Systems

Nicolae LEOPOLD

Biophotonics, Raman, SERS, Adsorbed Ions (Adions), Chemisorption

Ladislau NAGY

Interactions of Atoms and Molecules with Strong, Short Laser Pulses; Ionization of Atoms and Molecules by Charged Projectiles

Zoltán NÉDA

Statistical and Computational Physics

Petru PĂȘCUȚĂ

Physics, Materials Science

Simona PÎNZARU

Biomolecular physics, Biotechnology Nanoparticle Synthesis

Viorel POP

Nanocrystalline and Nanostructured Magnetic Materials

Romulus TETEAN-VINȚELER

Solid State Physics; Magnetism

Coriolan - Viorel TIUȘAN

Magnetism, Mezomagnetism,

Mihai TODICA

Physical Properties of Polymeric and Macromolecular Materials

CONTACT

Director: Simion AȘTILEAN

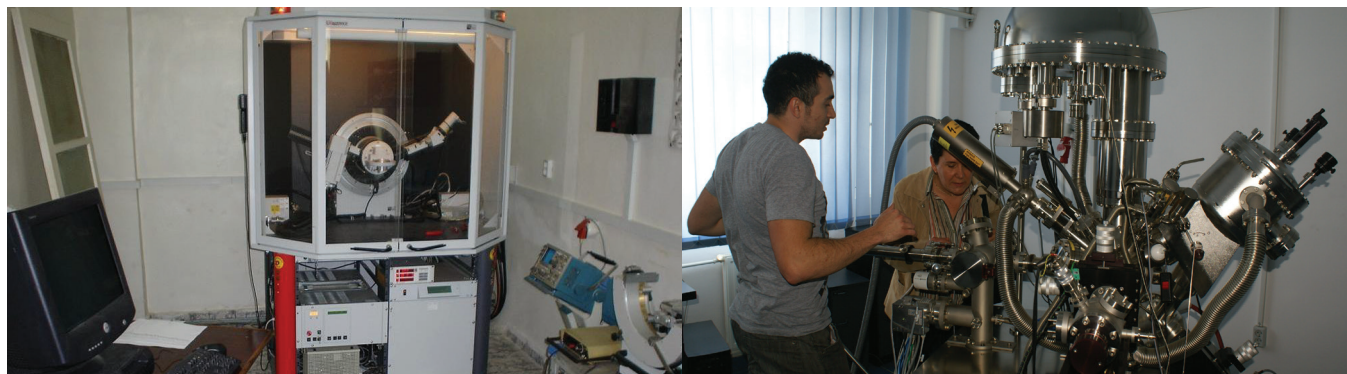
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Secretary of the doctoral school:

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The doctoral programme in physics at Babeș-Bolyai University provides a stimulating and supportive atmosphere for research and learning. Our doctoral students follow studies in pure or applied and interdisciplinary fields, leading to careers in scientific research, academia and industry. All doctoral students making obvious progress receive full financial support for three years of study and they can be included in university research grants.

Faculty of Physics from Babeș-Bolyai University is consistently ranked in the top faculties and one of the most prestigious of Romania. The mission of the faculty is to promote and sustain within the local, regional, national and international community the development of scientific and cultural components. The faculty is located in the historical town of Cluj-Napoca, Cluj County, in the center of Transylvania.

Doctoral School in Chemistry

Doctoral supervisors

Claudia - Valentina CIMPOIU

Chromatography, Antioxidant Activity

Tiberiu FRENTIU

Atomic Spectrometry; Inductively coupled plasma mass spectrometry; Speciation Analysis

Ion GROSU

Organic Chemistry

Dan - Florin IRIMIE

Biochemistry and Biotechnology

Lorentz JÄNTSCHI

*Technical University Cluj-Napoca
Molecular Chemistry*

Constantin MĂRUȚOIU

Analytical Chemistry

Liana - Maria MUREȘAN

Physical Chemistry

Gabriela-Nicoleta NEMEȘ

Organometallic Chemistry

Csaba PAIZS

Biochemistry

Simona RADA

*Technical University Cluj-Napoca
Multispectroscopic Studies on Glasses; Quantum Chemical Calculations; Magnetic, Optical and Electrical Properties of the Glasses and Vitroceramics*

Costel SÂRBU

Analytical Chemistry and Chemometrics

Luminița SILAGHI - DUMITRESCU

Organic Chemistry

Radu - Lucian SILAGHI - DUMITRESCU

Bioinorganic Chemistry; Computational Chemistry

Anca - Daniela SILVESTRU

Organometallic Chemistry

Cristia - Sorin SILVESTRU

Organometallic Chemistry

Maria TOMOAI - COTIȘEL

Physical Chemistry

Monica - Ioana TOȘA

Biocatalysis; Bioprocesses; Chemoenzymatic methodologies; Chiral drug development

CONTACT

Director: **Ion GROSU**

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Secretary of the doctoral school:

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Training specialists in the field of inorganic chemistry, physical chemistry, organic chemistry and organometallic chemistry by approaching interdisciplinary areas of global interest such as: organometallic compounds of non-transition metals with potential applications in the storage and transfer of CO₂, ligands in the transition metal coordination chemistry, materials with special optical or electronic properties with applications in obtaining chemical sensors or in homogeneous catalysis, NMR contrast agents (imaging), compounds with potential biological activity (antitumor activity, anti-inflammatory activity) electrode materials (modified electrodes, organic and inorganic aerogels, thin films with special properties) with electrocatalytic properties and photo(electro)catalytic properties, (amperometric and potentiometric) electrochemical sensors/ biosensors for detection of chemical species of biotechnological and biomedical interest, electrodeposition of metals and composites, corrosion of metals and artifacts, synthesis and characterization of modified electrodes in electroanalytical applications, electrochemical processes in the environment, nano-materials, materials with special optical and electronic properties, with applications in obtaining new materials, catalysts, miniature electronic devices, molecular design and drug design, iterative-dendritic synthesis; melamine dendrimers by iterative-convergent synthesis, melamine dendrimers as "drug delivery systems", design, synthesis, structure and properties of new technomimetic molecules (molecular machines) and of complex systems based on supramolecular associations, formation of supramolecular aggregates and their dynamics, guided by molecular recognition processes.

Doctoral supervisors and doctoral students initiate and develop collaborations with prestigious research groups worldwide in the addressed fields, also pursuing the development of joint degree theses.



Doctoral School Chemical Engineering



Doctoral supervisors

Paul Șerban AGACHI

(serban.agachi@ubbcluj.ro)

Process Modeling; Simulation; Control and Optimization; Classical and Advanced Control Systems; Computer Aided Process Engineering (CAPE) Instruments; University Management; Research Management

Călin-Cristian CORMOȘ

(cormos@chem.ubbcluj.ro)

Chemical reaction engineering; Process design and integration; Carbon capture, Utilization and Storage (CCUS) technologies; Computer Aided Process Engineering (CAPE); Techno-economic and environmental assessment

Vasile Mircea CRISTEA

(mcristea@chem.ubbcluj.ro)

Modelling and simulation of chemical processes (CFD applications). Development of traditional and model based control solutions. Modelling and classification applications using artificial neural networks and fuzzy logic. Data mining. Waste Water Treatment applications.

József FAZAKAS

(chemiceramic@gmail.com)

Oxide Materials; Sol-gel Engineering; Nanomaterials

Petru ILEA

(pilea@chem.ubbcluj.ro)

Electrochemical Engineering; Inorganic and Organic Electrosynthesis; Metal Recovery from Wastes

Zoltán Kálmán NAGY

(z.k.nagy@lboro.ac.uk)

Process Control; Crystallization; Particulate systems engineering; Chemical Engineering

Graziella – Liana TURDEAN

(gturdean@chem.ubbcluj.ro)

Nano/bio/materials having redox properties: preparation, investigation, applications; Electrocatalysis; Investigation of nano/bio/materials by electrochemical techniques; Corrosion of dental materials.

The doctoral school in Chemical Engineering has as a goal the education of specialists in Chemical and Process Engineering based on applied research in priority fields related: chemical plant design, modeling, optimization and control, reactor engineering, transfer processes in the chemical industry, vapor-liquid equilibria, electrochemical engineering, electrosynthesis, electro metallurgy, applications of electrochemical engineering in environmental protection, in the electrotechnology of nonpolluting processes, renewable energy, carbon capture and storage technologies, advanced energy conversion, material engineering, cement engineering, composites and biomaterials, environmental pollution, water management, application of process engineering in other nonconventional fields (health, data mining, artificial intelligence, etc.).

CONTACT

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Doctoral School in Integrative Biology

Doctoral supervisors

Horia BÂNCIU

Microbial diversity of extreme environments;

Manuela BÂNCIU

Biochemistry, Molecular Biology, Pharmacology, Drug Targeting

Lujza KERESZTES

Origin and evolution of aquatic insects in the Carpathians, biological assessment of freshwaters using molecular methods;

Bálint MARKÓ

Conflict and cooperation: cohesion of insect societies and determinant factors;

Péter LÁSZLÓ PAP

Avian biology, ecophysiology, ecomorphology of feathers and plumage, comparative studies;

Marcel PÂRVU

Medicinal plants and Fungi;

Mihai PUȘCĂȘ

Alpine plant biogeography and phylogeography, plant taxonomy, plant biodiversity monitoring;

Elena RÁKOSY

Plant genetic engineering for crop improvement – analysis of resistance to biotic and abiotic stress;

László RÁKOSY

Insect taxonomy, ecology and conservation; Cultural ecology;

Eszter RUPRECHT

Plant ecology, seed ecology, grassland ecology.

