VALAHIA UNIVERSITY OF TARGOVISTE

ACADEMIC COMPASS:

A COMPREHENSIVE GUIDE TO STUDY PROGRAMMES

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INTRODUCTION

This guide of study programmes tought at Valahia University of Targoviste provides a wealth of essential information for prospective students and academic stakeholders. Each faculty and study programme is meticulously described, encompassing crucial details such as admission requirements, degree levels offered, and a comprehensive breakdown of the curriculum, including credit distribution. The guide delves into practical aspects by outlining internships and practical experience opportunities integral to the academic journey. It sheds light on research requirements, emphasizing the university's commitment to fostering a research-oriented environment. Academic advising resources are highlighted, ensuring students receive guidance throughout their academic pursuits. Extracurricular activities contribute to a holistic learning experience, enhancing students' personal and professional growth. The guide elucidates the thesis defense process, graduation requirements, and the degree-awarding mechanism. Furthermore, it provides insights into international opportunities through Erasmus and other mobility programs, underlining the university's commitment to global education and diverse learning experiences. In essence, this guide serves as a comprehensive roadmap, offering valuable insights into the multifaceted aspects of academic life within the university.

A Modern University Immersed in the Historical Capital of the Romanian Country

Founded with a commitment to excellence in education, knowledge, research, and community engagement, Valahia University has been a cornerstone of education since its establishment. Nestled in the historic city of Târgoviște and with the second campus in Alexandria, our university stands as a beacon of learning, attracting students from various backgrounds to embark on a journey of intellectual exploration and discovery.

With a diverse student body and a dedicated faculty, we offer a wide range of programs to meet the evolving needs of our community and beyond.

Known as the "Citadel of 33 Princes," Targoviste stands as a captivating medieval city adorned with a plethora of monuments and historical remnants, making it a compelling destination for both residents and visitors alike. Notably, the ruins of the Princely Court, visited by numerous tourists from Romania and beyond, bear witness to the impactful legacy of Romanian rulers such as Vlad the Impaler (Dracula), Radu the Great, Neagoe Basarab, and other historical figures. Targoviste's rich history and its role in the mythology of Count Dracula, whose capital cities included Targoviste and Bucuresti, contribute to its global cultural significance.

Beyond its historical allure, Targoviste offers a vibrant array of museums, theaters, movie theaters, music and theater festivals, shopping centers, and leisure parks, creating a unique blend of cultural experiences at the crossroads of Central and South-Eastern Europe. The university actively engages its students, faculty, and researchers in the city's dynamic cultural scene, participating in artistic, historical, and musical events, film festivals, and scientific conferences both on campus and at International Conference Centers, enriching the overall academic and cultural experience for all.

The university is dedicated to offering students a diverse range of internship opportunities through collaborations with international, national, and local businesses, as well as partner universities worldwide. Renowned companies such as Renault, Schneider Electric, and Arctic, alongside various national, European, and international organizations, provide numerous avenues for students to apply their acquired skills in real-world settings. The institution actively encourages student engagement in research grants and projects, fostering a global perspective on knowledge and research that facilitates a smooth transition into the job market.

Moreover, the university embraces modern digital educational tools, such as Microsoft Teams and Moodle, providing students with flexible access to instruction under a ny circumstance, including during the current pandemic.

Environmentally and socially responsible, the university's impact extends beyond the South Muntenia region, addressing global social and environmental challenges. Its innovative and solution-oriented study and research programs tackle issues such as global warming, social and gender inequalities, and development imbalances, contributing to societal well-being on a global scale. The Institute of Multidisciplinary Research for Science and Technology showcases the institution's commitment to cutting-edge research.

The university is a hub for green energy solutions, applying alternative energy programs like E-land, offering viable solutions for local, regional, and global communities. Its commitment to sustainability is reflected in international rankings.

As an entrepreneurial university, it sponsors programs that encourage the acquisition of entrepreneurial skills, fostering cross-sectoral abilities among students.

Dedicated to gender equality, the university consistently receives top honors in worldwide rankings. This commitment extends across all levels, from professors to

researchers and students, showcasing a modern and fair approach.

Operating on local, national, and international levels, the university forms partnerships that provide students with a wide range of facilities and opportunities. International and European mobilities, including those under the Erasmus program, exemplify the institution's global outlook.

Providing high-quality education and services at affordable costs, the university ensures that EU, Swiss Confederation, and EEA citizens pay the same tax rates as Romanian students. Non-EU nationals' study fees are set at national minimums, offering an economically attractive option for quality education. The cost of living is reasonable, and the city's proximity to major transportation hubs, popular resorts, and the capital city ensures convenient living and commuting options. Part-time job opportunities further support student income, making the university an ideal choice for those seeking high-quality education at an affordable cost.

Academic Excellence

Our university, comprising 240 teaching staff and 18 full-time researchers supported by 156 administrative staff, ensures a high standard of academic excellence. We take pride in offering a comprehensive education, fostering critical thinking, and preparing students for successful careers in various fields.

Program Diversity

With 40 undergraduate, 31 master's, and 6 doctoral programs in Arts and Humanities, Business and Economics, Computer Science, Education, Engineering, Law, Life Sciences, Physical Sciences, and Social Sciences, along with offerings in English, we provide a rich academic environment. Our commitment extends to continuous training and postgraduate programs, reflecting our dedication to lifelong learning.

Global Perspective

Valahia University is not only deeply rooted in its local community but also embraces a global perspective. We aim to contribute to the international academic landscape by offering programs in English and fostering collaborations that transcend borders.

Striving for Excellence

As we continue to grow and adapt to the changing educational landscape, our focus remains on providing a platform for students to excel, engage in groundbreaking research, and contribute meaningfully to society. The Institute of Multidisciplinary Research for Science and Technology plays a pivotal role in driving forward the university's research agenda, contributing to solutions for contemporary challenges across multiple domains. Its focus on multidisciplinary approaches allows researchers to tackle complex issues at the intersection of science and technology, fostering creativity and innovation. The institute serves as a beacon for attracting top-tier talent and facilitating collaboration with leading international research institutions, further elevating the university's global standing.

Student Community at Valahia University of Târgoviște

At Valahia University of Târgoviște, our student population is the heartbeat of our vibrant academic community. With a total of 6,205 students, we take pride in fostering a diverse and inclusive environment where students from various backgrounds come together to learn, grow, and shape their future.

Diversity and Inclusion:

Our student body represents a rich tapestry of backgrounds, perspectives, and aspirations. We celebrate diversity and encourage an inclusive culture that promotes mutual understanding and collaboration among students.

Academic Excellence:

As students embark on their academic journey, they benefit from a curriculum designed to foster critical thinking, creativity, and practical skills. Our commitment to academic excellence is reflected in the achievements of our students, both within the university and beyond.

Supportive Learning Environment:

Valahia University is dedicated to providing a supportive learning environment. Our faculty and staff work closely with students to ensure they have the resources and guidance needed for success. Whether in the classroom, research projects, or extracurricular activities, we strive to nurture holistic development.

Student Engagement:

Beyond academics, students at Valahia University actively engage in various student organizations, cultural events, and community service initiatives. These experiences contribute to personal growth, leadership development, and the building of lifelong connections.

Empowering Future Leaders:

Our aim is not only to impart knowledge but also to empower students to become leaders in their respective fields. The dynamic student population at Valahia University is the driving force behind our collective pursuit of academic excellence, innovation, and societal impact.

Now, let's embark on a journey of exploration into the distinctive features of each study program offered by Valahia University of Târgoviște. From undergraduate to master's and doctoral programs, we'll delve into the intricacies of diverse fields of study. Each program is crafted to provide a unique and enriching educational experience, tailored to meet the evolving needs of students and prepare them for successful careers.

Let's discover the details that make each program stand out and contribute to the academic excellence of Valahia University.


