

Faculty of Chemistry, Biology, Geography

Facultatea de Chimie, Biologie, Geografie

*Interdisciplinarity and flexibility, for a high-quality training
and successful careers in science.*





MASTER / MASTER

Study programme title:

Geographic Information Systems (GIS) - M.Sc in **EN** – 2 years

Number of available places: 44

Short description of the programme:

This Master studies programme aims to implement advanced research as it is a scientific master program aiming to direct the graduates to follow the doctoral and advanced research program of the university and to prepare graduates with remarkable abilities and competencies which can be easily integrated on the Romanian labor market. The mission of the study programme is in closely relation to the general mission of UVT, both in didactic activities as well as in research.

The general objective of the program is to provide complex training in spatial analysis by high level teaching by offering the necessary concepts and instruments for implementing GIS and Remote sensing techniques both in scientific research as well as on the labor market.

The main objectives and competences are corroborated to the needs identified on the labor market and to the national frame of occupations.

Main subjects:

Geoinformation

Student profile- what/whom are we looking for?

Problem-solving oriented students. Good technical skills. Passion for research.



Contact details:

lucian.dragut@e-uvt.ro

Faculty of Law

Facultatea de Drept

Legal studies offer young people great opportunities for professional achievement. Our graduates can become judges, prosecutors, defense counsels, notaries, legal advisers or magistrates. Legal studies are also recommended to those who want to build a political career.



MASTER / MASTER

Study programme title:

European Union Law - M.A. in EN – 1 year

Number of available places: 50

Short description of the programme:

The Master programme in *European Union Law* is offered by the Faculty of Law of the West University of Timișoara.

Taught entirely in English over the course of one academic year (60 ECTS), the programme involves renowned Romanian and international academics, many of whom are also legal practitioners, working with EU law on a daily basis and keen to approach the most recent developments in their respective fields.

The programme focuses on teaching and assessment in core EU law subjects, in order to provide a strong background to our students and prepare them for specialized careers at national or international level. The study of the EU legal system EU is combined with reflections on the relevant historical and political context, economic and policy implications, thus offering a fertile ground for interdisciplinary approaches and for interaction with other subject areas.

Main subjects:

Principles of European Union Law; European Union Institutions and Procedures; Human Rights in the European Union; Conflicts of Laws and of Jurisdiction in the European Union; Competition and Consumer Protection European Union Law; European Union Fiscal Law; European Union Law of Financial Institutions; European Union Company Law.

Student profile- what/whom are we looking for?

Holders of a bachelor degree (preferably in social sciences) having a general knowledge of the structure and functioning of the European Union and its institutions, who are looking to deepen their understanding of EU law and to acquire specialized legal knowledge in specific areas of the EU system.



Contact details:

Bd. Eroilor de la Tisa. 9A, 300575, Timișoara, România;

E-mail: drept@e-uvt.ro;

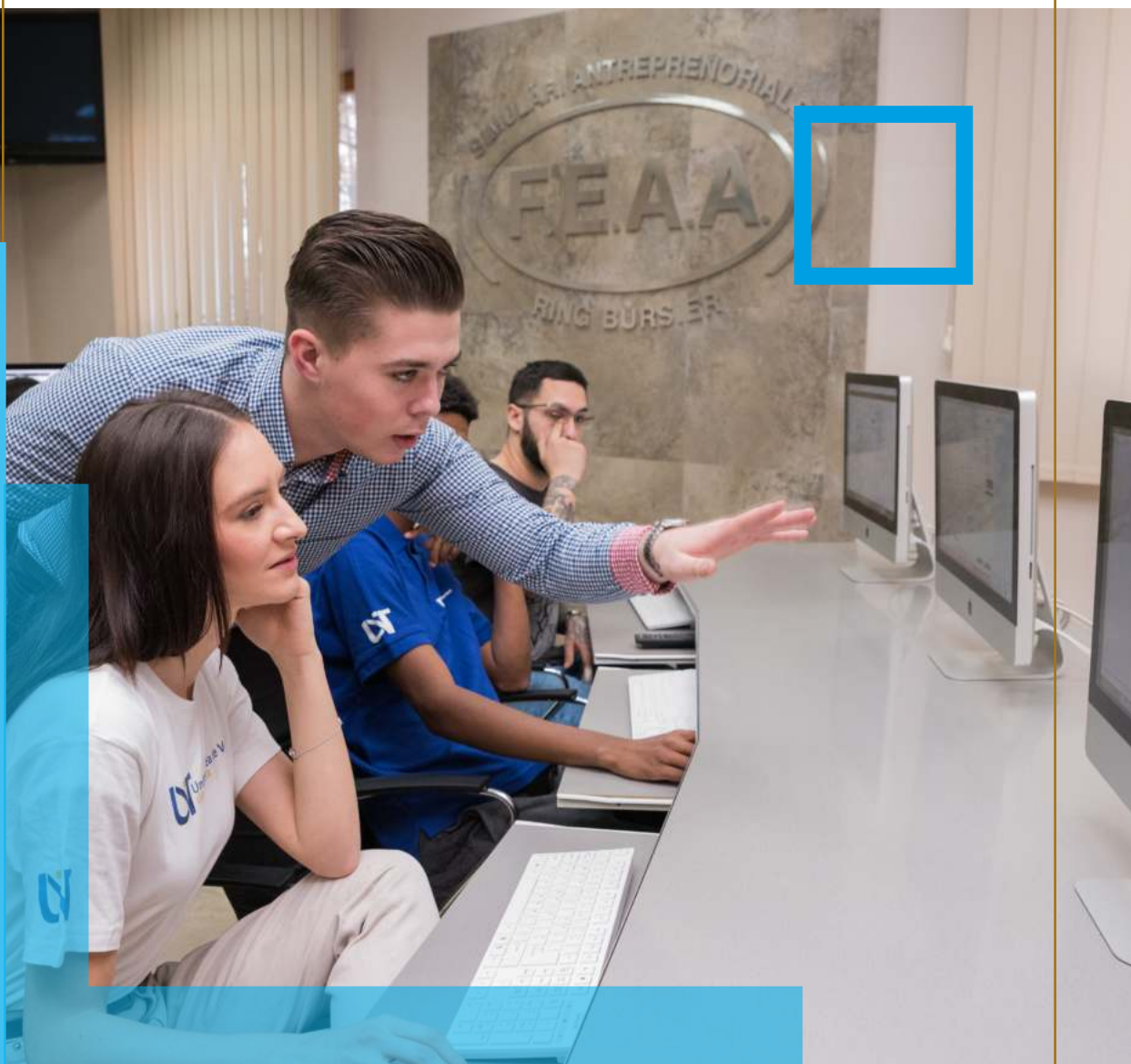
Telephone: +40-256.592.400;