Cristian SEVCENCU

General Physiology, Cardiovascular Physiology, Bioelectronic Medicine

CONTACT

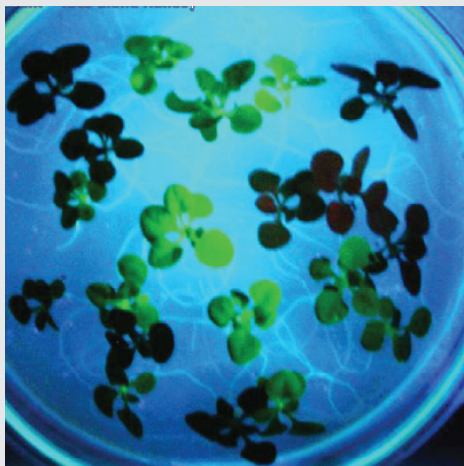
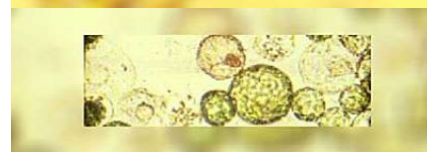
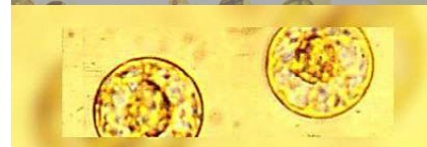
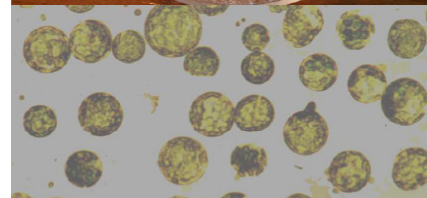
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The doctoral studies in the field of Integrative Biology, integrates in the pursued research interests the latest developments in modern biology. Students undertake research both in the field and well equipped laboratories covering such subjects as: new insights in molecular taxonomy and ecology of different groups such as algae, bacteria, plants, butterflies and moth, ants, birds or other animals, including their status, ecology and protection.

Experimental biology addresses other important topics like cell and molecular biology of resistance to biotic or abiotic stress, plant modification through cell fusion or gene transfer, molecular biology of extremophiles as new sources of important compounds, cytogenetics, bionanotechnology and others.

Two research institutes, one research group, the Botanical Garden and Zoology Museum are also facilities which sustain the doctoral studies along with national and international research projects.

Doctoral School in Theoretical and Applied Geology

Doctoral supervisors

Ioan BUCUR

Paleontology; Mesozoic Stratigraphy; Carbonate Micropaleontology and Sedimentology

Vlad CODREA

Paleoenvironmental Reconstruction; Vertebrate Paleontology; Macroevolution; Paleocology; Biochronology; Biostratigraphy; Paleogeography; Paleoclimate; Regional geology, Geothermal

Sorin FILIPESCU

Micropaleontology; Stratigraphy; Paleocology

Ferenc Lázár FORRAY

Geochemistry; Stable isotopes; Paleoclimatology; Environmental Mineralogy; Mine pollution

Ioan TANȚĂU

Palynology, Vegetation history, Palaeoecology, Quaternary geology

Călin Gabriel TĂMAȘ

Ore deposits; Ore mineralogy; Breccia structures;

CONTACT

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Secretary of the Doctoral School: **Săsăran Liana**

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Web: <https://biogeo.ubbcluj.ro/gta/>



The training program of the Doctoral Studies in Theoretical and Applied Geology is focused on developing advanced research skills in subjects related to:

- Analysis of sedimentary basins;
- Evolution of geotectonic settings;
- Mineralogy, petrography and geochemistry of rocks and artefacts.

Research is carried out in modern laboratories equipped with competitive equipment for material processing, petrographic microscopes and stereomicroscopes, X-ray diffractometer and spectrometers for C and O isotopes, computers and reference material.

Each doctoral thesis represents a research project financed either via independent grants, or as a component of larger projects affiliated to the co-ordinating department under national or international project calls. Together with Master students, the doctoral students are members of larger research teams focusing on major geological topics.

International collaborations with similar institutions from Austria (Salzburg; Leoben), France (Marseille, Grenoble, Paris), Germany (Tübingen, Erlangen), Poland (Krakow), and Slovakia (Bratislava) offer the doctoral students opportunities for training stages abroad, and also also for theses elaborated in joint supervision.

Doctoral School in Environmental Science

Doctoral supervisors

Călin BACIU

*Environmental Analysis; Geochemistry of Fluids;
Hydrogeology*

Mihail - Simion BELDEAN - GALEA

Analytical chemistry, Separation sciences

Alida GABOR

Dosimetry and Nuclear Dating

Delia Maria GLIGOR

*Electrochemical sensors/biosensors for
environmental monitoring*

Eugen GURZĂU

Environmental Health; Environmental Toxicology

Alexandru OZUNU

*Environmental Risk Analysis and Management;
Natural and Technological Hazards; Environmental
Assessment*

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The impact of the the contemporary society on the natural systems have revealed the necessity to rethink the complex relationship between Man and the Environment. Graduates from various fields of science and technology are welcome to this doctoral programme in Environmental Science. Our approach is interdisciplinary and able to accommodate different perspectives, with the ultimate goal of finding solutions to the current environmental challenges.

The programme is research-based and highly personalized for each of the enrolled students. It aims to develop the research skills and creative thinking necessary for successfully addressing the difficult environmental issues we face in the 21st century. The doctoral students will have the opportunity to receive training and apply their initiatives to a broad and exciting research field.



Doctoral School in Geography

Doctoral supervisors

József BENEDEK

Human Geography; Territorial Development

Adina Eliza CROITORU

*Climate changes; Extreme weather events;
Urban climate; The impact of weather events on
human health*

Ștefan DEZSI

Human Geography; Tourism Geography

Ioan Aurel IRIMUȘ

*Engineering Geomorphology; Environmental
Geomorphology, Geoarchaeology; Natural and
Human Risks*

Dănuț PETREA

Theoretic Geography; Geomorphology; Environment

Călin-Cornel POP

*Regional Geography, Geographical axis of
Development*

Claudia POPESCU

*Human Geography (Social Geography, Economic
Geography)*

CONTACT

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Secretary of the Doctoral School: **Rus Elena**

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Web: geografie.ubbcluj.ro



Doctoral researches are focused on problems that have large socio-economic applicability in physical geography, human geography, regional geography, tourism geography. The studies are elaborated as solutions to some various geographic space problems generated by climatic and geomorphologic instability, resources limitation and energetic crisis, demographic dynamics, globalization and geopolitical identity crisis, geomorphological restriction in urban and rural space development, the need of comfort and specialized services, etc. The subjects imply large themes of theoretical geography, physical geography (dynamic geomorphology, engineering geomorphology, implemented geomorphology, environment, geoarchaeology, meteorology, hydrology, geoinformatics), territorial development planning, tourism geography, social geography, political geography, medical geography.

The Doctoral School in Geography provides full time doctoral students the possibility to choose among the disciplines available in two doctoral programmes: Physical Geography and Environment and Human and Regional Geography.

The students have the possibility to elaborate joint doctoral degrees with other EU universities professors and they can benefit from scholarships provided by programmes financed by the Romanian Government through its institutions (MEN, UEFISCU, CNCIS etc.), or from European funds.

Romanian or foreign doctoral students have the possibility to elaborate and defend their doctoral thesis in international languages as well.

Doctoral School “History, Civilization, Culture”

Doctoral supervisors

Radu ARDEVAN

Ancient History; Roman Provincial Civilization, Economy and Society; Ancient Epigraphy and Numismatics; History of the Specialist Research

Constantin BĂRBULESCU

Modern Romanian History; Rural World History; Imaginary of the Human Body

Mihai BĂRBULESCU

History of the Ancient World: History of Roman Dacia; History of the Ancient Culture; The Heritage of Antiquity

Maria Silvia CRĂCIUN

Universal Medieval History; The History of Church and Religious Life in Pre-Modern Era

Alexandru - Constantin DIACONESCU

Archaeology, Ancient History, Ancient Art History, Ancient Orient

Adinel - Ciprian DINCĂ

Middle Ages Medieval History Church History Medieval Studies Historical Analysis

Florin DRAȘOVEAN

Prehistory, History of Primitive Societies; Research Methods for Archeology

Aurel – Gelu FLOREA

The Art and Archeology of Iron's Age; Second Period; Prehistoric Religions; The Civilization of Pre-Roman Dacia

Florin Gheorghe FODOREAN

Archaeology and Ancient History: History and Archaeology of Roman Dacia, Landscape Archaeology during the Roman Period, Ancient Cartography and Geography

Ovidiu Augustin GHITTA

Medieval and Pre-Modern History; History of The Church; Romanian-Cyrillic; Paleography

Greta Monica MIRON

History of the Romanian Historiography, History of the Greek Catholic Church Of Transylvania

Sorin MITU

Romanian and Universal Modern History; History of Sensitivity and Imagination

Zsolt MOLNÁR - KOVÁCS

Prehistory, The History of Ancient Art

Sorin NEMETI

Finding Arcobadara: Essay on the Geography and Administration of Roman Dacia

Simona NICOARĂ

Modern History of Romania, Historical Anthropology, Cultural History.