Congratulations!
Promotia 2013!
UVT
Promotia 2013
Jurnalism
UVT

FACULTY OF ECONOMIC SCIENCES

Faculty of Economic Sciences stands as a vibrant cornerstone within Valahia University in Târgoviște, flourishing in tandem since its establishment in 1992. Over the years, the faculty has not only witnessed a remarkable surge in student enrollment and the provision of top-tier human resources but has also earned noteworthy recognition on both national and international stages. Our educational offerings boast a diverse array of qualifications meticulously tailored to meet the dynamic demands of the market. This ensures that students acquire the essential competencies needed for seamless integration into the labor market. With six full-time undergraduate programs (including one taught in English), a cutting-edge distance learning undergraduate program, six master's programs, and two doctoral fields housed within the Doctoral School, our faculty serves as a robust educational scaffold, guaranteeing a university degree renowned for its unwavering commitment to quality, gravitas, and professionalism.

Beyond its primary educational mission, the Faculty of Economic Sciences actively fosters an environment conducive to state-of-the-art scientific research. We are committed to creating a competitive framework that nurtures such scholarly pursuits, positioning our faculty as a hub of intellectual excellence.

Our guiding motto, "Education, practical spirit, entrepreneurial attitude!", encapsulates not just an ambition but a collective ethos shared by both our dedicated professors and aspiring students. Together, we form a dynamic team, united in our mission to enhance the reputation of our institution as a beacon of academic prestige. The conducive study conditions at the Faculty of Economic Sciences, coupled with the exceptional quality of our faculty, not

only provide students with a stimulating learning environment but also equip them with the knowledge, skills, and attitudes crucial for personal and professional growth. Additionally, students have ample opportunities to engage in enriching extracurricular activities, further enhancing their overall university experience.

Bachelor Study Programmes
Accounting and Information System

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
      • Microeconomics
      • Mathematics applied in economics
      • Business law
      • Economic Informatics
      • European economy
      • Foreign language in business
      • Physical training and sports
      • Macroeconomics
      • Fundamentals of Accounting

- Digital technologies and databases
- Statistics for economics
- Ethics in business
- Management
- Financial accounting
- Public finances
- Marketing
- Econometrics
- Information technologies for business
- Public accounting
- Enterprise finances
- Entrepreneurship and business management
- Practice skills
- Economic and financial analysis
- Accounting of credit institutions
- Computing administration systems
- Administration accounting
- Associate law
- Administration control
- Projection of informatics systems
- Informatics assistance systems of decision
- In-depth accounting
- Elaboration of bachelor paper

- **Electives:**
  - Communication in English/French/Italian language
  - Economic sociology
  - Political science
  - Psychology
  - Ethics and academic integrity
  - Doctrine and professional ethics
  - Accounting and administration of treasury
  - Financial control
  - Accounting expertise and fiscal consulting

- International accounting
- Systems and financial reporting
- Internal audit
- Financial audit
- Fiscality
- Accounting and fiscal management

- **Major/Concentration:**
  - Accounting studies, Microeconomics, Macroeconomics, Economic and financial analysis, Econometrics.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

The prerequisites for defending a Bachelor thesis before a committee include:

- Attainment of 188 ECTS credits throughout the program.

11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Accounting and Computing Administration, Bachelor of Economic Sciences.

Business Administration (in English)

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the English Language Proficiency Certificate (excluding those coming from countries where the official language is English) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the English Language Proficiency Certificate and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
      • Microeconomics
      • Mathematics applied in economics
      • Introduction to law

- Economic Informatics
- Communication in English
- Physical training and sports
- Macroeconomics
- Accounting
- Databases for business
- Statistics for economics
- Business management
- Managerial accounting
- Public finances
- Marketing
- Correspondences in English language
- Business negotiations techniques
- Computing administration systems
- Marketing research
- Fiscality
- Commercial law
- Practice skills
- Management of human resources
- Economic and financial analysis
- Entrepreneurship and business management
- Electronic commerce
- Operational management
- Strategic management
- Business project Management
- Evaluation and financing of investments
- Ethics in business
- Elaboration of bachelor paper

- **Electives:**
  - French/Italian/German/Romanian language
  - Communication in French/Italian/German/Romanian
  - European economy
  - Econometrics

- Ethics and academic integrity
- Customer relationship management
- Sales Management
- Techniques and banking operation
- Logistics and goods distribution
- Promotional techniques
- Behavior of consumer
- Supplier Relationship Management
- Management of buying

- **Major/Concentration:**
  - Business studies, Management, Economic and financial analysis, Econometrics.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**

- Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.

10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:

    - Attainment of 188 ECTS credits throughout the program.

11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Business Administration (in English), Bachelor of Economic Sciences.

Economy of Commerce, Tourism and Services

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:

      The admission average of registered candidates is made up of:

      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.

3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:

      • Microeconomics
      • Mathematics applied in economics
      • Introduction to law
      • Economic Informatics
      • Communication in English
      • Physical training and sports
      • Macroeconomics
      • Accounting
      • Databases for business
      • Statistics for economics
      • Business management
      • Managerial accounting
      • Public finances
      • Marketing
      • Correspondences in English language
      • Business negotiations techniques
      • Computing administration systems
      • Marketing research
      • Fiscality
      • Commercial law
      • Practice skills
      • Management of human resources
      • Economic and financial analysis
      • Entrepreneurship and business management
      • Electronic commerce
      • Operational management
      • Strategic management
      • Business project Management
      • Evaluation and financing of investments
      • Ethics in business

- Elaboration of bachelor paper

- **Electives:**
  - French/Italian/German/Romanian language
  - Communication in French/Italian/German/Romanian
  - European economy
  - Econometrics
  - Ethics and academic integrity
  - Customer relationship management
  - Sales Management
  - Techniques and banking operation
  - Logistics and goods distribution
  - Promotional techniques
  - Behavior of consumer
  - Supplier Relationship Management
  - Management of buying
- **Major/Concentration:**
  - Business studies, Management, Economic and financial analysis, Econometrics.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.

7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of the scientific coordinator.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 188 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Business Administration (in English), Bachelor of Economic Sciences.

Finance and Banks

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language)

and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  The admission average of registered candidates is made up of:
  • Average of the baccalaureate exam - weight 100%.

2. **Degree Levels:**
   - Bachelor's Degree: 3-year program.
3. **Curriculum:**
   - **Core Courses:**
     Mandatory courses that all students in the program must take:
     • Microeconomics
     • Mathematics applied in economics
     • Business law
     • Economic Informatics
     • European economy
     • Foreign language in business
     • Physical training and sports
     • Macroeconomics
     • Fundamentals of Accounting
     • Digital technologies and databases
     • Statistics for economics
     • Ethics in business
     • Management
     • Financial accounting
     • Public finances
     • Marketing
     • Econometrics
     • Financial administration of enterprise
     • Currency and credit
     • Finance public institutions
     • Insurance and social protection
     • Prices and competition
     • Practice skills

- Stock market
- Budget and Public Treasury
- Operations of credit institutions
- Economic and financial analysis
- Entrepreneurship and business management
- Direct investments and their financing
- Fiscality
- Financial Monetary informatics systems
- Banking administration
- Elaboration of bachelor paper

- **Electives:**
  - Communication in English/French/Italian language
  - Economic sociology
  - Political science
  - Psychology
  - Ethics and academic integrity
  - Information technologies for business
  - Baking products and service
  - Banking accounting
  - Public accounting
  - Administration control
  - Financial audit
  - Exchanges of goods and values
  - Risk management of financial companies
  - European institutions
  - Financial engineering
  - International finance
- **Major/Concentration:**
  - Finance studies, Banks studies, Economic and financial analysis, Econometrics.

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience within economic entities relevant to the field of study.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 188 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Finance and Banks, Bachelor of Economic Sciences.