Website: www.drept.uvt.ro

Faculty of Economics and Business Administration

Facultatea de Economie și Administrarea Afacerilor

The most prestigious institution of high and continuous education in economic sciences from Western Romania, since 1967. Through its academic research, it plays an important part in the development of the local community and in the transfer of knowledge from the faculty to national and international companies.



LICENȚĂ / BACHELOR

Study programme title:

Finance and Banking (FB) - B.Sc. in **EN** – 3 years

Number of available places: 50

Short description of the programme:

The *Finance and Banking* (FB) study programme has been created as a direct answer to the continuously growing need for professionals who, through their training and experience can help companies be successful on a global market. By attending this programme, the students will learn and analyze the way in which companies obtain and handle their capital, use financial strategies and financial instruments in the public and private sector. The Finance and Banking programme ensures a high level of training, in various fields (firms' asset management, efficiency, development of skills in financial investments, financial corporations and insurance companies) being a full-time study programme (3 years).

Main subjects:

1st Year: Microeconomics, Macroeconomics, Mathematics Applied in Economics, Economic Informatics, Public finance, Accounting;

2nd Year: Marketing, Management, Capital Markets, Corporate Finance Taxation, Banking Operations;

3rd Year: Monetary Economics, Public Institutions Finance, Public Sector Governance, International Finance, Economic and Financial Analysis.

Student profile- what/whom are we looking for?

This line of study fits you if: **1. You want to gather knowledge** and abilities that are going to help you understand the way financial institutions and intermediaries operate, use financial products and instruments and have a successful career in the global financial and banking industry; **2. You look for the opportunity** of becoming a qualified and competent manager in the field of banking or in any other field where an efficient approach to management is needed; **3. You want to understand** the way financial public policies are set in place at the governmental level; **4. You want to develop** innovative abilities in solving complex interdisciplinary problems and in taking decisions.

Career impact and other relevant details:

Graduating from this study programme offers a large choice of careers. Our students can opt for a position in: commercial and investment banks; investment funds and broker companies; national or international companies' financial departments; insurance and reinsurance companies; ministries and public institutions' financial departments; consultancy and financial analysis companies for both, the public and private sectors.

Contact details:

Str. J.H.Pestalozzi, no. 16, 300115, Timișoara, Romania;

Tel: +40.256.592.505;

E-mail: secretariat.feaa@e-uvt.ro;

Website: www.feaa.uvt.ro

Programme coordinator: Prof. PhD, Petru Ștefea: petru.stefea@e-uvt.ro;

Telephone: +40.256.592.508.

LICENȚĂ / LICENCE

Titre du programme d'études:

Management - Licence en **FR** - 3 années

Nombre de places disponibles: 50

Brève description du programme:

La vision de la spécialisation *Management* en langue française répond à la nécessité de former de futurs économistes et managers, spécialistes capables de gérer les organisations, capables de pratiquer dans l'environnement international, à la fois en Roumanie et dans d'autres pays, particulièrement dans un pays francophone et francophile.

Le parcours conjugue l'approche théorique et les contacts sur le terrain de l'économie réelle. Il accorde une place prépondérante à l'initiative de l'étudiant par les travaux dirigés dans la conduite de projets et les travaux de synthèses (exposés, fiches de lecture), et par l'immersion ponctuelle, d'une durée moyenne, dans l'entreprise.

Sujets principaux:

Microéconomie, Macroéconomie, Bases des données, Informatique économique, Management des coûts, Management de la chaîne logistique, Management stratégique, Statistique, Prévision économique, Recherches de marketing, Management des projets.

Profil étudiant - que/qui recherchons-nous ?

Nous recherchons des jeunes capables d'agir en tant que professionnels dans le management des organisations, compétents et compétitifs dans le monde entier, en mesure d'améliorer leurs conditions de vie et le monde autour d'eux. Nous leur offrons la chance de devenir les meilleurs, les plus compétents et compétitifs, adaptables à tout environnement organisationnel.

Impact sur la carrière et autres détails pertinents:

Opportunités / carrières : Analyste stratégique, analyste financier, analyse managériale, organisation processuelle, analyse de la culture organisationnelle ; Spécialiste en ressources humaines, spécialiste en logistique, en conception des opérations, en management des fabricants, ressources matérielles ; Manager de projet, membre dans l'équipe de projet, de recherche et développement ; Top-manager, junior manager, assistant manager ; Entrepreneur – manager des petites et moyennes entreprises ; Jobs dans le domaine de la consultance, dans des entreprises de consultance managerielle, évaluation des ressources humaines ; Jobs d'économiste dans des entreprises, des institutions publiques, organisations non-gouvernementales, nationales et internationales, dans tous domaines d'activité.