Toader NICOARĂ

Modern Romanian History; Historical Anthropology; The History of Collective Mentalities and Social Imaginary; Cultural History

Coriolan Horațiu OPREAN

Archaeology and Ancient History: Roman Frontiers and the Military Life; Cultural Interaction with the Barbarian World; Migration Period; Landscape Archaeology

Judith PÁL

Social and Political History of Transylvania (18th-19th centuries); History of the Cities; History of Armenians in Transylvania

Ioan-Aurel POP

Medieval History: Political and Social History of Medieval Romania and Central South-East Europe; History of Medieval Institutions and Medieval Culture; Latin Paleography

Doru RADOSAV

Cultural History; Oral and Recent History; Theory of History

Ignác ROMSICS

Eszterházy Károly Főiskola, Eger History of the 20th Century; Modern History of Hungary

Enikő RÜSZ - FOGARASI

History of Cities from Transylvania; Medieval and Pre-modern Institutions

Marcela SĂLĂGEAN

Contemporary History; Political Regimes; Foreign Policy Decision Models; Political, economic, cultural and social models and systems in the XX-XXI

centuries; International Relations

Gábor SIPOS

History of Hungarian People; History of Libraries; Ecclesiastical History

Șerban TURCUȘ

Medieval History; Church History; Auxiliary Sciences of History; History and Evolution of Diplomacy

CONTACT

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Doctoral School “History, Civilization, Culture” from the Faculty of History and Philosophy represents a highly profiled structure of academic excellence in the field of history and society. The school promotes multi and interdisciplinary scientific approaches, modern methodologies and is connected to major trends in the European and global historiography. The school promotes scientific innovation and bold approaches through the research of doctoral supervisors and doctoral students, being at the forefront of the contemporary historical knowledge of Romanian and European historiography.

The school organizes annually the Scientific Session of doctoral students (7 editions so far), publishes the Doctoral school yearbook (6 issues) and systematically cooperates with similar institutions in the country and abroad (with Al. I. Cuza University of Iași, University of Oradea, ELTE Budapest, Sapienza Università di Roma, Université Paris-Sorbonne, Université de Nantes, etc.)



The Doctoral School of Population Studies and the History of Minorities

Doctoral supervisors

Ioan BOLOVAN

Culture and national identities in the 19th and 20th centuries;

History of the people in the modern and contemporary eras;

War and society in the 18th-21st centuries;

Historical continuities and discontinuities: revolutions and reforms in the 18th-21st centuries

Alina - Ioana BRANDA

Cultural Anthropology, Anthropological Approaches to Postsocialism, European Ethnology, Southern - Eastern European Cultures, Cultural Pluralism, Multiculturalism, Ethnicity - Interethnic Relations, Transylvanian Jewish Communities, Restitution property

Ion CÂRJĂ

The history of modern Romania;

The history of Transylvania in the modern and contemporary eras;

Confessional identities and ecclesiastical history;

Cultural and political-diplomatic relations between Romania and Italy

Luminița - Vasilica DUMĂNESCU

Modern History, Cultural Studies, World History,

19th Century History, Early Modern History

Gender History, Social History

Ioan - Marius EPPEL

Family History, Historical Demography, Cultural Anthropology, History of the Church, Religious Anthropology

Rudolf GRĂF

The history of the Germans in Romania;

The history of the Habsburg Empire;

The economic history of Transylvania and Banat;

The history of Central and Southeastern Europe

Tudor - Alexandru SĂLĂGEAN

Cultural Heritage, Social and Cultural Anthropology, Multiculturalism, Museum Studies, Museum Exhibition, Heritage, Cultural Studies, Cultural Diversity, Qualitative-ethnography, Cultural Management

Ana Victoria SIMA

Modern and Contemporary History, Church History,

Education History, Cultural Anthropology

Szilárd TOTH

The history of national minorities in Romania, The

history of elites in Romania in the sec. XX., History

of the University of Cluj, History of the Cold War,

International Institutions and Organizations, History

Teaching

CONTACT

Director: **Ion CÂRJĂ**

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Scientific secretary: **Bud Alexandru-Bogdan**

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The Doctoral School of Population Studies and the History of Minorities was organized in addition to the Center for Population Studies at the Faculty of History and Philosophy, following a desire to strengthen and develop the field of population research with the help of modern research methodologies. In Romania, there is currently no other doctoral school devoted exclusively to population studies. The doctoral theses that addressed issues in this field have focused primarily on a specific perspective— historical, sociological, demographic, economic or regarding population geography, without in-depth research at a pluri- and multidisciplinary level that would respond to current sociological challenges.

The common objectives of the activities conducted by the Center for Population Studies, the German Institute, the Seminar of Historical Demography, the Institute of Ecclesiastical History, benefiting from specific infrastructure, equipment and logistics, coalesce with those of the Doctoral School of Population Studies and the History of Minorities:

1. Provide the most appropriate support for PhD students
2. Develop a program of excellence, to become, in time, the standard research in this area and come up with solutions to current demographic problems
3. The transfer of knowledge to society
4. Closer links with national and international research networks

The research program the doctoral school proposes is based on recognizing the role of the research mechanisms behind the problems that contemporary society faces, from a dramatic fall in fertility, population aging to migration for work or the waves of migration which stormed Europe lately.



Doctoral School in Philosophy

Doctoral supervisors

Alexander BAUMGARTEN

The Greek and Latin Neoplatonism of Late Antiquity; Latin Medieval Philosophy; LatinMedieval Philosophical Paleography and Source Edition

Monica BRINZEI

Latin Philosophy and Theology in the 14th-15th c.; Critical edition of medieval texts

Virgil CIOMOS

Transcendental Philosophy; Contemporary Phenomenology – their application in sychoanalysis

Ion COPOERU

Approaches of Normativity; Political Philosophy; Philosophy of Law; Applied Ethics

Márton - Attila DEMETER

History of Political Ideas, Political Philosophy, Human Rights and Democracy

Virgil DRĂGHICI

Mathematical logic: Incompleteness and Undecidability (Gödel, Rosser, Turing, Feferman, Smullyan). Modal logic. German Philosophy (Wittgenstein, Heidegger, Gadamer)

Mihaela - Cornelia FRUNZĂ

Ethics, Philosophy of Religion, Social Exclusion, Social Movements, Applied Philosophy

Dan Eugen RAȚIU

Everyday Aesthetics; Arts and Cultural Policies and Practices; Art and Public Space; Status of the Artist; Postmodern Art Theories and Practices; Modernist Aesthetics and Art Criticism; Ontology of Art; 16th and 17th Centuries Theories of Painting

Rodica Marta VARTIC

Interdisciplinary study of Romanian philosophy focusing both on the connections with the historical evolution of the Romanian culture and on the movement of ideas in Europe

Carol VERESS

Semiological and Hermeneutical Problems of Knowledge, Communication and Culture; Investigations of Applied Philosophy



Training of doctoral students in the Doctoral School in Philosophy is done in accordance with the research undertaken in the following main directions: phenomenology, semiology, hermeneutics, ethics, aesthetics, political philosophy, philosophy of culture and communication, history of philosophy, Romanian philosophy, Hungarian philosophy, interdisciplinary, transdisciplinary and applied research. Doctoral studies are conducted in Romanian, Hungarian, or in an international foreign language. Members of the Doctoral School in Philosophy are involved in numerous research projects, attend conferences, symposia, workshops, annual scientific sessions of doctoral students in joint programmes with other research institutions and doctoral schools at home and abroad, and their results are presented in numerous scientific publications issued by scientific journals and accredited publishers with BDI indexation. The Doctoral School in Philosophy collaborates with the Center for Ancient and Medieval Philosophy, and the Center for Applied Philosophy, thus providing the necessary information resources and facilities for research and guidance.

CONTACT

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Doctoral School in International Relations and Security Studies

Doctoral supervisors

International Relations and Security

Mihai Alexandru CROITOR

China's Foreign Policy; China's Security Policy; International Relations in the 20th Century, and in the 21st Century; International Organizations

Marian - Sergiu GHERGHINA

Party Politics, Legislative And Voting Behavior, Democratization, Use Of Direct Democracy

Ioan HORGA (University of Oradea)

European Integration; European Neighborhood Policy; EU Regional Policy Euroregional Studies

Adrian IVAN

European Union Governance; Theories of European Integration; National Minorities in International Relations

Erzsébet NAGYNÉ RÓZSA

Nuclear non-proliferation, Islam and the Middle East, Euro-Mediterranean cooperation

Luminița ROȘCA

*Media discourse, Writing techniques, The genres of the press, Production in print and online
The public sphere*

History

Cristian Anton GĂZDAC

Ancient History; Archaeology; Numismatics; Restoration, Conservation, Protection of Cultural Heritage; Military Conflicts in Antiquity

Mihaela GLIGOR

Hindu Culture and Civilization

Lucian NASTASĂ-KOVÁCS

Modern and Contemporary History; Sociology of Culture and Education; Ethnic-cultural Diversity

Mihai NICOARĂ

History of Communism, Cultural History of Universities, Elites History

Sociology

Valentina PRICOPIE

Sociology of Journalism; Media Transformation; International Communication; European Communication Policy; History of Sociology

CONTACT

Director: **Mihai NICOARA**

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Our program brings together a group of highly prepared professionals, well known specialists in international relations, European studies, history, sociology. The PHD program of International Relations and European Studies and History has adopted multiculturalism as main development direction. The program's goal is to provide students with a strong foundation in theory and practice of international relations, philosophy, history and sociology that are necessary in order to conduct groundbreaking research. The PHD program is designed to facilitate and strengthen the development of experienced graduates and professionals by expanding their knowledge and enabling them to make key leadership contributions to their competency fields.