Management

Full-Time On-Campus Education/Distance Learning

1. **Admission Requirements:**

    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
      • Microeconomics
      • Mathematics applied in economics
      • Business law
      • Economic Informatics
      • European economy
      • Foreign language in business
      • Physical training and sports
      • Macroeconomics
      • Fundamentals of Accounting

- Digital technologies and databases
- Statistics for economics
- Ethics in business
- Management
- Financial accounting
- Public finances
- Marketing
- Econometrics
- Enterprise finances
- Administration accounting
- Logistics
- Production management
- Management of SMEs
- Practice skills
- Economic-financial analysis
- Operational management
- Human resources management
- Entrepreneurship and business management
- Investment management
- Modeling economic and social phenomena
- Economic projects
- Communication and negotiation in business
- Strategic management
- Elaboration of bachelor paper

- **Electives:**
  - Communication in English/French/Italian language
  - Economic sociology
  - Political science
  - Psychology
  - Ethics and academic integrity
  - Decision theory
  - Comparative management
  - Digitization of the business process

- Environmental management
- Sustainable Development
- Innovation management
- Regional and local development
- Quality management
- Service management
- Enterprise audit

- **Major/Concentration:**
  - Marketing studies and researches, Management studies, Economic and financial analysis, Econometrics.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.

10. **Thesis Defense:**
    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 188 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Management, Bachelor of Economic Sciences.

Marketing

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**
      Mandatory courses that all students in the program must take:
      • Microeconomics

- Mathematics applied in economics
- Business law
- Economic Informatics
- European economy
- Foreign language in business
- Physical training and sports
- Macroeconomics
- Fundamentals of Accounting
- Digital technologies and databases
- Statistics for economics
- Ethics in business
- Management
- Financial accounting
- Public finances
- Marketing
- Econometrics
- Consumer behavior
- Marketing researches
- SME Marketing
- Human resources management
- Entrepreneurship and business management
- Practice skills
- Direct marketing
- Distribution and merchandising
- Analysis of information using SPSS
- Agri-food marketing
- Business to business marketing
- Customer relationship management
- Economic analysis in marketing
- Marketing projects
- Marketing of services
- Marketing simulations
- Promotional techniques

• Elaboration of bachelor paper

- **Electives:**
  - Communication in English/French/Italian language
  - Economic sociology
  - Political science
  - Psychology
  - Ethics and academic integrity
  - Consumer protection
  - Selling techniques
  - The aesthetics of the goods
  - International economic transactions
  - Tourism marketing
  - Information systems of marketing
  - Social-political marketing
  - Ethics and social responsibility in business
- **Major/Concentration:**
  - Marketing studies and researches, Management studies, Economic and financial analysis, Econometrics.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.

7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 188 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Marketing, Bachelor of Economic Sciences.

Master Study Programmes

Accounting

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of 180 ECTS (European Credit Transfer and Accumulation System) credits, spanning undergraduate degree programs, or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those

who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED)

- **Entrance Exams**:
  The admission average of registered candidates is made up of:
  • Average of the license or equivalent exam - weight 80%
  • The grade obtained at the professional interview - weight 20%

2. **Degree Levels:**
   - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**
     Mandatory courses that all students in the program must take:
     • National fiscal system
     • Consolidation techniques of group society accounts
     • Compared accounting systems
     • Econometric methods
     • Managerial accounting
     • Doctrine and professional deontology
     • Financial - accounting computing administration systems - advanced studies
     • Internal control
     • Ethics and academic integrity
     • Economic and financial evaluation of the enterprise
     • Methodology of economic scientific research
     • Accounting expertise - advanced studies
     • Development and performance measurement strategies
     • Accounting projects
     • The Audit and certification of financial yearly situations
     • Practice skills
     • Drawing of dissertation paper
   - **Electives:**
     - Financial management
     - European fiscality

- Banking audit
- Internal Audit - advanced studies

- **Major/Concentration:**
  - Accounting studies, Audit, Internal control, Enterprise evaluation.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.

12. **Degree Awarding:**
    - Accounting - Master's degree.

Financial Banking Management

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of 180 ECTS (European Credit Transfer and Accumulation System) credits, spanning undergraduate degree programs, or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:

      The admission average of registered candidates is made up of:
      • Average of the license or equivalent exam - weight 80%
      • The grade obtained at the professional interview - weight 20%
2. **Degree Levels:**
    - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
      • Policies and strategies in the banking and financial community
      • European fiscality
      • Corporatist finances
      • Econometric modeling methods for justifying in the economic activity
      • Enterprise treasury management

- Informatics financial banking systems
- Portfolio administration of financial actives
- Financial theories
- Ethics and academic integrity
- Management of bank risking
- Management of insurance companies
- Methodology of economic scientific research
- Management of investments
- Modeling financial decision
- Economic macrostability
- Financial Banking Projects
- Practice skills
- Drawing of dissertation paper

- **Electives:**
  - Stock transactions in international financial markets
  - Monetary and fiscal policies
  - Fiscal management
  - Banking marketing
  - Banking audit
  - Internal banking control
- **Major/Concentration:**
  - Banking management studies, Financial management studies.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.

6. **Research Requirements:**
    - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Financial Banking Management - Master's degree.

Information Management

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of 180 ECTS (European Credit Transfer and Accumulation System) credits, spanning undergraduate degree programs, or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.

- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  The admission average of registered candidates is made up of:
  • Average of the license or equivalent exam - weight 80%
  • The grade obtained at the professional interview - weight 20%

2. **Degree Levels:**
   - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**
     Mandatory courses that all students in the program must take:
     • Organization Management
     • Information management
     • Euro-Atlantic security strategy
     • Public Relations and Protocol
     • Change management and risk
     • Social responsibility of the organization
     • Risk management and security of critical infrastructures
     • Leadership and management of communication
     • Ethics and academic integrity
     • Security of informatics systems and Cybersecurity
     • Conflict management and crisis
     • Public policy in the Euro-Atlantic space
     • Methodology of economic scientific research
     • National security strategy
     • Management projects
     • Knowledge management
     • Practice skills
     • Drawing of dissertation paper

- **Electives:**
  - Management of preventing and combating corruption and organized crime
  - Theory and practice of diplomacy and international cooperation
  - Business intelligence
  - Security culture
- **Major/Concentration:**
  - Management studies, Security strategy, Leadership.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.

11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Information Management - Master's degree.

Marketing

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of 180 ECTS (European Credit Transfer and Accumulation System) credits, spanning undergraduate degree programs, or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the license or equivalent exam - weight 80%
      • The grade obtained at the professional interview - weight 20%
2. **Degree Levels:**
    - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**
      Mandatory courses that all students in the program must take:
      • International marketing and the globalization of business
      • Management of Projects

- The profile of the consumer in the digital age
- Quantitative methods used in marketing activity
- Correspondence in foreign language
- Administration of the sales team
- Digital marketing techniques
- Strategical Marketing
- Integrated communication in business
- Ethics and academic integrity
- Ecomarketing
- Intercultural marketing
- Methodology of economic scientific research
- Cybermarketing
- Marketing projects
- Analysis of marketing information
- Practice skills
- Drawing of dissertation paper

- **Electives:**
  - Marketing of tourist services
  - Competitiveness in the world economy
  - Supply Chain Management
  - Change and risk management
  - Social responsibility of the organization
- **Major/Concentration:**
  - Marketing studies, Management, Quantitative methods used in marketing activity.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.

5. **Internships and Practical Experience:**
    - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
    - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Marketing - Master's degree.

Organization Management

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of 180 ECTS (European Credit Transfer and Accumulation System) credits, spanning undergraduate degree programs, or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have

completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.

- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  The admission average of registered candidates is made up of:
  - Average of the license or equivalent exam - weight 80%
  - The grade obtained at the professional interview - weight 20%

2. **Degree Levels:**
   - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     • Organization Management and managerial strategies
     • Strategies and policies macroeconomic
     • Organizational behavior
     • Change management
     • Data modeling and digitization
     • Managerial methodologies
     • Management of Projects
     • Management of conflicts
     • Econometric methods
     • Ethics and academic integrity
     • Social responsibility of the organization
     • Direct investments and their financing
     • Methodology of economic scientific research
     • Management of public services
     • Intercultural management
     • Performance Management
     • Enterprise games

- Practice skills
- Drawing of dissertation paper

- **Electives:**
  - Development sustainable
  - Environmental economics
  - Management of cultural institutions
  - Management of tourist units
- **Major/Concentration:**
  - Management studies, Econometric methods, Enterprise games.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.