Détails de contact:

Rue Pestalozzi, nr 16, Timisoara, Roumanie, www.feaa.uvt.ro

E-mail: secretariat.feaa@e-uvt.ro;

Website: www.feaa.uvt.ro

Téléphone: +40256.592.506

LICENȚĂ / BACHELOR

Name des Studienganges:

Rechnungswesen und Wirtschaftsinformatik (RWI) - B.Sc. in **Deutsch** – 3 Jahre

Anzahl von Studienplätzen:

Gesamtanzahl: 50 | Gebührfrei: 25

Kurze Beschreibung:

Der Studiengang ist dazu bestimmt, durch einen fokussierten Lehrplan Grundkenntnisse auf den Gebieten des Rechnungswesens und der Wirtschaftsinformatik zu entwickeln.

Er wird als Doppelabschlussprogramm in Partnerschaft mit Hochschule Karlsruhe (Deutschland) - Studiengang Internationales IT Business gestaltet und erfreut sich der Unterstützung der in der Region vertretenen deutschen Unternehmen.

Der Mix Buchführung – Wirtschaftsinformatik – Deutsch richtet sich an die spezifischen Bedürfnisse des Arbeitsmarktes, was zu ausgezeichneten Job - Perspektiven der Absolventen führt.

Hauptfächer:

West – Universität

Mikro- und Makroökonomie ; Wirtschaftsrecht ; Internes und externes Rechnungswesen; Steuerwesen; Controlling; Internationale; Standards auf den Gebieten der Rechnungslegung; Jahresabschlussanalyse; Wirtschaftsprüfung; Wirtschaftsinformatik; Datenbanken; Programmierung C++ und C#; ERP-SAP.

Hochschule Karlsruhe

Softwareentwicklung; Operations; Research/Logistik; Statistik / Business Intelligence; International Strategic Management; Marketing; User Centered Design.

Studentenprofil

Wir suchen Gymnasiumabsolventen mit guten Deutschkenntnissen, die sich ein international-gerichtetes Studium und eine Karriere in der aktuellen Business-Welt erwünschen.

Karriere:

Potentielle Arbeitgeber: Multinationale Unternehmen aus dem deutschsprachigen Raum

Potentielle Jobs: Buchführer, Controller, Finanzanalyst, Wirtschaftsprüfer, Steuerberater.

Kontakt Daten :

Str. J.H.Pestalozzi, no. 16, 300115, Timișoara, Romania;

E-mail: secretariat.feaa@e-uvt.ro;

Telefon: +40.256.592.505;

Ansprechpartner: Doz. Dr. Cristina Circa;

E-mail: cristina.circa@e-uvt.ro;

Website: www.feaa.uvt.ro

Telefon: 0256 592 552.

MASTER / MASTER

Study programme title:

Global Entrepreneurship, Economics and Management (GEEM) - M.Sc. in **EN** – 2 years

Number of available places: 30

Short description of the programme:

GEEM is the first research master's programme organized by FEBA as a result of extensive international cooperation agreements between WUT and University of Bordeaux (France) and the University of Sassari (Italy). Aimed to respond the increasing worldwide societal demand for advanced research skills, the program provides master students with the abilities required to carry out innovative research activities in the field of *Economics and Business Administration* either in private or public sectors.

Main subjects:

1st year: Academic writing; Ethics in academic research; Qualitative models in business; Cognitive theory of entrepreneurship; Accounting, law and economics; Econometrics; Economics of innovation; Advanced macroeconomics

Optional: Empirical Industrial Organizations; Corporate reporting and Analysis; Big Data Analysis; Public Choice, Government and Society.

2nd year: Panel data econometrics; Advanced microeconomics; Institutions and markets; Development and growth; Research practice; Spatial econometrics; Urban economics; Social Network Analysis and network economics; Advanced finance; Research; Master thesis elaboration.

Student profile- what/whom are we looking for?

GEEM is addressed to undergraduates and postgraduates, regardless of specialization, intending to acquire specialized knowledge in order to tackle advanced independent research activities. The students should be interested to aim for: Deeper understanding of concepts, theories, methods and instruments in global entrepreneurship, economics and management; Knowledge and mind-set to thrive in an entrepreneurial field; Theoretical and applied training in business research; Application of knowledge by concentrating on research endeavours and by providing a practical focus on research outputs; Develop skills in analysing empirical data in a professional setting based on training students by using modern IT&C technologies; Active learning methods, research seminars dedicated to cutting edge research in the field and internships.

Career impact and other relevant details:

The partnership agreements with the University of Bordeaux (France) and the University of Sassari (Italy) will allow students' mobility and the acquisition of the knowledge and skills required to complete a master's degree at European level; Acquiring advanced research skills in the field of Economics and Business Administration and training in the effective development of a research activity; Training in using the IT&C, econometric tools and data analysis software; High degree of employability in both high-level private and public sectors.

Career opportunities:

Later transition into a PhD research program and/or pursuing an academic career; Research assistant / economist researcher; Researcher in the field of economic policies, planning and business administration; Entrepreneur in the global environment; Management and organization analyst/researcher; Line management & top management; Other functions regarding the research in business organizations.

Contact details:

Str. J.H.Pestalozzi, no. 16, 300115, Timișoara, Romania;

E-mail: secretariat.feaa@e-uvt.ro;

Website: www.feaa.uvt.ro;

Programme coordinator: Prof. PhD, Dima Bogdan, bogdan.dima@e-uvt.ro;

Telephone: +40.256.592.505.

MASTER / MASTER

Study programme title:

International Corporate Finance (ICF) - M. Sc. in **EN** – 2 years

Number of available places: 50

Short description of the programme:

The Master in *International Corporate Finance* (ICF) offers a solid foundation of business practices, financial principles, and skills that underpin a company's financial decisions. Its students gain the necessary skills in the financial management of the company to suit their career aspirations by a full-time study (2 years - classes are available during evening hours). To develop knowledge and skills for specific career paths in the financial institutions' world, master students carry out various team projects, case studies - business simulation software for companies, capital markets transactions, and they participate in workshops and conferences.