Doctoral School “European Paradigm”

Doctoral supervisors

Mircea BRIE

The process of European integration; Institutions and policies of the European Union; European borders and the border space in international relations; European, national, regional and local identity

Gabriela Melania CIOT

International Negotiations; Foreign Policy Decision-Making Process

Valentin NAUMESCU

International Relations and European Studies; Foreign Policy and Diplomacy; Transatlantic Relations; Global and Regional Politics

Nicolae PĂUN

International Relations and European Studies; Economic and Social History; the History of Building the European Space; Romanian Contemporary History; History of the State; Nation, Nationalism and Federalism; History of Ideas; History of Political Parties; EU Institutions and Policies

Vasile PUȘCAȘ

International Relations and European Studies; Cultural Diplomacy

Sergiu MIȘCOIU

Political Science; International Relations Theories; Theories of Political Ideologies; Populism; Extremism; Radicalism; Nationalism; Dynamics of Contemporary Political Systems; Theories of Speech with Applications in Political Science

Ovidiu PECICAN

European and Romanian history of culture; Trends and tendencies in the medieval and modern European historiography; Historical anthropology and historical imaginary in Europe; The idea of Europe in history and in the ideological discourses

Ioan Alexandru SIMION (Romanian Academy, Cluj-Napoca)

Medieval History; Early Modern History

Enikő VINCZE

Sociology (Socio-cultural Anthropology, Gender Studies, Romani Studies); Anthropology of Human Rights; Social Exclusion; Discrimination, Racism, Gender, Nation, Nationalism; Socio-economic Condition of the Roma in Europe and Policies for the Roma;

CONTACT

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Doctoral School “European Paradigm”, belonging to the Faculty of European Studies, has a double potential which gives its distinctive character within the context of doctoral schools at UBB: (1) by supervising doctorates in traditional domains it also promotes the multidisciplinary nature of approaches employed in research; (2) in addition to the scientific production of quality, the team of this school supports and practices in various forms the implication of academics in the public life.

To ensure administrative and professional conditions that can produce high quality doctoral theses, the team of the Doctoral School “European Paradigm” seeks collaboration with the other doctoral schools of UBB.

Beyond UBB, we promote and collaborate with academic institutions in the country and abroad as well as with organizations of the local, national and international civil societies. In addition to the development of scientific knowledge through fundamental empirical research interpreted on solid theoretical bases, we aim, through applied approaches, to contribute to the social responsabilization of knowledge.

Doctoral School in Sociology

Doctoral supervisors

Enikő Albert-LŐRINCZ

(eniko.albert@ubbcluj.ro)

Social-psychology of Health; Social Risks, Disorder and Adaptation; Drug Abuse Prevention Research; Organizational Psycho-sociology.

Dan-Florentin CHIRIBUCĂ

(dchiribuca@socasis.ubbcluj.ro)

Communication and Media Studies; Social Impact of Information and Communication Technology.

Mircea COMȘA

(mcomsa@socasis.ubbcluj.ro)

Electoral Studies; Survey Methodology and Practice; Social Desirability Impact Estimation.

Irina CULIC

(irina.culic@socasis.ubbcluj.ro)

Sociology of the State; International Migration; Citizenship Studies; Comparative Political Sociology; Nationalism and Ethnicity; Social Epistemologies; Historical Sociology.

László Csaba DÉGI

(d.csaba@socasis.ubbcluj.ro)

Health and Illness in Social Contexts; Psychosocial Care in Oncology; Prevention of the Neoplastic Diseases; Cancer and Work.

Mihai-Bogdan IOVU

(iovu.mihai@socasis.ubbcluj.ro)

Child Abuse and Neglect; Children's Rights; Social Work Education.

Cornelia MUREȘAN

(cornelia.muresan@socasis.ubbcluj.ro)

Intergenerational and gender relationships, Social pathways and trajectories: family and residences, education and work, crime and recidivism

Maria-Carmen PANTEA

(mpantea@socasis.ubbcluj.ro)

Youth Studies; Sociology of Work and Employment.

Maria ROTH

(mroth@socasis.ubbcluj.ro)

Policy and Program Evaluation; Childhood and Youth Studies; Children's Health Policies; Violence in Society.

Valér VERES

(veresv@socasis.ubbcluj.ro)

Sociology of Youth; Social Structure and National Identity; Demography and Ethnicity in Transylvania.

CONTACT

Director: **Mihai IOVU**

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Secretary of the Doctoral School: **Albu Irina**

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Web: <http://socasis.ubbcluj.ro>



The members of the school conduct research on social phenomena and problems, demography, social mobility, public policy, evaluation of social services and of social intervention programmes, psycho-sociology of health and other branches of sociology.

The mission of the Doctoral School in Sociology is to develop competent human resource in carrying out scientific research and innovation. It aims at:

- *Acquiring advanced theories, methods and techniques of scientific research in social sciences and competence regarding the management of social research projects;*
- *Developing scientific thinking in order to identify, formulate and solve research problems, issues regarding the ethics of research within social sciences, and also for the formation of ethical attitudes in scientific research;*
- *Developing skills regarding documentation, elaboration and capitalization of scientific works;*
- *Acquiring communication skills in the academic areas through the use of international languages in oral communication and the writing of scientific papers.*

The Doctoral School brings together professors from sociology and social work and thus offering a wide range of competences and interests.

Doctoral School “Evidence-Based Assessment and Psychological Interventions”

Babeş-Bolyai University, Cluj-Napoca

Doctoral supervisors

Daniel DAVID

Clinical Psychology and Psychotherapy/ Clinical Research Methodology

Oana DAVID

Clinical Psychology and Psychotherapy/Parenting/ Cognitive Behavioural Coaching

Anca DOBREAN

Psychological Assessment and Diagnosis

Ştefan SZAMOSKÖZI

Psychological Assessment/ History of Psychology

Aurora SZENTÁGOTAI - TĂTAR

Clinical Psychology and Psychotherapy (Clinical Cognitive Sciences)

CONTACT

Director: **Aurora SZENTÁGOTAI – TĂTAR**

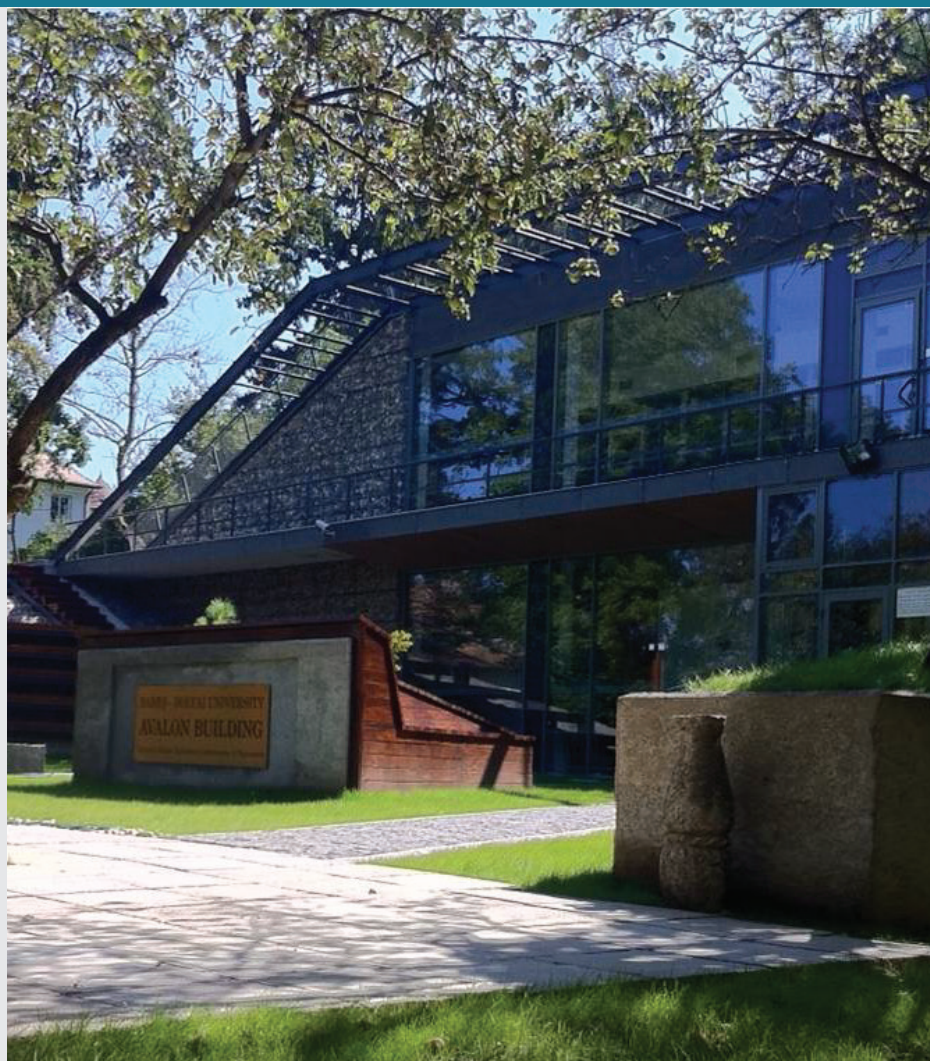
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Secretary of the Doctoral School:

Ana-Maria Cîrcu

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The Doctoral School - Evidence-based psychological assessment and psychological interventions represents the graduate programme (doctoral/postdoctoral) of both the Department of Clinical Psychology and Psychotherapy and the Department of Applied Educational Psychology of the Babeş-Bolyai University. The doctoral school is based on the “clinical science” and “scientist practitioner” paradigms, and promotes personalized evidence-based psychological interventions, thus providing a useful set of skills for both professional insertion on the work market and outstanding academic and research activity. The themes generally subscribe to the field of psychological assessment, clinical psychology, psychopathology, psychotherapy and psychological counselling, cognitive sciences, cognitive-behavioral coaching and positive psychology, genetic counselling, and evolutionary psychology. The research infrastructure is integrated within the International Institute for the Advanced Studies of Psychotherapy and Applied Mental Health (International Institute for Psychotherapy, an excellence research unit of European relevance, included in the MERIL platform), an academic spin-off of the Department of Clinical Psychology and Psychotherapy. Alumni can continue studying in post-doctoral programmes both in Romania and abroad, and/or can enter the labour market both in Romania and abroad, the doctoral school being a world-class institution, joining prestigious international-level academic networks.