10. **Dissertation Defense:**
    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in Organization Management.

Audit of Public and Private Entities

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of 180 ECTS (European Credit Transfer and Accumulation System) credits, spanning undergraduate degree programs, or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the license or equivalent exam - weight 80%
      • The grade obtained at the professional interview - weight 20%
2. **Degree Levels:**
        - Master's Degree: 2-year program following a bachelor's degree.

3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
      • Professional ethics and deontology
      • Internal control
      • Banking audit
      • Informatics technologies in auditing
      • Performance control through costs and budgets
      • National fiscal system
      • Informatics systems auditing
      • Data processing methods in audit
      • Ethics and academic integrity
      • Internal Audit - advanced studies
      • Corporate governance
      • Methodology of economic scientific research
      • Audit of performance
      • Financial Management
      • Financial audit - advanced studies
      • Audit projects
      • Practice skills
      • Drawing of dissertation paper
    - **Electives:**
        - Managerial accounting
        - Compared accounting systems
        - Banking risk management
        - Management of insurance companies
    - **Major/Concentration:**
        - Audit studies, Audit process, Audit mission, Audit report, Accounting, Administration control, Informatics în auditing.
    - **General Education Requirements:**
        - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Opportunities for internships or practical experience in the field of study within economic entities.
6. **Research Requirements:**
    - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in Audit of Public and Private Entities.

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FACULTY OF ELECTRICAL ENGINEERING, ELECTRONICS AND INFORMATION TECHNOLOGY

Embracing dynamism and a commitment to international excellence, the Faculty of Electrical Engineering, Electronics and Information Technology stands at the forefront of global demands. Rooted in a values-driven approach, we champion continuous learning that paves the way for societal prosperity and progress.

With an enrollment of nearly 700 students across undergraduate, master's, and doctoral programs, our faculty offers a diverse array of learning modalities, including face-to-face studies, distance learning, and lifelong learning initiatives. Our dedicated team of 40 professors and researchers is organized into two dynamic departments: Electronics, Telecommunication, and Energy Engineering, and Automatics, Computer Science, and Electrical Engineering. The Bachelor's Degree Studies (4 years / 240 ECTS) encompass a range of cutting-edge fields, including Automatics and Applied Informatics, Applied Electronics, Technologies and Telecommunication Systems, Industrial Energy, and Electrical Engineering. At the Master's level (2 years / 120 ECTS), students delve into specialized areas such as Advanced Automatics, Production Systems and Applied Informatics, Modern Systems and Equipment for Energy Production and Use, Advanced Telecommunication, Information Processing, and Transmission Systems, Audit of Energy Systems, and Integrated Electrical Systems Engineering in Vehicles (offered in English). The doctoral domain of Engineering Sciences focuses on advancing knowledge in Electrical Engineering, providing a platform for groundbreaking research and innovation.

Collaboration is at the heart of our ethos, with strong ties to local, regional, and national enterprises. We prioritize engagement with the industrial environment, fostering a robust dialogue to ensure our students are well-prepared future engineers. From the second year onward, students can choose internships and practical stages tailored to their specializations

and level of education. Additionally, our students actively participate in laboratories and practical activities with enterprises. Situated in a region with a vibrant industrial landscape, our partnerships extend to renowned companies such as Renault SA, Arctic SA (home appliances: Beko, Grundig, Arctic), Haier, Oțelinox (Samsung-owned, the sole producer of stainless-steel products in former communist countries in Europe), and leading producers of plastic parts for the automotive industry.

At our faculty, we not only educate but also empower the next generation of engineers, equipping them with the skills and knowledge to thrive in various sectors, including research and development, manufacturing, and technology-driven enterprises. Join us in shaping the future of engineering excellence.

Bachelor Study Programmes

Applied Electronics

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - **Undergraduate Level: Applied Electronics**
        - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**
        - Linear Algebra and Analytic and Differential Geometry
        - Mathematical Analysis
        - Chemistry
        - Computer-Aided Graphics
        - Computer Programming and Programming Languages

- Applied Informatics
- Probability Theory and Mathematical Statistics
- Physics
- Special Mathematics
- Passive Components and Circuits
- Electrotechnical Materials
- Numerical Methods
- Electronics
- Data Structures and Algorithms
- Basics of Electrotechnics
- Digital Integrated Circuits
- Electrical Measurements
- Electronic Devices
- Management and Marketing

- **Electives:**
  - Fore Foreign Language / Mathematics Complements
  - Use of Computers / Complements of Physics
  - Spice Models / Internet Programming Technologies
  - Integrated Structures for Specific Applications / Sensors and Transducers / Automatic Tuning Engineering
  - Spice Models 2 / CAD Techniques in Making Electronic Modules
  - Power Electronics / Communication Systems
  - Decision and Estimation in Information Processing / Optoelectronics
  - Distributed Control Systems / Mobile Robots
  - Medical Electronics / Reliability of Electronic Systems
  - Electronic Measurement Instrumentation / Electromagnetic Compatibility
  - Digital Audio-Video Systems / Programming in Matlab
  - Automotive Electronics / Electronic Systems Technology
- **Major/Concentration:**
  - Object-Oriented Programming
  - Architecture of Microprocessors
  - Fundamental Electronic Circuits

- Signals and Systems
- Digitization and Data Analysis
- Analysis and Synthesis of Circuits
- Analog Integrated Circuits
- Theory of Information Transmission
- Digital Signal Processing
- The Bases of Data Acquisition Systems
- Specialized Practice
- Microcontrollers
- Computer Networks
- Image Processing and Analysis
- Television
- Power Sources
- Systems with FPGA
- Embedded Electronic Systems
- Software for Applied Electronics

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Applied Electronics students can do internships at companies such as: SC ARCTIC SA, SC AUTOMOBILE DACIA SA, SPEEH HIDROELECTRICA SA, SC INFOBIT CONSULT SRL, SC LIN IMPEX SRL, SDEE.
6. **Research Requirements:**
   - Each bachelor thesis will contain a theoretical part and a case study (theoretical or practical) in the field of specialization, under the guidance of a teaching staff.

7. **Academic Advising:**
    - Throughout each academic year, a dedicated tutor is assigned to assist every student in course selection, academic planning, and addressing any concerns that may arise.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester. Successful completion of these exams is mandatory to earn study credits.
    - For each discipline, examinations may take the form of written, oral, or practical exams, as outlined in the discipline sheet at the start of each academic year.
    - Examinations are conducted during the scheduled exam sessions announced at the commencement of each academic year.
10. **Thesis/Dissertation Defense:**
    - The preparation of the Bachelor's Thesis is conducted under the guidance of a scientific coordinator.
    - The committee responsible for assessing the dissertation thesis is appointed by the decision of the rector and includes a president, three members, and a secretary, all of whom are specialized teaching staff.
    - In order to submit the thesis, each student must have accrued 240 ECTS from the mandatory and elected subjects.
    - The bachelor thesis topic must pertain to the field of Energy Engineering.
11. **Graduation Requirements:**
    - Graduation requires students to fulfill all program requirements, including achieving the prescribed number of ECTS credits and successfully completing a final examination.
12. **Degree Awarding:**
    - • Bachelor's Degree in Applied Electronics.

Automation and Applied Informatics

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
    - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Computer Aided Graphics.
        - Computer Programming and Programming Language.
        - Analysis and Synthesis of Digital Devices.
        - Object Oriented Programming.
        - Databases.
        - Computer Architecture.
        - Theory of Systems.
        - Operating Systems.

- Measurements and Transducers.
- Robotics.
- Computer Networks.
- Microprocessor Systems.
- Automatic Systems Engineering.
- PLCs and Microprogramming.
- Dynamic Systems with Distributed Events.
- Modelling, Identification and Simulation.
- Assisted Design of Driving Systems.
- Web Technologies.