Main subjects:

1st Year: International Financial Management; Corporate Governance; Corporate Social Responsibility & Strategy; Behavioral Finance ; Corporate Finance; Corporate Taxation; Financial Investments; Financial Institution Management.

2st year: Advanced Financial Statement Analysis; Financial Risks Modelling and Management; Mergers & Acquisitions; Portfolio Management; Corporate Valuation; Applied Financial Policies; Internship; Applied Research.

Student profile- what/whom are we looking for?

The master students participate in Student Research Competitions; The master students participate in various research seminars; The master students acquire practical financial knowledge and technical skills; The master students' analytical issues in corporate finance; The master students study investment simulation and financing decisions at the level of companies; The master students acquire practical knowledge of how the financial institutions operate. **Career impact and other relevant details:** When graduating ICF, the master students can apply for a position in:

Credit institutions/commercial banks: top-management, cash-management, officers, operations managers, consultants, credit analysts, risk managers;

Public institutions: top-management, financial advisors, auditors, treasurers, liquidators, internal auditors;

National/multinational companies/corporate groups: top- management, tax consultants, investment analysts, insurance agents, risk capital/venture capital agents;

Investment firms: top-management, securities consultants, fund managers shares/debentures, brokers

Contact details:

Str. J.H.Pestalozzi, no. 16, 300115, Timișoara, Romania;

E-mail: secretariat.feaa@e-uvt.ro;

Website: www.feaa.uvt.ro

Telephone: +40.256.592.505;

MASTER / MASTER**Study programme title:**

Management of Business Organizations - MBO in EN – 2 years

Number of available places: 50

Short description of the programme:

The master programme responds to the contemporary needs of efficient business management in the context of an economy characterized by a fast changing environment and turbulent dynamism. The overall objective is to meet the needs of the business and professional environment in terms of providing competent specialists to effectively manage businesses, regardless of their size, origin or structure of the invested capital. The courses are addressed to all bachelor graduates who wish either to deepen their first specialization or to acquire a new one.

Main subjects:

Organization Management; Strategic Analysis; Global Affairs; Management; Market research and Marketing strategies; Cost management – controlling; Financial and Accounting Reporting Procedures; Business Ethics and Social Responsibility; Financial Performance Analysis; Corporate Finance; Organizational Change Management; Investments Efficiency and Financing.

Student profile- what/whom are we looking for?

Students who wish to deepen their first specialization (in Management) or acquire a new one in the field of *Organizational Management and Business*, with the aim of a fast rapid insertion in the labour market through transversal competences and professional skills.

Career impact and other relevant details:

The students will receive a 360 degrees view on the business administration of a company. The theoretical aspects as well as applicative content of the master course will impact student's understanding regarding the company administration in terms of operational, financial, investment activities, marketing and sales, business ethics and social responsibility.

Contact details:

Str. J.H.Pestalozzi, no. 16, 300115, Timișoara, Romania; Tel: +40.256.592.505;

E-mail: secretariat.feaa@e-uvt.ro;

Website: www.feaa.uvt.ro

Programme coordinator: Prof. PhD, Petru Ștefea: petru.stefea@e-uvt.ro;

Telephone: +40.256.592.508.

MASTER / MASTER

Titre du programme d'études:

Management des Affaires dans le Contexte Européen (MACE) - M.Sc. en **FR** - 2 années

Nombre de places disponibles: 50

Brève description du programme:

Le *Master Management des Affaires dans le Contexte Européen (MACE)* est un programme sur deux années, dont le principal objectif est celui de former des managers possédant une approche globale de l'organisation afin de mettre en œuvre de manière pratique, adaptée et évolutive les connaissances acquises.

La spécialité MACE apporte une compétence forte dans le domaine de la gestion des affaires internationales et du management interculturel. Un des points forts de la formation est le fait que les travaux dirigés sont effectués en collaboration avec des professionnels du milieu d'affaires (des directeurs des entreprises Franco-Roumains). Ceci est un plus qui apportera aux étudiants la connexion essentielle avec les cas concrets de gestion des entreprises.

Les principaux cours de la formation:

Politiques européennes ; Marché unique; Gestion internationale des affaires ; Environnement et stratégie des entreprises ; Management de projets européens ; Marketing stratégique et relationnel d'une PME ; Stratégie financière et industrielle internationale ; Communication et négociation des affaires ; Management de l'innovation et gestion des risques ; Entrepreneurat et leadership ; Stage dans une entreprise française en Roumanie.

Conditions d'accès

La formation s'adresse à tous les candidats issus du milieu européen et non-européen, titulaires d'un diplôme universitaire de niveau Licence 3 (toute spécialité acceptée).

La maîtrise de la langue française est obligatoire.

Employabilité:

La formation permet aux étudiants une intégration dans des entreprises internationales travaillant sur le marché communautaire ou international. Les employeurs potentiels sont des entreprises locales ou multinationales qui développent des projets de développement international. Il s'agit des entreprises qui ont besoin de responsables, de chefs de projets capables de travailler dans des milieux multiculturels variés, d'analyser des situations d'affaires complexes, de négocier à haut niveau, de prendre des décisions rapides et pertinentes et d'animer une équipe internationale. Les contacts avec le milieu d'affaires sont issus de fortes relations de coopération avec l'Institut Français de Timișoara et avec le Centre d'Affaires Franco – Roumain.



Détails de contact:

Rue Pestalozzi, nr 16, Timisoara, Roumanie;

E-mail: secretariat.feaa@e-uvt.ro;

Website: www.feaa.uvt.ro

Téléphone: +40256.592.505

Faculty of Physics

Facultatea de Fizică

A wide perspective on every problem and a good starting point for a career in various fields: astrophysics, renewable energy, material engineering, economic forecast, information technology, medical physics and research.