Doctoral School “Applied Cognitive Psychology”

Doctoral supervisors

Adriana Smaranda BĂBAN

Behavior, Risk and Health; Psychosomatic and Behavioral Medicine; Vulnerability, Trauma and Resilience

Oana BENGĂ

Typical and Atypical Development; Early Mental Health

Petru Lucian CURȘEU

Organizational Behavior, Group Dynamics, Group Cognition

Mircea MICLEA

E-therapy and Counseling; Anxiety, Applied Cognitive Sciences

Andrei Cristian MIU

Emotion and Cognition; Emotions and Psychopathology; Psychophysiology of Emotions

Oana - Maria NEGRU - SUBȚIRICĂ

Identity development, Goal structures and processes in human self-regulation, Emerging adulthood,

Nicolae Adrian OPRE

Implicit cognition. Cognitive-behavior Interventions in Educational and Organizational Settings

Laura Visu-PETRA

Developmental Science; Emotion and Cognition; Developmental Psychopathology

CONTACT

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The Doctoral School “Applied Cognitive Psychology” is centered on the development of advanced research programmes in cognitive psychology applied in health, education and work. The main objectives of the doctoral school reside in improving the theoretical and empirical knowledge, in the national and international dissemination of the results, and in ensuring that the practice of psychology is evidence-based. For the doctoral students we provide a high-quality environment for their development, theoretical education and integration in the general theme of scientific research of their doctoral supervisor. The doctoral students and their supervisors are involved in projects and activities of high scientific and applied relevance (for example FP7, CNCS, interdisciplinary groups and international networks of study in collaboration).

The doctoral research themes are mainly focused on the primary domains: health, vulnerability and risk, respectively intervention, prevention and development, approached through the perspective of cognitive sciences. The transfer of knowledge and research abilities is ensured by the courses, conferences, workshops, individual meetings or debates in the groups of interests.

Doctoral School “Education, Reflection, Development”

Doctoral supervisors

Ion ALBULESCU

*Comparative research in educational
Alternative Pedagogies; Pedagogical Doctrines;
Theory and Methodology of Teaching*

Muşata - Dacia BOCOŞ - BINȚIŢAN

*Methodology of Scientific Research and the
Elaboration of Research Papers in Educational
Sciences*

Horaţiu - Roco CATALANO

*Teaching and Learning, Teacher Training,
Pedagogy, Professional Development, Curriculum
Development, Teaching Methodology*

Vasile CHIŞ

Developments in Contemporary Pedagogy

Alina - Felicia ROMAN

*Teaching and Learning, Career Counseling,
Education Research, Pedagogics*

Alina Simona RUSU

*Interdisciplinary (Ethological and Educational)
Investigation of Human Behaviour; Human-Animal
Interactions*

Nicolae Cristian STAN

*Theory and Methodology of Didactic Evaluation;
Educational Communication
Ethics and professional deontology*

CONTACT

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The objectives of the “Education, Reflection, Development” Doctoral School are set according to the priorities regarding the doctoral programmes in Romania and abroad, in the domain of Education Sciences, as follows:

- Providing guidance for the doctoral students and tenured staff of the doctoral school towards priority themes on contemporary world issues: change, vulnerability, crisis, learning, adaptation, motivation, recovery, rehabilitation, etc.
- Focusing the doctoral theses on field research (research-action type projects) but also on the development of fundamental and applied research topics in the field of new pedagogies, such as: contemporary educational systems, management, curriculum, teaching, learning, partnerships, special educational needs, access to education, etc.
- Encouraging doctoral students and the supervising teachers to develop new educational technologies, new educational supporting technologies in schools, in society as a whole, focusing on Advanced Distributed Learning (ADL);
- Representing with priority in the doctoral paper the special pedagogical confrontations during kindergarten and school: emotional disturbances, aggression, violence, attention deficit, hyperactivity, equality, social exclusion, etc.
- Enhancing interactivity during doctoral school and supporting research projects, paper presentations during the research stage and the thesis defence;
- Including doctoral students with relevant results in the postdoctoral programmes of the faculty;
- Enhancing the experimental character of the doctoral school, of the interdisciplinary, development of a doctoral environment characterized by interactivity.



Doctoral School “Didactica. Tradition, Development, Innovation”

Doctoral supervisors

Liliana CIASCAI

DIDACTICS today: deepening, developments and research directions

Maria - Eliza DULAMĂ

Qualitative and quantitative research methods in education

Iuliana - Hortensia ZSOLDOS - MARCHIȘ

Principles and practices in designing educational research

Dorin - Corneliu OPRÎȘ

Ethics and academic integrity

CONTACT

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Web: <http://ddse.psiedu.ubbcluj.ro/index.php?id=-coala-doctoral-bdidactica-tradiie-dezvoltare-ino-vaier>

The “Didactics. Tradition, Development, Innovation” doctoral school from Babes-Bolyai University in Cluj-Napoca conducts advanced research and prepares researchers in the field of Psychology and Educational Sciences. The main research topics are related with teaching methodologies of different school subjects/academic disciplines. Through its activities, the doctoral school makes a consistent contribution to the national and international research in the field of Education Sciences. The scientific research results obtained by PhD students are usually published in well-recognized journals and conference proceedings.

The aim of the programs organized by the school is to form graduates that are recognized for their high degree of knowledge, innovation and didactic creativity, and are competent in achieving the desired connection between research and practice. PhD students are prepared to become specialists in public policies, in the implementation of effective training programs, in the development of good practice guides and products with social or commercial value.

The doctoral school organize an annual international conference for PhD students to give them the opportunity for presenting their work and meet other PhD students, making international connections with those working in related subjects. Students are constantly encouraged to participate in international conferences from Romania and abroad. PhD students can participate also in the Erasmus+ mobility program, having the opportunity to study at a university from abroad. The school has many collaborations with doctoral school from other universities.



Doctoral School in Administration and Public Policy

Doctoral supervisors

Raluca - Ioana ANTONIE

Evaluation, Research in Social Sciences and Quality of Life. Subsequent research subjects: Activities, Projects and Programs Evaluation; Impact Assessment; Meta-evaluation; Process Assessment; Performance Evaluation; Research in Public Administration; The impact assessment of Technology on the Quality of Life; Quality of Life

Cătălin Ovidiu BABA

Public Policy; Public Policy Analysis; Health Programs: Design, Implementation and Evaluation; Health Policy and Management; Social and Behavioral Health; Occupational and Environmental Health.

Răzvan – Mircea CHERECHES

Public Health; Health Systems; Social and behavioral health; Occupational and environmental health; Healthcare policy and management; Social epidemiology; Health management

Christian - Radu CHEREJI

Conflict Analysis; Traditional Conflict Management Practices; Conflict Management Systems; Conflict and Development; Comparative Mediation Systems; Mediation Techniques; Negotiation

Călin Emilian HINȚEA

Public Management; Strategic Planning, Leadership, Management Reform and Organizational Culture in the Public and Nonprofit Sector

Dan Tudor LAZĂR

Finance; Budgeting; Fiscal Policy; Taxation; Local Economic Development

Felicia - Cornelia MACARIE

Gender discrimination in management; Gender impact on the organizational culture in public sector organizations; Women's presence in the top management of public sector organizations; The organizational behaviour of groups; The organizational culture of public sector organizations; Measuring gender equality in public sector organizations; The management of time; Gender discrimination in education; The internal public audit - a foundation for organizational performance; The evolution of internal public audit

Bogdana NEAMȚU

Smart growth; Sustainable urban development; Urban sprawl and tools used to control/manage it; Sustainable development metrics; Sustainability reporting; Culture and urban development - Role of festivals and creative industries in urban development; Transparency and free access to information as prerequisites for good governance; Alternative dispute resolution mechanisms in public law - Role of Ombudsman institutions; Sustainable public procurement; Corruption in public procurement

Viorel - Ion Stănică

Community Development; Rural Development; Strategic Planning; Social Responsibility and Local Development; Territorial Organization



The scientific approach of the school is a multidisciplinary one with focus on practical issues of administration and public policy in Romania and is treated in European and international context.