- **Electives:**
  - Distributed Systems of Acquisition, Monitoring and Control.
  - Java Software Engineer.
  - Reliability and Diagnosis.
  - Artificial Intelligence.
  - Security of Computing Systems.
  - Intelligent Management Processes.
  - Human-Computer Interfaces.
  - Adaptive and Robust Systems.
  - Real-time Programming Applications.
  - Digital Graphics.
  - Management of Flexible Manufacturing Structures.
- **Major/Concentration:**
  - Use of Knowledge-Based Computer Systems; Automatic Control Systems; Robotics Fundamentals; Electrical Engineering; Electronic Engineering; Computer Systems Architecture; Data Acquisition; Computer Systems Programming for Data Storage, Manipulation and Representation; Computer Systems; Microprocessor Systems Programming; Signal Processing; Industrial Systems; Intelligent Control; System Design, Development, and Implementation.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.
6. **Research Requirements:**
    - Students carry out research activities in order to prepare their bachelor thesis.
7. **Academic Advising:**
    - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
    - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Automation and Applied Informatics.

Electrotechnics

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**
      Mandatory courses that all students in the program must take:
        - Computer Aided Graphics.
        - Computer Programming and Programming Languages.
        - Mechanics and Strength of Materials.
        - Electrical Circuit Theory.
        - Digital Systems.
        - Electromagnetic Field Theory.
        - Electronics.
        - Electrical and Electronic Measurements.
        - Electrotechnical Materials.
        - Systems Theory and Automatic Control.

- Numerical Modelling of the Electromagnetic Field.
- Modelling and Simulation of Electrical Circuits.
- Electromechanical Converters.
- Electrical Equipment.
- Electroluminescent Systems and Electric Lighting.
- Heating, Ventilation and Air Conditioning Equipment.

- **Electives:**
  - Virtual Instrumentation in Electrical Engineering.
  - Measuring Techniques and Sensors.
  - Hydraulic and Pneumatic Drives.
  - Technological Methods and Processes.
  - Renewable Energy Sources.
  - Distributed Power Generation Systems.
  - Electricity Generation, Transmission and Distribution.
  - Special Electrical Machines.
  - Network Modelling and Simulation.
  - Electric traction.
- **Major/Concentration:**
  - Electrical Systems; Power Electronics and Electrical Drives; Instrumentation and Data Acquisition; Electrical Engineering Informatics; Electrical, Electronic and Energy Economic Engineering.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.

6. **Research Requirements:**
    - Students carry out research activities in order to prepare their bachelor thesis.
7. **Academic Advising:**
    - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
    - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Electrotechnics.

Industrial Energy

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have

completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
    - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
- **Entrance Exams**:
  The admission average of registered candidates is made up of:
    - Average of the baccalaureate exam - weight 100%.

2. **Degree Levels:**
    - **Undergraduate Level: Industrial Energy**
        - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**
        - Linear Algebra and Analytic and Differential Geometry
        - Mathematical Analysis
        - Chemistry
        - Computer Graphics
        - Computer Programming and Programming Languages
        - Applied Informatics
        - General Energy
        - Physics
        - Special Mathematics
        - Basics of Electrotechnics
        - Electrotechnical Materials
        - Numerical Methods
        - Electronics
        - Mechanics and Resistance of Materials
        - Thermodynamics
        - Hydraulic Basics
        - Electrical and Non-Electrical Measurements
        - Automatic Regulation Theory

- **Electives:**
  - Power Lines / Numerical Driving Systems
  - Management of Energy Processes / Heat Exchangers
  - Power Electronics / Static Converters
  - Optimization Techniques in Energetics / Pumping and Ventilation Installations
  - Reliability of Energy Installations / Thermal Equipment and Installations
  - Industrial Automation and Protection / Distributed Production of Electricity
  - Ethics and Academic Integrity / General Economy
- **Major/Concentration:**
  - Electric Machines and Actuators
  - Heat and Mass Transfer
  - Virtual Instrumentation
  - Hydraulic Machines
  - Electrical Equipment
  - Production of Electrical and Thermal Energy
  - Energy and the Environment
  - Use of Electricity
  - Transformation Stations
  - Electrical Networks
  - Specialized Practice
  - Power Supply
  - Use of Thermal Energy
  - The Quality of Electricity
  - Data Acquisition Systems in Energy
  - The Electrical Part of Power Plants and Stations
  - Renewable Sources
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Students have the opportunity to undertake internships at companies such as SC ARCTIC SA, SC AUTOMOBILE DACIA SA, SPEEH HIDROELECTRICA SA, SC INFOBIT CONSULT SRL, SC LIN IMPEX SRL, and SDEE.
6. **Research Requirements:**
    - Each bachelor thesis will encompass both a theoretical component and a case study, whether theoretical or practical, within the specified field of specialization, with the guidance of an advisory professor.
7. **Academic Advising:**
    - Throughout each academic year, a dedicated tutor is assigned to assist every student in course selection, academic planning, and addressing any concerns that may arise.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester. Successful completion of these exams is mandatory to earn study credits.
    - For each discipline, examinations may take the form of written, oral, or practical exams, as outlined in the discipline sheet at the start of each academic year.
    - Examinations are conducted during the scheduled exam sessions announced at the commencement of each academic year.
10. **Thesis/Dissertation Defense:**
    - The preparation of the Bachelor's Thesis is conducted under the guidance of a scientific coordinator.
    - The committee responsible for assessing the dissertation thesis is appointed by the decision of the rector and includes a president, three members, and a secretary, all of whom are specialized teaching staff.
    - In order to submit the thesis, each student must have accrued 240 ECTS from the mandatory and elected subjects.

- The bachelor thesis topic must pertain to the field of Energy Engineering.

11. **Graduation Requirements:**
    - Graduation requires students to fulfill all program requirements, including achieving the prescribed number of ECTS credits and successfully completing a final examination.
12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Industrial Energy.

Technologies and Telecommunication Systems

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - **Undergraduate Level: Technologies and Telecommunication Systems**
        - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**
        - Linear Algebra, Analytic and Differential Geometry
        - Mathematical Analysis

- Chemistry
- Computer Graphics
- Computer Programming and Programming Languages
- Applied Informatics
- Probability Theory and Mathematical Statistics
- Physics
- Special Mathematics
- Passive Components and Circuits
- Electrotechnical Materials
- Numerical Methods
- Data Structures and Algorithms
- Basics of Electrotechnics
- Digital Integrated Circuits
- Electrical Measurements
- Electronic Devices
- Management and Marketing

- **Electives:**
  - Foreign Language / Mathematics Complements
  - Use of Computers / Complements of Physics
  - Spice Models / Internet Programming Technologies
  - Telephone Transmission Systems / Sensor Networks / Applied Electronics
  - Automation in Electronics and Telecommunications / Power Electronics
  - Analog and Digital Communications / Modulation Techniques
  - Digital Switching Systems / Optical Communications
  - Integrated Digital Networks / Data Communications
  - Voice Signal Processing / Signal Processors in Communications
  - Decision and Estimation in Information Processing / Microwaves
  - Interfacing, Signaling, and Protocols / Optoelectronic Systems in Telecommunications
  - Cellular Radio Communications / Mobile Communications
- **Major/Concentration:**
  - Object-Oriented Programming

- Architecture of Microprocessors
- Fundamental Electronic Circuits
- Signals and Systems
- Digitization and Data Analysis
- Analysis and Synthesis of Circuits
- Analog Integrated Circuits
- Theory of Information Transmission
- Digital Signal Processing
- The Bases of Data Acquisition Systems
- Specialized Practice
- Microcontrollers
- Computer Networks
- Digital Image Processing
- Multimedia Technologies
- Television
- Communication Systems
- Network and Internet Architectures

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to pursue internships at renowned companies, including SC ARCTIC SA, SC AUTOMOBILE DACIA SA, SPEEH HIDROELECTRICA SA, SC INFOBIT CONSULT SRL, SC LIN IMPEX SRL, and SDEE.
6. **Research Requirements:**
   - Each bachelor thesis will encompass both a theoretical component and a case study, whether theoretical or practical, within the specified field of specialization, with the guidance of an advisory professor.

Academic Advising:

- Throughout each academic year, a dedicated tutor is assigned to assist every student in course selection, academic planning, and addressing any concerns that may arise.

7. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
8. **Examinations:**
    - The courses will span 14 weeks during each semester. Successful completion of these exams is mandatory to earn study credits.
    - For each discipline, examinations may take the form of written, oral, or practical exams, as outlined in the discipline sheet at the start of each academic year.
    - Examinations are conducted during the scheduled exam sessions announced at the commencement of each academic year.
9. **Thesis/Dissertation Defense:**
    - The preparation of the Bachelor's Thesis is conducted under the guidance of a scientific coordinator.
    - The committee responsible for assessing the dissertation thesis is appointed by the decision of the rector and includes a president, three members, and a secretary, all of whom are specialized teaching staff.
    - In order to submit the thesis, each student must have accrued 240 ECTS from the mandatory and elected subjects.
    - The bachelor thesis topic must pertain to the field of Technologies and Telecommunication Systems.
10. **Graduation Requirements:**
    - Graduation requires students to fulfill all program requirements, including achieving the prescribed number of ECTS credits and successfully completing a final examination.
11. **Degree Awarding:**
    - Bachelor's Degree in Technologies and Telecommunication Systems.

Master Study Programmes

Advanced Automation, Industrial Informatics and Manufacturing

1. **Admission Requirements:**
    - **Prerequisites:**
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission process includes a structured interview on a predetermined topic.
        - Admission to the Master's programmes, both for free and fee-based studies, is strictly in descending order of the admission averages obtained by the candidates, within the limit of the places for which the admission competition is organised.
2. **Degree Levels:**
    - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Decision Support Systems in Manufacturing Organisation.
        - Advanced Modelling and Simulation Techniques for Discrete Event Systems.
        - Cloud Computing.
        - Modelling Complex Systems.

- IT Platforms for Manufacturing and Services.
- Multi-Agent Systems.
- Management Strategies for Complex Systems.
- Advanced Robotics.
- Production Planning and Scheduling Techniques.
- Industrial Information Systems.
- Research Methodology.
- Ethics and Academic Integrity.

- **Electives:**
  - Quality Engineering.
  - Maintenance of Automation Systems.
  - Embedded Computer Systems.
  - Advanced Control and Systems Supervision.
- **Major/Concentration:**
  - Enterprise Engineering; Organization Management; Industrial Information Systems; Industrial Systems Maintenance; Optimization of Production Processes; Quality Management; Analysis and Design of Industrial Information Systems; Enterprise Management Problem Solving; Management and Marketing; Project Management; Research Methodology and Ethics.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.

6. **Research Requirements:**
    - The scientific research activity is present in all 4 semesters and is credited with 40 ECTS. Also, in the last semester, students carry out research internships as well as research for the completion of their dissertation.
7. **Academic Advising:**
    - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
    - The semester research is conducted under the guidance of two coordinating professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a dissertation thesis before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the dissertation thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the dissertation thesis.
12. **Degree Awarding:**
    - Master's Degree in Advanced Automation, Industrial Informatics and Manufacturing.

Advanced Telecommunications Systems, Information Processing and Transmission

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission process includes a structured interview on a predetermined topic.
        - Admission to the Master's programmes, both for free and fee-based studies, is strictly in descending order of the admission averages obtained by the candidates, within the limit of the places for which the admission competition is organised.
2. **Degree Levels:**
    - **Graduate Level: Advanced Telecommunications Systems, Information Processing and Transmission**
        - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**
        - Advanced Data Dissimulation Techniques
        - Advanced Communication Techniques
        - Advanced Image Processing Techniques

- **Electives:**
  - Advanced Technologies for Embedded Systems / Database Design and Programming
  - Design of Integrated Circuits for Signal Processing / Design and Control of Intelligent Indoor Systems
- **Major/Concentration:**
  - Mobile Application Development
  - Integrated Systems for Signal Processing
  - Advanced Communication Systems
  - Information Processing and Coding in Communication Networks
  - Modeling, Analysis, and Design of Communication Systems and Networks
  - Communication Protocols and Interfaces for the Industrial Environment
  - Biomedical Signal and Image Processing
  - Research Practice
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to undertake internships at companies such as SC ARCTIC SA, SC AUTOMOBILE DACIA SA, SPEEH HIDROELECTRICA SA, SC INFOBIT CONSULT SRL, SC LIN IMPEX SRL, ERICSSON.
6. **Research Requirements:**
   - Each dissertation will encompass both a theoretical component and a case study, whether theoretical or practical, within the specified field of specialization, with the guidance of an advisory professor.

7. **Academic Advising:**
    - Throughout each academic year, a dedicated tutor is assigned to assist every student in course selection, academic planning, and addressing any concerns that may arise.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester. Successful completion of these exams is mandatory to earn study credits.
    - For each discipline, examinations may take the form of written, oral, or practical exams, as outlined in the discipline sheet at the start of each academic year.
    - Examinations are conducted during the scheduled exam sessions announced at the commencement of each academic year.
10. **Thesis/Dissertation Defense:**
    - The preparation of the Master's Dissertation is conducted under the guidance of a scientific coordinator.
    - The committee responsible for assessing the dissertation thesis is appointed by the decision of the rector and includes a president, three members, and a secretary, all of whom are specialized teaching staff.
    - In order to submit the thesis, each student must have accrued 120 ECTS from the mandatory and elected subjects.
    - The thesis topic must pertain to the field of Electronics and Telecommunications.
11. **Graduation Requirements:**
    - Graduation requires students to fulfill all program requirements, including achieving the prescribed number of ECTS credits and successfully completing a final examination.
12. **Degree Awarding:**
    - Master's Degree in Advanced Telecommunications Systems, Information Processing and Transmission.

Engineering of Electrical Systems Integrated in Vehicles (in English)

1. **Admission Requirements:**
    - **Prerequisites:**
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the English Language Proficiency Certificate (excluding those coming from countries where the official language is English) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the English Language Proficiency Certificate and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

      Entrance Exams:
        - The admission process includes a structured interview on a predetermined topic.
        - Admission to the Master's programmes, both for free and fee-based studies, is strictly in descending order of the admission averages obtained by the candidates, within the limit of the places for which the admission competition is organised.
2. **Degree Levels:**
        - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Development and Management of Object Oriented Software Projects;
        - Systems Engineering Management;
        - Electromagnetic Compatibility in Distributed Systems;
        - Vehicle Dynamics and Mechanics;
        - Interconnecting Devices and Interfaces;
        - Sensors and Transducers for Vehicles;

- Electric Propulsion Systems for Vehicles;
- Vehicle Architecture; Security and Functional Safety of Vehicle Electrical Systems;
- Numerical Simulation of Embedded Systems;
- Modelling, Simulation, Programming and Testing of Integrated Electromechanical Systems;
- Materials, Specific Technologies and Vehicles Environmental Impact;
- Integrated Data Acquisition Systems;
- Risk Management in Electrical Power Systems;
- Diagnosis of Electric Machines;
- Data Acquisition and Control System for a Vehicle;
- Car Video Simulation Based on the UNITY Graphics Engine;
- Wireless Charging Station for Electric Vehicles;
- Neural Algorithms for Shape Recognition;
- Modeling and Simulation of Integrated Micro-Systems.

- **Electives:**
  - Modernisation of Electricity Systems.
  - Advanced Electric Shareholder Management.
  - Intelligent Switching Equipment.
  - Computer-Aided Design of Electrical Installations.
- **Major/Concentration:**
  - Analysis of methods for assessing, analysing and optimising the reliability of electrotechnical equipment, the design and operation of electrical and power installations, the use of complex electrical equipment and systems, their design, manufacturing technology and installation.
  - The main supporter of the program is the Renault Romania Group.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.