MASTER / MASTER

Study programme title:

Astrophysics, elementary particles and computational physics - M.Sc. in EN – 2 years

Number of available places: 30

Short description of the programme:

This master programme is dedicated to the study of both General Relativity, Quantum Field Theory and, in addition, the study of advanced computational methods. The courses studied at this programme offer the opportunity for combining both analytical and computational skills of the students and help them to develop research careers in many areas of physics and closed related domains.

Main subjects:

The curriculum can be found on the faculty website, at: <https://physics.uvt.ro/astrophysics-elementary-particles-and-computational-physics/>
Some of the courses from the curriculum are listed below

First semester: Complements of Theoretical Physics, Complements of Solid State Physics, Complements of Atom and Molecule Physics, Magnetic active materials, Ethics of the research. Methodology of scientific work.

Second semester: Standard Model, Gravitation and cosmology, Quantum fields, Introduction in astronomy, Computational Physics.

Third semester: Fields in interaction, Stellar astrophysics, Astrophysics and elementary particles, Statistical methods for data analyzing in astrophysics, Solar resources in space.

Fourth semester: Specialization practice (projects), Scientific research internship, Practice for elaboration of dissertation.

Student profile- what/whom are we looking for?

We are looking for students with B.Sc. degree in physics or related to physics (including B.Sc. in mathematics, engineering or medicine) with significant content in modern physics, including quantum mechanics, electrodynamics and nuclear physics. You may also be considered for the course if you have other professional qualifications or experience with equivalent status.

Career impact and other relevant details:

This master program offers the necessary theoretical knowledge for working in theoretical physics and any areas of physics. The programme offers a large flexibility in what regards the areas in which the students could find a job beginning with physics, IT industry, engineering. It offers the skills needed for working in team and to have a critical thinking.

Contact details:

Bd. Vasile Parvan Nr. 4, Timisoara 300223, Timiș, Romania;

E-mail: secretariat.fizica@e-uvt.ro

Website: www.physics.uvt.ro

Telephone: + 40 0256592108.

MASTER / MASTER

Study programme title:

Physics and technology of advanced materials - M.Sc. in EN – 2 years

Number of available places: 30

Short description of the programme:

Advanced materials with sizes ranging from nano to macro are in the core of many modern technologies. Therefore, it is important to understand and control the material properties from the atomic to the macroscopic scales. The *Physics and technology of advanced materials* M.Sc. specialization focuses on understanding and manipulating the physical properties of materials to discover new features with application relevance. The deepening in the specific domain, mentioned above, is particularly important given the need for knowledge of how to obtain monocrystalline or nano-microsystems with well defined properties and qualities and how to characterize their properties.

Main subjects:

The curriculum can be found on the faculty website, at: <https://physics.uvt.ro/physics-and-technology-of-advanced-materials/>
Some of the courses from the curriculum are listed below:

First semester: Complements of Theoretical Physics, Complements of Solid State Physics, Complements of Atom and Molecule Physics, Magnetic active materials, Ethics of the research. Methodology of scientific work.

Second semester: X-ray characterization of materials, Crystal growth methods, Relaxation processes in advanced materials, Nanoparticle systems in electromagnetic fields, Transport phenomena.

Third semester: Magnetism of nanosystems, Condensed Matter Spectroscopy, Rheological characterization of materials, Defects in crystals, Optical spectroscopy of advanced materials

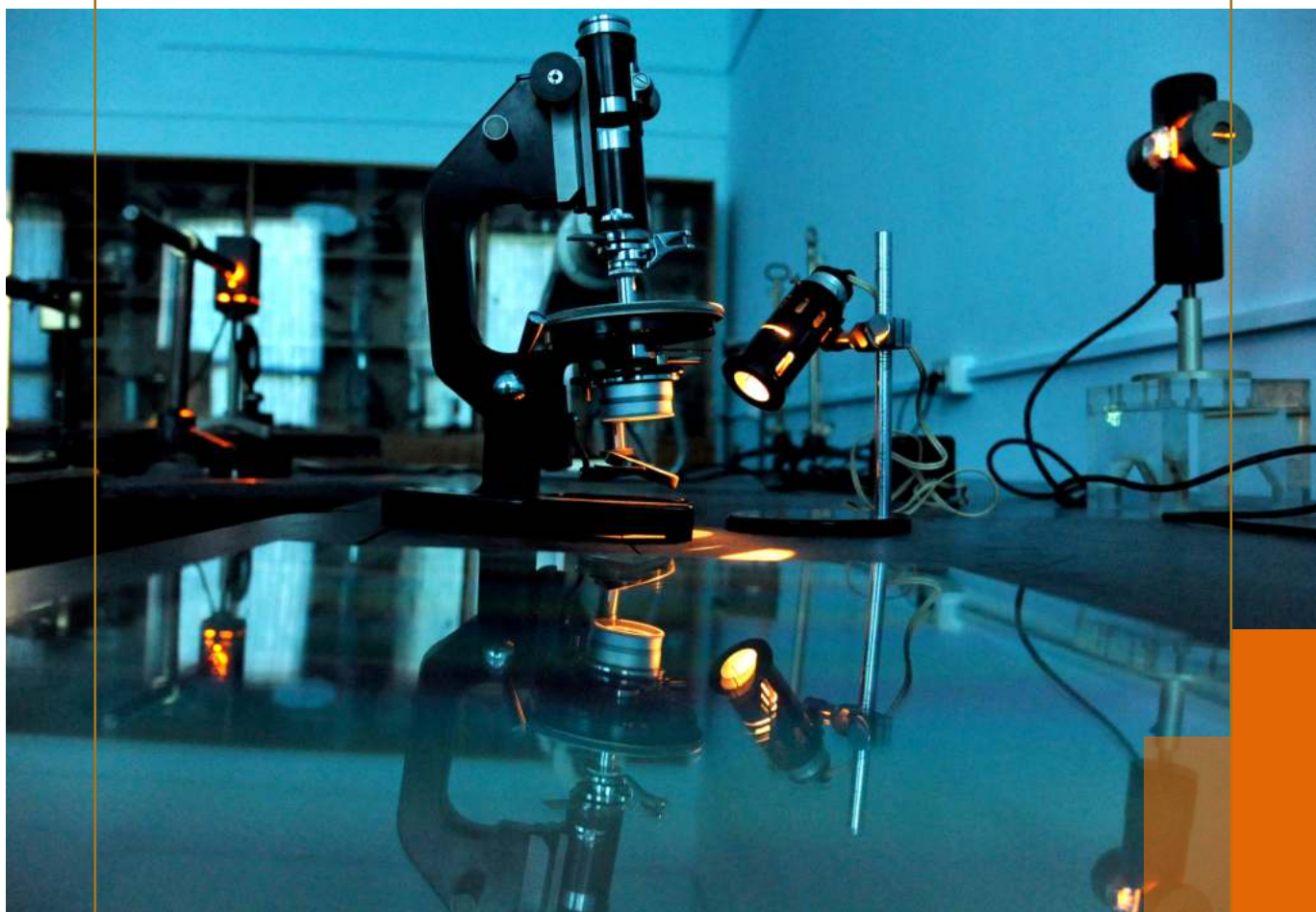
Fourth semester: Specialization practice (projects), Scientific research internship, Practice for elaboration of dissertation.