Supervisors of doctoral studies in this school have an extensive experience in both theoretical and practical areas, the last one acquired in various institutions and structures of local and central administration.

Doctoral School in Administration and Public Policy collaborates with prestigious institutions of education and research around the world as well as academics and field practice.



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Doctoral School of "Communication, Public relations and Advertising"

Doctoral supervisors

Delia Cristina BALABAN (BĂLAȘ)

- Director of the Doctoral school

Advertising – theoretical and empirical approaches

Media communication

Communication on Social Network Sites

Smaranda COSMA

Marketing principles

Destination and international marketing

Sandu FRUNZĂ

Biopolitics, bioethics and religion in the XX1st century Romania

Personal brand and image construction in the political space

Ioan HOSU

Communication in the political area

Organizational and strategic communication

Ioana Raluca IANCU

Advertising

New Media Research

Cosmin Vasile IRIMIEȘ

Public Relations Branding

Magor KÁDÁR

Branding

Strategical thinking and planning

Flaviu Călin RUS

Public relations – theoretical and empirical approaches

Communication and PR in the political field

Orsolya VINCZE

New media and culture

Media literacy

CONTACT

Director: **Delia Cristina (BALABAN) BĂLAȘ**

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Secretary of the Doctoral School: **Cadar Tabita**

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Web: <http://sdcrrp.ro>



The Doctoral school of "Communication, Public Relations and Advertising" includes coordinators from the communication sciences and marketing fields, with research areas revolving around the communication analysis. Their scientific preoccupations comprise public relations, advertising, branding, political communication, public communication, strategic communication, communication on social network sites, religious communication etc.



Doctoral School in Political and Communication Sciences

Doctoral supervisors

Elena ABRUDAN

Journalism and Communication; Visual Culture

Gabriel BĂDESCU

Comparative Politics; Political Behavior; Public Policy; Political Methodology

Ramona HOSU

Communication and Journalism

Cosmin – Gabriel MARIAN

Political rules design and effects

Andreea - Alina MOGOȘ

Traditional and New Media Representations; Visual Methodologies; Photojournalism; Media effects.

Cristina NISTOR-BEURAN

Radio and TV

Ilie RAD

Journalism and Communication; Style and Communication; Press and Communication History

Zoltan TIBORI - SZABO

20th Century History, Modern History, Holocaust, Jews

Contemporary History

Historical Analysis

World History

Comparative History

CONTACT

Director: **Ilie RAD**

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Secretary of the Doctoral School: **Cadar Tabita**

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Web: <https://stiintepolitice.fspac.ubbcluj.ro/english/academic-programs/doctoral-program>



Although very young, the school has gained a great reputation through its projects: conferences, symposiums, roundtables, book launches, workshops, etc. Also, we plan to develop unique dictionaries in the Romanian culture, to create an important school of the history of journalism and communication. The purpose of these activities is to make use of the valuable journalistic heritage of our great political scientists, political analysts, writers and Romanian journalists.

Every year, in February, the school organizes a scientific seminar of the doctoral students. The papers presented during this scientific session are published in a volume or in Romanian and foreign journals.

The Political and Communication Sciences doctoral programme is trying, throughout the topics, to answer to some of the urgent needs of the community and to fill in the gaps in the field of bibliography.

A particularity of our doctoral programme is that all the theses will be published by a prestigious publishing house, "Doctoralia" collection, soon after the defence. In this way, all research results will be introduced automatically in the national and international circuit.



Doctoral School in Linguistic and Literary Studies

Doctoral supervisors

András F. BALOGH

(abalogh78@hotmail.com)

German Literature in Central and Southeastern Europe; Intercultural networks

Bianca-Elena BICAN

(biancabican@yahoo.com)

German Culture and Literature in Transylvania and Romania; Intercultural German-Romanian Studies; Contemporary German Literature

Ioana BICAN

Nineteenth and Twentieth Century Romanian Literature; History of Romanian Literary Ideas; Romanian Authors Writing in French; Archives of Contemporary Literature

Ideas; Romanian Authors Writing in French; Archives of Contemporary Literature

Ideas; Romanian Authors Writing in French; Archives of Contemporary Literature

Ștefan BORBÉLY

(stefanborbely@yahoo.com)

World and Comparative Literature; Mythology

Corin BRAGA

Comparative Literature; Imagination Studies; Religion and Literature; Utopias and Dystopias; Archetypes and Anarchetypes

Ruxandra BRAGA

Comparative Literature; Imagination Studies; Modern and Postmodern Poetry, History of Ideas, Contemporary Fiction

Adrian CHIRCU-BUFTEA

(adrianchircu@yahoo.fr; Faculty of Letters 31, Horea Street, Cluj-Napoca, Office 134, 1st floor) *Romanian Language and Romance Linguistics*

Ligia-Stela FLOREA

(ligia.florea@lett.ubbcluj.ro; lsflorea@yahoo.fr)

Linguistics, Pragmatics, Discourse Analysis

Rodica-Monica FRENȚIU

(rfrentiu@hotmail.com)

Cultural Semiotics; Japanese Poetics; Traductology

Yvonne GOGA

(yvonne_goga@yahoo.fr)

Nineteenth, Twentieth and Twenty-first century French Literature; Traductology; Francophone Literatures

Anca - Luminița GREERE

Translation Studies, Specialised Translation, Quality Assurance, Teaching Methodologies For Professionally Oriented Education

Simona - Alina JIȘA

Modern And Contemporary French Literature

Michaela MUDURE

(mmudure@yahoo.com)

Women's Literature; Enlightenment, Postcolonial Literatures; American Studies

Ștefan OLTEAN

Possible World Semantics

Multilingual Practices

Horia - Flavius POENAR

Literary Theory, World Literatures,

English Literature

Liana POP

French and Romanian Linguistics; Pragmatics, Discourse Analysis; Oral Communication



The Doctoral School in Linguistic and Literary Studies of the Faculty of Letters at the Babeș-Bolyai University aims at the continuation of the Bachelor and Master's studies on scientific grounds which could allow the doctoral candidate to follow either the research path, or the teaching career at an academic level. The scientific and didactic activities encompassed in the curricula range from courses, seminars, laboratories, to workshops. The conferences and formation modules provided by the faculty, the university or other partner institutions enable students to do and conduct scientific research. The doctoral school encourages doctoral students to take part in international exchange programmes carried out in foreign languages which improve the competences specific to philological studies. In addition, the doctoral school actively contributes to the organization of activities in foreign languages by inviting international specialists and doctoral co-advisors in order to raise the local scientific prestige and raise awareness of the doctoral programmes offered in our university.

Mihaela POP (URSA)

(mihaelaursa@gmail.com)

Comparative Literature and Cultural Studies; Gender Studies; Digital Humanities; Fictional Worlds

Rodica POP

(rodicalascupop@yahoo.fr)

French and Belgian Literature; Francophone Comparatism; Traductology

Sanda Tomescu BACIU

(sanda.tomescu@yahoo.com)

Norwegian Literature; Ibsen Studies; Comparative Nordic Literatures

CONTACT

Director: **Bianca – Elena BICAN**

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Secretary of the Doctoral School:

Constantin Alexandra

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Doctoral School in Hungarology Studies

Doctoral supervisors

Attila BENŐ

Sociolinguistics; Language Contacts; Traductology

Emese EGYED

European Literary Contacts (16th-21st Centuries), History of Drama; Education through Philological Studies; Hungarian Literature; French Literature in Hungary

Csilla GÁBOR

History of Ancient Literature

Vilmos KESZEG

Anthropology of Writing; Anthropology of Narrative; 20th Century Biographies

Gyöngyi ORBÁN

Theory of Literature; Esthetics; Literary Hermeneutics

Ferenc POZSONY

Material and Social Culture; Interethnic Relations; Customs

Levente SZABÓ

Literary Criticism, Comparative Literature Cultural History, Social History

Vilmos TÁNCZOS

Ethnology of Religion; Archetypal Symbolism in Folclore and in Popular Culture; The Culture of the Moldavian Csángós

CONTACT

Director: **Vilmos KESZEG**

Email: vilmos.keszeg@ubbcluj.ro

Secretary of the Doctoral School: **Andre Irenke**

Email: maria.andre@ubbcluj.ro

Web: www.neprajztanszek.ro

hunlit.lett.ubbcluj.ro/hu/doktori-kepzes



The Doctoral School in Hungarology Studies covers the research areas of philology (language and literature, journalism, ethnology) for studies in Hungarian language at Babeş-Bolyai University. The professors of the doctoral school belong to the Department of Hungarian Literature, to the Department of Hungarian and General Linguistics and to the Department of Hungarian Ethnography and Anthropology as well as to the Department of Journalism and Political Sciences (Faculty of Political, Administrative and Communication Sciences). Visiting professors of the school are specialists in these fields. The doctoral school promotes interdisciplinary and intercultural dialogues and cooperates with scientific institutes in the domain (Hungarian Academy of Sciences, Transylvanian Museum Society and others) and with other doctoral schools and scientific circles.

The doctoral students' articles and theses are published in accredited scientific journals as *Erdélyi Tudományos Füzetek*, *Emberek és kontextusok*, [ME.DOC], *Erdélyi Múzeum*, *Nyelv- és Irodalomtudományi Közlemények*, *Irodalomtörténeti füzetek*.