5. **Internships and Practical Experience:**
    - Professional practice and research are present in all 4 semesters and is credited with 40 ECTS.
    - Students could carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.
    - Scholarships; Erasmus scholarships for study and research internships abroad; Participation in seminars, symposia, conferences; Ethics and academic integrity; Psycho-pedagogical training - level 2 (optional); Continuing studies to become a Doctor of Engineering.
6. **Research Requirements:**
    - The scientific research activity is present in all 4 semesters and is credited with 40 ECTS. Also, in the last semester, students carry out research internships as well as research for the completion of their dissertation.
    - Master's students are actively engaged in leading companies both nationally and internationally, fostering crucial connections and shouldering responsibilities in the dynamic realm of power electronics and electric drive systems. Some of our notable partner companies include Group Renault Romania, Expleo Group, FEV ECE Automotive, Schneider Electric România SRL, Siemens SRL, NXP Semiconductors, Thales Group, Eaton Electric SRL, Continental AG, SEGULA Technologies Group, and ICPE S.A.
    - The competencies acquired through our program are substantial, as students tackle intricate research-design challenges within the domain of electrical systems integrated into vehicles. Utilizing dedicated professional software and hardware, our graduates develop a profound understanding of systems engineering, particularly as applied to the automotive industry. This is a comprehensive program that integrates multidisciplinary knowledge from energy, electrical, electronic, communication, and mechanical systems.
    - Throughout the program, students gain practical expertise in vehicle-specific electrical systems engineering, spanning electrical, mechanical, electronic, communications, materials, advanced control, and system modeling. Our

curriculum is designed to equip graduates with the diverse skill set demanded by the evolving landscape of the automotive sector.

- Strategic partnerships are a cornerstone of our program. Collaborating with key players in the automotive industry and research and development, such as Renault Technologie Roumanie and IBM Romania – Academic Initiative, ensures our students are at the forefront of innovation. Târgoviște City Hall is also a vital partner, actively supporting the Electric Vehicle Research Center in sustainable land projects and activities.
- Our commitment to industry integration is unparalleled. From master courses and scientific events to consultancy and research projects, our students are exposed to real-world challenges. This level of engagement renders our graduates highly sought-after in Romania, making them top choices for recruitment by leading companies in the country.

7. **Academic Advising:**
    - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
    - The semester research is conducted under the guidance of two coordinating professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a dissertation thesis before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the dissertation thesis.

11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the dissertation thesis.
12. **Degree Awarding:**
    - Master's Degree in Electrical Systems Integrated in Vehicles.

Energy Systems Audit

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission process includes a structured interview on a predetermined topic.
        - Admission to the Master's programmes, both for free and fee-based studies, is strictly in descending order of the admission averages obtained by the candidates, within the limit of the places for which the admission competition is organised
2. **Degree Levels:**
    - **Graduate Level: Energy Systems Audit**
        - Master's Degree: 2-year program following a bachelor's degree.

3. **Curriculum:**
    - **Core Courses:**
        - Strategies, policies, legislation in energy and the environment
        - The compatibility of electrical installations with the requirements of sustainable development
        - Evaluation of the impact of energy projects on the environment
        - Electrical installations
    - **Electives:**
        - Electricity management in industry / Pumping stations and hydraulic networks
    - **Major/Concentration:**
        - Electrical expertise and audit
        - Thermoenergetic expertise and audit
        - Scientific research
        - Modernization of electric power systems based on the advances in IE
        - Energy management
        - Energy management in buildings
        - Distributed energy production
        - Smart energy networks
        - Research practice
    - **General Education Requirements:**
        - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.
4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Energy Systems Audit students can do internships at companies such as: SC ARCTIC SA, SC AUTOMOBILE DACIA SA, SPEEH HIDROELECTRICA SA, SC INFOBIT CONSULT SRL, SC LIN IMPEX SRL, SDEE.

6. **Research Requirements:**
    - Each dissertation will encompass both a theoretical component and a case study, whether theoretical or practical, within the specified field of specialization, with the guidance of an advisory professor.
7. **Academic Advising:**
    - Throughout each academic year, a dedicated tutor is assigned to assist every student in course selection, academic planning, and addressing any concerns that may arise.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester. Successful completion of these exams is mandatory to earn study credits.
    - For each discipline, examinations may take the form of written, oral, or practical exams, as outlined in the discipline sheet at the start of each academic year.
    - Examinations are conducted during the scheduled exam sessions announced at the commencement of each academic year.
10. **Thesis/Dissertation Defense:**
    - The preparation of the Master's Dissertation is conducted under the guidance of a scientific coordinator.
    - The committee responsible for assessing the dissertation thesis is appointed by the decision of the rector and includes a president, three members, and a secretary, all of whom are specialized teaching staff.
    - In order to submit the thesis, each student must have accrued 120 ECTS from the mandatory and elected subjects.
    - The thesis topic must pertain to the field of Energy Engineering.
11. **Graduation Requirements:**
    - Graduation requires students to fulfill all program requirements, including achieving the prescribed number of ECTS credits and successfully completing a final examination.
12. **Degree Awarding:**
    - Master's Degree in Energy Systems Audit.

Modern Systems and Equipment in Energy Production and Usage

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission process includes a structured interview on a predetermined topic.
        - Admission to the Master's programmes, both for free and fee-based studies, is strictly in descending order of the admission averages obtained by the candidates, within the limit of the places for which the admission competition is organised.
2. **Degree Levels:**
        - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Electrical Engineering Complements.
        - Risk Management in Electrical Power Systems.
        - Photovoltaic Systems.
        - Optimisation of Electrical Machines.
        - Design of Renewable Energy Systems.

- Applied Thermoelectric Systems.
- Micro-technologies Used in Solar Energy.
- Electromagnetic and Thermal Modelling in Electrical Systems.
- Unconventional Electrical Machines.
- Nano-magnetism: Materials, Technologies and Applications.
- Research Methodology.
- Ethics and Academic Integrity.

- **Electives:**
  - Modernisation of Electricity Systems.
  - Advanced Electric Shareholder Management.
  - Intelligent Switching Equipment.
  - Computer-Aided Design of Electrical Installations.
- **Major/Concentration:**
  - Analysis of methods for assessing, analysing and optimising the reliability of electrotechnical equipment, the design and operation of electrical and power installations, the use of complex electrical equipment and systems, their design, manufacturing technology and installation.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Professional practice and research are present in all 4 semesters and is credited with 40 ECTS.
   - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.

6. **Research Requirements:**
    - In the last semester, students carry out research internships as well as research for the completion of their dissertation.
7. **Academic Advising:**
    - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
    - The semester-long professional practice activity is carried out under the supervision of two coordinating professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a dissertation thesis before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the dissertation thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the dissertation thesis.
12. **Degree Awarding:**
    - Master's Degree in Modern Systems and Equipment in Energy Production and Usage.

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FACULTY OF ENVIRONMENTAL ENGINEERING AND FOOD SCIENCE

Faculty of Environmental Engineering and Food Science (FIMSA) has played a crucial role in creating extensive science curricula in life sciences since the early 1990s. These curricula focus on environmental education, food processing technologies, food safety, and agricultural practices in mountainous areas, especially in less developed countries, to meet the growing demand in these fields. The contemporary science programs prioritize discipline rigor and also include integrative courses, allowing students to have a comprehensive understanding of the complex societal needs. This approach emphasizes the need for interdisciplinary inquiries into the many challenges and solutions we encounter in modern society.

The faculty has a dual purpose: to train experts with exceptional levels of professional, general, and specialized abilities, and to actively contribute to the development of social, human, intellectual, and spiritual values. The objective of this goal is to foster a strong feeling of accountability among graduates, with a particular focus on adhering to regulations on security, nutrition, and food safety. It also emphasizes the importance of environmental conservation, sustainable utilization of natural biological resources, and rural development.

The faculty possesses state-of-the-art laboratories that cater to fundamental disciplines, technical engineering, and applied research and technology transfer in the sector. The lecture rooms are equipped with state-of-the-art instruments and technology to simulate technical processes and monitor environmental activities. They also have internet access to scientific documentation databases.

The scientific research conducted at the faculty is in line with specific areas of interest and is strongly connected to international research trends. Research endeavors are coordinated at the faculty level via specialized research centers.

The faculty regularly participates in collaborative partnerships, student exchange programs, and international research initiatives with universities and institutes overseas,

covering both academic and research areas. These collaborations create many chances for students and faculty to move between universities and become part of research networks that have been formed with institutions all over the world.