Student profile- what/whom are we looking for?

We are looking for students with B.Sc. degree in physics or related to physics (including B.Sc. in mathematics, engineering or medicine) with significant content in modern physics, including quantum mechanics, electrodynamics and nuclear physics. You may also be considered for the course if you have other professional qualifications or experience with equivalent status.

Career impact and other relevant details:

The mission of master studies in the *Physics and technology of advanced materials* is to prepare qualified staff for higher education and researchers in the field - closely related to the physics of condensed matter and the materials science and technology. Because of the experimental and theoretical skills achieved during the study, the students will also have the ability to meet the needs of the industrial community in the fields like: material processing, automotive, chemical engineering, IT and others.



Contact details:

Bd. Vasile Parvan Nr. 4, Timisoara 300223, Timiș, Romania;

E-mail: secretariat.fizica@e-uvt.ro;

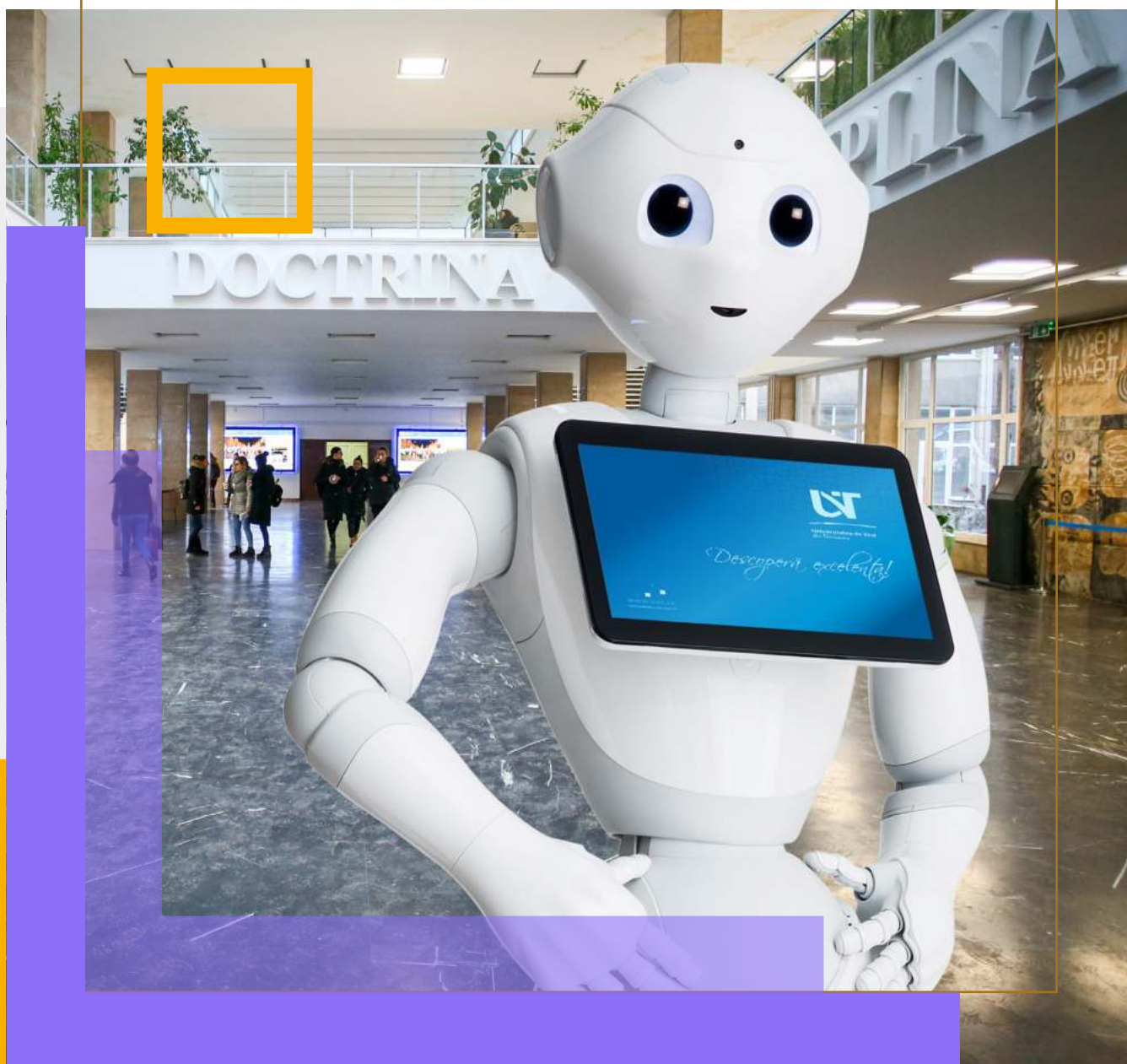
Website: www.physics.uvt.ro

Telephone: + 40 0256592108.