Doctoral School in Law

Doctoral supervisors

Sorin Octavian ALĂMĂREANU

Public Law

Dan Mircea BOB

Private Law; Roman Law

Sergiu BOGDAN

Criminal Law

Radu-Nicolae CATANĂ

Business Law

Dacian-Cosmin DRAGOȘ

Administrative Law; European Administrative Law

Gheorghiță MATEUȚ

Public Law

Ovidiu-Laurențiu PODARU

Administrative Law

Ionuț-Florin POPA

Private Law

Ioan-Florin STRETEANU

Penal Law

Paul - Dinu VASILESCU

Private Law

Ioana VASIU

Penal Law

CONTACT

Director: **Paul – Dinu VASILESCU**

Secretary of the Doctoral School:

Pop Simona Maria

Email: simona.pop@ubbcluj.ro

Web: <http://law.ubbcluj.ro/>



The Faculty of Law organizes the Doctoral School in Law (public and private law). Doctoral studies are open to all candidates holding a Master's degree or an equivalent academic degree.

The goal is to train researchers in law at the highest level of international competitiveness. The doctoral school is led by a director responsible for the day-to-day management and is accountable to the Council for Doctoral Studies.

The mission of the doctoral school is to organize the recruitment of future doctoral students through a public and transparent procedure in the context of the general policy of the university ; to ensure the scientific quality of mentoring doctoral students by personalizing their work, while ensuring the best conditions for the development of their doctoral thesis. The aim is also to ensure that doctoral students learn the research methods of law, based on continental law and comparative methods, as well as on the EU law.

The doctoral training is designed to best meet the major current topics in legal research and to be able to adapt to the future ones.

The doctoral school can support scientific and intellectual exchange between doctoral students of the doctoral schools in the university, as well as with national and international partners of the university. The doctoral school supports joint doctoral degrees.

This objective is pursued through collaborative actions with partner higher education institutions.



Doctoral School in Physical Education and Sport

Doctoral supervisors

Daniel Henry Franck COURTEIX

(moneadan1976@gmail.com)

*Exercise Physiology, Sports Medicine,
Osteoporosis*

Emilia Florina GROSU

(emiliaflorina.grosu@gmail.com)

*Movement Anthropology; Motor Learning; Motor
Development; Physical Activity, Fitness and Health;
Mental Training; Performance in Sport;*

Iacob HANȚIU

(iacobhantiu@gmail.com)

*Human Movement Study; Sport Coaching;
Biomechanics;
Health Related Physical Activity; Physical Education*

Dan MONEA

(moneadan1976@gmail.com)

Sport and Motric Performance

Iosif SANDOR

(isandor2001@gmail.com)

*Exercise Physiology, Exercise Performance
Strength & Conditioning, Sport Biomechanics*

CONTACT:

Director: **Emilia – Florina GROSU**

Email: emilia.grosu@ubbcluj.ro

Secretary of the Doctoral School:

Emanuela Barboni

Email : emanuela.barboni@ubbcluj.ro

Web: <https://sport.ubbcluj.ro/en/doctorat/>



The field of doctoral studies in which the Doctoral School of Physical Education offers PhD is Science of Sport and Physical Education. Current doctoral students are from Romania and Israel, and courses are taught in English and Romanian. Within the FEFS Cluj-Napoca Erasmus programme the following international partnerships have been signed at doctoral level: Universite de Rouen (FR), National and Kapodistrian University of Athens (GR), Università degli Studi di Roma Foro Italico (IT), University Summelweis (HU), Universidade de Tras-os-Montes e Alto Douro (PT).



Doctoral School in Theatre and Film

Doctoral supervisors

Theatre and Performing

Miklós BÁCS

Theatre Aesthetics; Theatre Pedagogy

Diana COZMA

Theatre Studies; Theatre Anthropology

Miriam - Simona CUIBUS

The theatricality of the bovaric phenomenon, Hermeneutics, poetics / poetry and senses of corporality in the art of the actor;

Daniela GOLOGAN (Miruna RUNCAN)

Audience Studies; Theatre and Film Semiotics; Theatre History

András HATHÁZI

Theatre Aesthetics; Theatre Pedagogy

Anca - Michaela MĂNIUȚIU

Theatre Theory; Theatre Aesthetics

Mihai MĂNIUȚIU

Contemporary Theatre; Theatre Aesthetics

Laura TEUȚIȘAN (PAVEL)

Theatre Aesthetics; Performance Theory and Cultural Analysis

András VISKY

Hamburg drama, stage adaptation and contemporary drama.

Cinematography and Media

Dan - Radu CUREAN

Film and television image, Documentary production, Media formats

Rodica - Otilia MOCAN

*New Arts in the Digital Age;
Art and science in interactive documentary;
Posthumanism and Transhumanism in Contemporary Art.*

Doru Aurel POP

Film criticism; Visual culture and visual communication; Contemporary European and Romanian cinema

Ioan Simion POP CURȘEU

Film Aesthetics; Film Theory

Ileana - Nicoleta SĂLCUDEAN

Cultural Studies, Sociology Of Culture, Creative Industries.

Florin - Claudiu TURCUȘ

Post-communist imagery and ideology: literature and cinema; Political approaches of the Romanian film from the socialist period;

Florin ȚOLAȘ

Film and Television Image

CONTACT

Director: **Laura TEUȚIȘAN (PAVEL)**

Email: laura.pavel@ubbcluj.ro

Secretary of the Doctoral School: **Pedestru Mihai**

Email : mihai.pedestru@ubbcluj.ro

Web: <http://doctorat.tv.ubbcluj.ro/>



The Doctoral School in Theatre at Babeș-Bolyai University offers its students a professional, open and supportive environment for research concerning the full spectrum of performing arts and contiguous fields such as theatre history, dramatic literature, performance theory, audience studies, theatre pedagogy or cultural management and marketing.

Advanced courses are offered in the areas of theatre semiotics, audience studies, contemporary stage-directing, the historical relationships between theatre and cultural and political ideologies, actively encouraging interdisciplinary approaches (anthropology, sociology, film studies etc.).

Our faculty, a mix of prominent theatre practitioners and accomplished scholars, will constantly strive to assist the student during the research, writing and publishing stages of the doctoral thesis.



Doctoral School in Economics and Business Administration

Doctoral supervisors

Accounting

Adela DEACONU (adela.deaconu@econ.ubbcluj.ro)
any topics on Accountancy – EN, FR, RO

Cristina - Silvia NISTOR (cristina.nistor@econ.ubbcluj.ro)

any topics on Accountancy – EN, FR, RO

Adriana TIRON-TUDOR (adriana.tiron@econ.ubbcluj.ro)

preferred topics: Financial and non-financial reporting; Public sector accounting, auditing and control; Accounting profession history, ethics, dilemmas, challenges – EN, RO

Business Informatics

Robert BUCHMANN

(robert.buchmann@econ.ubbcluj.ro)

any topics on Business Informatics – EN, RO

Dimitris KARAGIANNIS

any topics on Business Informatics – EN, RO

Rodica - Ioana LUNG (rodica.lung@econ.ubbcluj.ro)

preferred topics: Evolutionary Calculus,

Game Theory – EN, RO

Ioan PETRI

(ioan.petri@econ.ubbcluj.ro)

any topics on Business Informatics – EN, RO

Gheorghe Cosmin SILAGHI

(gheorghe.silaghi@econ.ubbcluj.ro)

any topics on Business Informatics – EN, RO

Cybernetics and Statistics

Cristian - Mihai DRAGOȘ (cristian.dragos@econ.ubbcluj.ro)

preferred topics: Applied Statistics and Econometrics – EN, FR, RO

Dorina LAZĂR (dorina.lazar@econ.ubbcluj.ro)

preferred topics: Applied Statistics and Econometrics – EN, RO

Codruța MARE (codruta.mare@econ.ubbcluj.ro)

preferred topics: Applied Statistics and Econometrics – EN, RO

Marketing Field of Study

Dan-Cristian DABIJA (cristian.dabija@econ.ubbcluj.ro)

preferred topics: Retail Marketing; Generational Marketing; Green Retailing; International Retail Marketing – EN, GE, RO

Ioan PLĂIAȘ (ioan.plaias@econ.ubbcluj.ro)

any topics on Marketing – EN, RO

Ciprian-Marcel POP (marcel.pop@econ.ubbcluj.ro)

any topics on Marketing – EN, RO



In the eight PhD Programms of the PhD School within the Faculty of Economics and Business Administration candidates may write their PhD Thesis in the following languages: EN – English; FR – French; GE – German and RO – Romanian. According to the preferred PhD subject/topic, a PhD candidate should refer to one of the following PhD Supervisors:

Finance

Monica ACHIM (monica.achim@econ.ubbcluj.ro)

preferred topics: Business & Finance (Corporate finance, Financial Analysis, Public Finance, Fiscality) – EN, RO

Ioan BĂTRÂNCEA (ioan.batrancea@econ.ubbcluj.ro)

any topics on Finance – EN, RO

Cristina CIUMAȘ (cristina.ciumas@econ.ubbcluj.ro)

any topics on Finance – EN, RO

Simona - Laura DRAGOȘ

(simona.dragos@econ.ubbcluj.ro)

Insurance and pension schemes, Conventions, avoidance of double taxation, Insurance taxation – EN, RO

Simona NISTOR (simona.mutu@econ.ubbcluj.ro)

Systemic Risk, Cross-Border Banking, Financial Networks, Banking Regulation, Financial Econometrics – EN, RO

Alexandru TODEA (alexandru.todea@econ.ubbcluj.ro)

any topics on Finance – EN, RO

Management

Anca BORZA (anca.borza@econ.ubbcluj.ro)

preferred topics: Strategic Management, Entrepreneurship, Corporate Social Responsibility, Industrial Management – EN, RO

Emil - Lucian CRIȘAN (emil.crisan@econ.ubbcluj.ro)

any topics on Management – EN, RO

Liviu ILIEȘ (liviu.ilies@econ.ubbcluj.ro)

any topics on Management – EN, RO

Răzvan NISTOR (razvan.nistor@econ.ubbcluj.ro)

any topics on Management – EN, RO

Levente SZÁSZ (levente.szasz@econ.ubbcluj.ro)

any topics on Management – EN, RO

Monica - Aniela ZAHARIE

(monica.zaharie@econ.ubbcluj.ro)

any topics on Management – EN, RO

Economic

Zsolt SÁNDOR

any topics on General Economics – EN, RO

Monica-Ioana POP SILAGHI

(monica.pop@econ.ubbcluj.ro)

any topics on General Economics – EN, RO

CONTACT

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Secretary of the Doctoral School:

Moldovan Camelia Dora

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Web: https://econ.ubbcluj.ro/n3.php?id_s=194&id_c=84&id_m=3

“Isidor Todoran” Doctoral School in Orthodox Theology



Doctoral supervisors

Ioan Andrei ANDREICUȚ
(The Most Reverend Metropolitan)
Orthodox Spirituality

Valer BEL
Missiology and Ecumenism

Ioan CHIRILĂ
The Old Testament; Biblical Archaeology; Hebrew Language

Gabriel GÂRDAN
History of Universal Church

Vasile GORDON
Homiletics and Catechetical Studies

Ștefan ILOAIE
Christian Ethics

Ioan Vasile LEB
History of Universal Church

Cristian - Sebastian SONEA
Missiology, Ecumenism, Orthodox Dogma

Vasile STANCIU
Church Music and Rite

Cristian TIA
Pastoral Theology

Stelian TOFANĂ
The New Testament

Nicușor TURCAN
*Apologetics, Fundamental and dogmatic theology
Phenomenology, History of philosophy*

Patriciu VLAICU
Canon Law and Church Administration

CONTACT

Director: **Vasile STANCIU**
Email: vasile.stanciu@ubbcluj.ro
Secretary of the Doctoral School:
Mureșanu Teodora-Ilinca
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Web: <http://scdoct.orth.ro>

The Doctoral School in Theology from the Faculty of Orthodox Theology through the efforts of teachers and several doctoral students, was established a precious documentation infrastructure for its students and researchers.

The doctoral students conduct research projects on topical issues relevant to the contemporary interconfessional and interreligious dialogue. Since 2008, in the faculty are organized every year scientific sessions with the participation of doctoral students from other faculties from the country and from abroad. The findings of these scientific meetings materialized in the publication of several volumes of studies.



“Ecumene” Doctoral School in Theology

Doctoral supervisors

Dezső BUZOGÁNY

Theology; Church History

Sándor FAZAKAS

Theology

Lehel LÉSZAI

*Theology, Christian Theology, Biblical Studies
Religious Education, New Testament*

János MOLNÁR

Theology; Biblical, Pastoral and Didactic Theology

Mózes NÓDA

*Liturgical Theology (19th-20th century Liturgical
Movement and Reform, Conciliar and Postconciliar
Liturgical Reform; Liturgy and Art; Popular
Devotions);
Church History (The Romanian / Transylvanian
Catholic Church in the 20th Century)*

Emilia-Corina ZAMFIR

*Old Testament (Jeremiah, Psalms of Lament,
Suffering, Death, Afterlife); New Testament and
Early Christianity (Pauline Communities, Pastoral
Epistles, Acts of Thecla, Voluntary Associations,
Women in Early Christianity); Ecumenical Theology
(Catholic-Protestant Ecclesiological and
Sacramental Dialogue)*

Gusztáv KOVÁCS

*Social Ethics, Fundamental Ethics Clinical Ethics
Medical Ethics, Theology, Christian Ethics*

CONTACT

Director: **Lehel Leszai**

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Secretary of the Doctoral School: **Biró Noémi**

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Web: <https://rt.ubbcluj.ro/en/phd-program-in-theology/>



The doctoral studies are organized over a period of 3 academic years, and they include:

- *A training programme based on advanced academic studies within the doctoral school and consists of activities in institutionalized formations of study;*
- *An individual programme of scientific research;*
- *Doctoral studies end with the public defence of an original paper called doctoral thesis, which is the result of the research conducted by the doctoral student.*

Doctoral studies can be conducted in one of the following languages: Romanian, Hungarian, German, English or other international foreign language.

“Religion, culture, society” Doctoral school in Roman Catholic Theology

Doctoral supervisors

Clara - Antonia CSISZAR

Theology

Dávid DIOSI

Theology

László HOLLÓ

Theology

CONTACT

Director: **Clara-Antonia CSISZAR**

Email: clara.csiszar@ubbcluj.ro

Secretary of the Doctoral School:

Bereczki Gyöngyvér

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Web: <https://rocateo.ubbcluj.ro/>

The name for the doctoral school - “Religion, Culture, Society” - is the result of a reflection that seeks to position future research socially and ecclesiastically, in the spirit of Vatican II, and thereby also to raise awareness of the importance of religion, culture and society in a compelling reciprocity. This paradigm of theological research is taken for granted in Western Europe, but has remained rather alien to the Catholic minority church in our country, most of whose members also belong to an ethnic minority.

With the new research paradigm, the mega-topics of post-conciliar theology are brought into view in such a way that the focus on the following overarching question always remains in the foreground: The role and possibilities of the concrete application of Catholic Social Teaching for a vital Church in Romania, in the Hungarian-speaking area, in East Central Europe. Indeed, the post-communist societies of East-Central Europe continue to be in transition, and the relevant question arises daily as to what role Catholic higher education and theology should play in this protracted transition process, so that the inherent values of these societies are not entirely lost in the transition.

In this sense, this Doctoral School pursues the overarching goal of supporting the professionalisation of the Church towards greater engagement with social and pastoral challenges of today. In doing so, Catholic Social Teaching is our central guideline, not only referring to the preferential option for the poor, but also focusing on the issues of solidarity, human dignity and the principle of subsidiarity. The necessary link between theoretical teaching and practical application is thereby realised by the fact that the research projects of the doctoral college ultimately serve to professionalise present and future leaders, who are an indispensable building block in the process of developing vital communities in which social and pastoral commitment are organically linked.



Doctoral School of Engineering

Doctoral supervisors

Gilbert - Rainer GILLICH

development of non-destructive testing techniques based on the analysis of vibration signals; monitoring engineering structures in order to detect defects early and predict life expectancy; noise and vibration isolation, including those from seismic actions; advanced signal processing; development of autonomous non-destructive control systems.

Zoltán - Iosif KORKA

vibro-acoustic diagnosis of mechanical transmissions; reliability of mechanical transmissions; computer aided design of mechanical systems; programming of numerically controlled equipment.

Tiberiu - Ștefan MĂNESCU

Transportation Engineering, Railway Engineering, Civil Engineering

Tiberiu MĂNESCU

Mechanical Engineering, Economic engineering in the mechanical domain,

Dorian NEDELCU

research in the field of hydraulic machines, SolidWorks Flow Simulation, strength calculations in mechanical engineering by the finite element method (SolidWorks Simulation), computer aided design in mechanical engineering (SolidWorks, Autodesk Inventor, AutoCAD, Microstation, Rapid Prototyping, Reverse Engineering

Zeno - Iosif PRAISACH

Engineering, Applied and Computational Mathematics, Finite Element Analysis, Structural Dynamics, Design Engineering, Finite Element Modeling, Structural Analysis, Stress Analysis, Solid Mechanics, Mechanics of Materials, Pattern Recognition

CONTACT

Director: **Zoltan – Iosif Korka**

Email: zoltan.korka@ubbcluj.ro

Secretary of the Doctoral School:

Chira Mihaela Tatiana

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Web: https://eng.ubbcluj.ro/?page_id=405

The Faculty of Engineering from Babeș-Bolyai University offers the 3rd cycle of academic studies in the form of PhD programmes in the doctoral degree area Mechanical Engineering, within the Doctoral School of Engineering. Target groups are graduates of master programmes in Mechanical Engineering, Industrial Engineering, Mathematics, Computer Science, Computer Engineering and Natural Sciences.

The programmes are promoting high-quality fundamental and applied research in Mechanical Engineering, as well as interdisciplinary research, by involving the PhD students in the most important and recent research projects of the faculty, including international cooperation with academic and industrial partners.

The major research topics that are studied within the doctoral school are Mechanical Engineering are: Mechanics, Mechanisms and Machine Parts, Mechanical Vibration, Material Strength, Hydraulics and Hydraulic Machines, Thermotechnics and Thermal Machines.

The mission and objectives of the Doctoral school of Engineering in the lines of the general mission of UBB, allowing PhD students to pursue a high-quality research, increasing the scientific quality of mentoring doctoral students and the quality of their PhD theses. The Doctoral School supports also joint doctoral degrees.





UNIVERSITATEA BABEȘ-BOLYAI
BABEȘ-BOLYAI TUDOMÁNYEGYETEM
BABEȘ-BOLYAI UNIVERSITÄT
BABEȘ-BOLYAI UNIVERSITY

TRADITIO ET EXCELLENTIA