Faculty of Mathematics and Computer Science

Facultatea de Matematică și Informatică

Bringing opportunities to gain not only knowledge and skills for a successful profession, but also to learn how to efficiently solve problems, the Faculty of Mathematics and Computer Science provides access to highly developed calculus infrastructure and an environment that points towards excellence.



LICENȚĂ / BACHELOR

Study programme title:

Computer Science - B.Sc. in EN – 3 years

Number of available places: 125

Short description of the programme:

The aim of the programme is to prepare specialists who have solid knowledge of Computer Science and the ability to apply it in solving computational problems arising in various fields.

The graduates will have theoretical and practical knowledge about: analysis, design, modelling, implementation, validation and maintenance of software systems, problem analysis and construction of abstract models / formal models / computational models, use of theoretical concepts in computer science.

The graduates will have skills on: implementing applications in specific programming languages; integrating and testing computer software, designing and developing software architectures for data processing; implementing data security strategies; administrating computer networks; preparing documentation; providing consultancy in the IT field.

Main subjects:

Algorithmics, Data Structures, Programming (C/C++/Java/Python), Databases, Software Engineering; Computer Architecture, Operating Systems, Computer Networks; Artificial Intelligence, Graph Theory and Combinatorics, Computer Graphics; Logic Programming, Formal Methods, Information Theory; Web Design, Web Technologies; Mathematics (Algebra, Geometry, Calculus, Differential Equations, Numerical methods, Probability Theory and Statistics).

Student profile- what/whom are we looking for?

The target group consists of high-school graduates with a good mathematical background and passion for *Computer Science*.

Career impact and other relevant details:

The graduates can target various positions related to the IT industry, education in IT or academic research :Information Technology Analyst; Software developer/engineer; Programmer; Database administrator; Network administrator; IT teacher in middle-schools; Research assistant in Computer Science

Contact details:

Bd. Vasile Parvan Nr. 4, Timisoara 300223, Timiș, Romania

E-mail: secretariat.mateinfo@e-uvt.ro

Website: www.info.uvt.ro

Programme coordinator: Assoc. prof. Adrian Crăciun

E-mail: adrian.craciun@e-uvt.ro

Telephone: + 40 0256592155.

MASTER / MASTER

Study programme title:

Artificial Intelligence and Distributed Computing - M.Sc. in EN – 2 years

Number of available places: 30

Short description of the programme:

The aim of the programme is to provide: a perspective on different areas of theoretical and applied artificial intelligence; knowledge on machine learning models and the design of efficient and robust intelligent systems; knowledge on automated reasoning and formal models used in software modelling and verification; knowledge on cloud technologies and platforms; skills in implementing and using distributed and parallel algorithms in a wide range of application areas.

Main subjects:

Operational Research and Optimization, Machine Learning, Metaheuristic Algorithms; Automated Reasoning, Term Rewriting, Special Topics in Artificial Intelligence, Algorithms Modelling and Verification; Data Analysis, Data Mining, Computer Vision; Multi-agent Systems, Distributed Systems, Workflow Technologies, Parallel Computing, Big Data Technologies.

Student profile- what/whom are we looking for?

The target group consists of graduates of various undergraduate programmes: Informatics/Computer Science, Mathematics and informatics, Mathematics, Applied Mathematics; Computer Engineering, Information Technology as well as other scientific or engineering programmes. The candidates should have good programming skills and basic knowledge in artificial intelligence areas.

Career impact and other relevant details:

The graduates can apply for various positions in IT companies, in education or research: AI Data Analyst/ AI Engineer; Cloud Software Developer/ Cloud Engineer; Data Science Analyst; Machine Learning Engineer; Academic/Industry Researcher.

Contact details:

Bd. Vasile Parvan Nr. 4, Timisoara 300223, Timiș, Romania;

E-mail: secretariat.mateinfo@e-uvt.ro;

Website: www.info.uvt.ro;

Programme coordinator: Assoc. Prof. Mircea Marin;

E-mail: mircea.marin@e-uvt.mail;

Telephone: + 40 0256592155.

MASTER / MASTER**Study programme title:**

Big Data – Data Science, Analytics and Technologies - M.Sc. in EN – 2 years

Number of available places: 40

Short description of the programme:

The main aim of the *Big Data* master programme is to offer knowledge and skills such that the graduates are able to: design efficient and robust models for statistical analysis of data; implement and use data mining and machine learning algorithms; use technologies for big data processing; design and implement scalable applications

Main subjects:

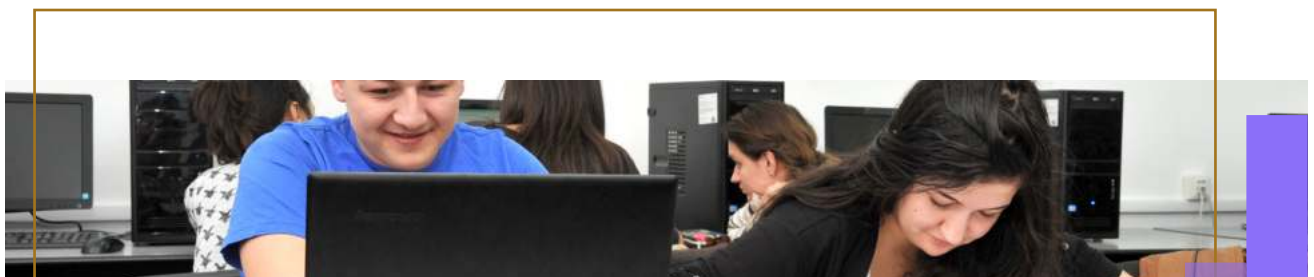
Big Data Technologies, Data Warehouses, Cloud Computing; Data Mining, Machine Learning, Data Analysis and Programming in R; Probabilistic Models for Data Science, Predictive Models and Analytics, Optimization, Biostatistics; Text Mining, Computer Vision, Metaheuristic Algorithms.

Student profile- what/whom are we looking for?

The target group consists of graduates of various undergraduate programmes: Informatics/Computer Science, Mathematics and informatics, Mathematics, Applied Mathematics, Economics; Computer Engineering, Information Technology as well as other scientific or engineering programmes. The candidates should have good programming skills and basic knowledge in data processing.

Career impact and other relevant details:

The graduates can apply for various positions in IT companies or in research: (Big) Data Scientist; (Big) Data Analyst; (Big) Data Engineer; (Big) Data Architect; Academic/Industry Researcher.

**Contact details:**

Bd. Vasile Parvan Nr. 4, Timisoara 300223, Timiș, Romania;

E-mail: secretariat.mateinfo@e-uvt.ro;

Website: www.info.uvt.ro;

Programme coordinator: Prof. PhD Daniela Zaharie;

E-mail: daniela.zaharie@e-uvt.ro;

Telephone: + 40 0256592155.

Faculty of Political Science, Philosophy and Communication Sciences

Facultatea de Științe Politice, Filosofie
și Științe ale Comunicării

*An educational offer adapted to the new social-economic dynamics, for successful
national and international careers.*



MASTER / MASTER

Study programme title:

Philosophical Counselling and Consultancy - M.A. in EN – 2 years

Number of available places: 75

Short description of the programme:

The programme represents one of the best known postgraduate HE programmes worldwide that feed at academic level the emerging composite field of philosophical practice, and the only taught in English in Europe. Its main purpose is the intense and comprehensive high-quality formation of well-trained professionals in applied/practical philosophy, which include philosophical counselling and consultancy for individuals and organizations, ethical counselling, and philosophy for children. Employing solid philosophical knowledge and general counselling skills, the successful graduates learn to facilitate the thinking of a client or group of people. Mainly driven by social utility, they do not seek to interpret the thoughts of an individual client or group in terms of impersonal philosophy, but to link thoughts to actions in the day-to-day life. The attainment of philosophical counselling objectives takes place, progressively, through the therapeutic engagement of philosophy via the five methods it generated: critical thinking, conceptual analysis, phenomenology, thought experiments, and creative thinking. The skills and knowledge required by this complex training are taught by some of the best international specialists in various fields of philosophical practice.

Main subjects:

Philosophical foundations of counselling; Philosophical tools of argumentation, deliberation and critical reasoning; Pragmatics and techniques of communication; Philosophy with children; Philosophy in prisons; Theistic philosophical counselling; Foundations of philosophy of mind; Philosophy as way of life; Introduction to Psychopathology and Clinical Semiology; Counselling skills; Strategic communication; Supervised individual and group counselling; Group counselling techniques; Foundations of counselling and psychotherapy; Introduction to bioethics.

Student profile- what/whom are we looking for?

All B.A. graduates interested in embracing a counselling profession, or in employing in their profession thinking and counselling skills based on philosophy.

Career impact and other relevant details:

In Romania the profession of philosophical counsellor has been recently included in the official occupations registry, but many graduates of the program have also successfully employed the skills in various professions (in Romanian and in other countries), from psychotherapy to corporate coaching, to teaching, to human resources recruitment, to small business management, to PR, etc.

Contact details:

Bd. Vasile Parvan Nr. 4, Timisoara 300223, Timiş, Romania;

E-mail: Admitere.pfc@e-uvt.ro; Secretariat.pfc@e-uvt.ro;

Website: admitere.uvt.ro;

Telephone: +40256592132.

MASTER / MASTER

Study programme title:

International Development and Management of Global Affairs (IDMGA) - M.A. in EN - 2 years

Number of available places: 50

Short description of the programme:

In a multi-disciplinary context, the Masters in International Development and Management of Global Affairs explores social, political and economic transformations involved in international development. It examines key issues connected to globalization, inequality, poverty, gender relations, environmental degradation and other dimensions constitutive to development. Focusing on a global perspective, it offers to its students new professional opportunities for working in international non-governmental organizations and in development organizations.

Main subjects:

Theories and strategies of international development; Development education; Culture and development; Macroeconomics; Diplomacy and global affairs; International organisations; Gender and development; Humanitarian assistance and development aid; Project management; Migration studies; Social development in regional context; Post-Colonial African Politics; Internship; Methodology of dissertation writing.

Student profile- what/whom are we looking for?

This master programme is addressed to those willing to be better equipped with the adequate academic expertise and professional skills for participating in the global space of international development. It also speaks to those interested in becoming development activists or simply better informed and more engaged global citizens.

Career impact and other relevant details:

The Masters in *International Development and Management of Global Affairs* answers to an increasing demand for expertise in the field of international development. It seeks to contribute to improve the knowledge and strengthen the capacity of the organizations involved in (international) development projects. The graduates of the Master in International Development and Management of Global Affairs will benefit academically and professionally from the development of the following professional skills: understanding political, social, economical and cultural processes involved in international development; critically examine international development strategies; participating in international development projects; elaborating and implementing alternative development projects through civil society organizations; strengthening the institutional capacity of the actors involved in the Sustainable Development Goals agenda and in the Official Development Assistance; understanding the complexity of international development as a multidimensional process, involving economic, social, gender, cultural, anthropological, and ethical dimensions; design research projects in local and international development; promote international development goals.

**Contact details:**

Bd. Vasile Parvan Nr. 4, Timisoara 300223, Timiș, Romania;

E-mail: Admitere.pfc@e-uvt.ro; Secretariat.pfc@e-uvt.ro;

Website: admitere.uvt.ro;

Telephone: +40256592132.