Bachelor Study Programmes

Agricultural Products Processing Technology

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
        - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Food Biochemistry
        - Food Microbiology
        - Principles and Methods of Food Preservation
        - Unit Operations in Food Processing
        - Quality Control of Food Products
        - Additives and Ingredients in the Food Industry

- **Electives:**
  - Food for Special Purpose
  - Bee Products Technology
  - Food Traceability
  - Technology of Pastry and Confectionery Products
  - Food Rheology
- **Major/Concentration:**
  - The program is meticulously crafted to nurture experts for both state and privately-owned food industry units, alongside research and design institutes. Committed to delivering a high standard of university education, our program is facilitated by a dedicated teaching staff. Our primary aim is to empower future food industry engineers, instilling in them the capacity for lifelong learning, a commitment to excellence and innovation in problem-solving, the ability to make informed decisions within the contemporary social and global context, and the development of leadership qualities in professional practice.
  - This comprehensive program integrates academic training with practical skills, covering the gamut of technological processes in every facet of the food industry. Encompassing optimization techniques, physico-chemical analysis, food chemistry, biochemistry, and microbiology, our curriculum ensures graduates are well-equipped to contribute significantly to diverse aspects of food production. From raw material conditioning to quality control and food product expertise, the training is designed to prepare individuals who can navigate the complexities of the dynamic food industry landscape. The overarching objective is to mitigate risks and elevate the safety standards of food consumption in this ever-evolving field.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation. An additional 10 ECTS is allocated to the diploma exam.

5. **Internships and Practical Experience:**

   The students benefit from a comprehensive 300 hours of practical experience, spanning from the first to the third year of study. This hands-on learning is strategically divided into field practice and specialty practice, designed to immerse students in a diverse range of tasks relevant to their future professions.

   To enrich this practical exposure, collaborative agreements exist between the Faculty of Environmental Engineering and Food Science and numerous food engineering enterprises, spanning various sectors such as bakery, dairy product manufacturing, meat processing, and beer technology. These partnerships aim to enhance students' practical understanding in real-world settings.

   Moreover, within the framework of specific European projects, agreements have been established for entrepreneurship activities. This initiative, particularly involving students in their third and fourth years of study, facilitates practical experiences that bridge the gap between the specifics of their field of study and the dynamic demands of the labor market. This multifaceted approach not only enriches their academic journey but also cultivates skills essential for success in their future careers.

6. **Research Requirements:**
   - The Bachelor thesis is an intricate engineering project meticulously structured into vital components, covering raw and auxiliary materials, processing technology, packaging characteristics, material balance, thermal balance, quality control on technological flow, economic calculation, valorization of by-products, and hygiene in the food sector. In accordance with the curriculum, a dedicated 120 hours (equivalent to 10 ECTS) are assigned to the practice specifically designed to prepare students for the Bachelor thesis. This allocation ensures a comprehensive and well-rounded readiness for this pivotal academic milestone.

7. **Academic Advising:**
   - During each academic year, students are paired with a dedicated tutor from the teaching staff. This tutor serves as a guiding resource, assisting students in course selection, mapping out their academic trajectory, and addressing both professional and administrative concerns. This academic advisor provides continuous support from the first year of study through the fourth year. Acting

as the intermediary between students and academic representatives, including teachers and management, communication is facilitated through various channels such as phone, email, and social media.

8. **Extracurricular Activities:**
    - Students enrolled in the Agricultural Products Processing Technology program actively participate in a variety of extracurricular activities closely aligned with their field of study. These activities include engaging in workshops focused on food production, attending symposia such as the Student Research Symposium and conferences addressing distinct topics such as Food waste. Additionally, students contribute to school dropout prevention activities and projects and actively participate in Special Event Days, such as International Food Day and Health World Day. This multifaceted involvement enriches their educational experience and provides valuable insights into the practical applications of their studies.
    - Complementing their involvement in academic and environmental initiatives, students maintain their own university-level organization—the Students League. This platform serves as a hub for student collaboration, fostering a sense of community and providing an avenue for collective engagement beyond the confines of their academic pursuits.
9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - The bachelor thesis undergoes a plagiarism check using specialized software before the decision is made to present it before a committee.
    - The bachelor thesis is expected to fulfill all required content chapters with a focus on scientific rigor. It should demonstrate accurate calculations, draw conclusions grounded in evidence, and present information in a clear manner.

The presentation is an opportunity to showcase the graduate's professional knowledge and cross-disciplinary skills.

11. **Graduation Requirements:**
    - Students are required to accumulate all 240 ECTS, demonstrating successful completion of exams for all curriculum disciplines. The final examination is twofold, encompassing the assessment of fundamental and specialty knowledge alongside the defense of the bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Food Engineering (Agricultural Products Processing Technology).

Engineering and Environment Protection in Agriculture

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
        - Bachelor's Degree: 4-year program.

3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Technologies of Environmental Engineering Operations
        - Land Survey
        - Geographical Information System (GIS)
        - Monitoring of the Environment
        - Water Treatment
        - Hydrology
        - Environmental Impact Assessment
        - Landscape Design
    - **Electives:**
        - Biofuels
        - Renewable Energy Sources
        - Aquatic Ecosystems
    - **Major/Concentration:**
        - The Engineering and Environment Protection in Agriculture program is designed to cultivate expertise at the intersection of agricultural practices and environmental sustainability. This program equips students with a holistic understanding of the challenges and opportunities in modern agriculture, emphasizing environmentally responsible engineering solutions. Upon completion, graduates are well-prepared to navigate the complex challenges of sustainable agriculture, applying engineering principles to protect and preserve the environment while fostering innovation in the agricultural sector.
    - **General Education Requirements:**
        - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.
4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation. An additional 10 ECTS is allocated to the diploma exam.

5. **Internships and Practical Experience:**

   As per the curriculum, students are offered a total of 300 hours of practical experience spanning the first through the third year of study. This hands-on learning is divided into field practice and specialty practice, providing students with a diverse range of tasks aligned with the specifics of their future profession.

   The Faculty of Environmental Engineering and Food Science has established collaborative agreements with numerous entities involved in environmental activities, such as wastewater treatment plants, environmental protection agencies, and waste treatment stations. These partnerships are instrumental in providing students with practical experiences that bridge the gap between theoretical knowledge and real-world applications.

   Furthermore, through participation in European projects, agreements have been forged to involve students, particularly those in their third and fourth years of study, in entrepreneurial activities. This engagement aims to connect the specific focus of their field of study with the demands of the labor market.

6. **Research Requirements:**
   - The Bachelor thesis is a comprehensive engineering project structured into essential components, including an analysis of the current state of the theme, theoretical and applied contributions to addressing the theme, and concluding with recommendations. This culmination of the undergraduate program is a pivotal academic endeavor.
   - To adequately prepare students for the successful completion of their Bachelor thesis, a dedicated Practice for Bachelor Thesis Preparation is integrated into the curriculum. This practice allocates a total of 120 hours, equivalent to 10 ECTS, providing students with the necessary guidance, resources, and support to refine their research skills, synthesize theoretical knowledge, and apply it to real-life scenarios.
7. **Academic Advising:**
   - During each academic year, students are paired with a dedicated tutor from the teaching staff. This tutor serves as a guiding resource, assisting students in course selection, mapping out their academic trajectory, and addressing both professional and administrative concerns. This academic advisor provides continuous support from the first year of study through the fourth year. Acting

as the intermediary between students and academic representatives, including teachers and management, communication is facilitated through various channels such as phone, email, and social media.

8. **Extracurricular Activities:**
    - Students enrolled in the Engineering and Environment Protection in Agriculture program actively participate in a variety of extracurricular activities directly aligned with their field of study. These include engaging workshops, symposia (such as the Student Research Symposium and conferences addressing specific topics like the Sustainable Development of Rural Areas), initiatives focused on preventing school dropout, and various projects. Additionally, they actively contribute to Special Event Days, celebrating occasions such as International Environment Day, GIS Day, Forest Day, Water Day, Biodiversity Day, among others.
    - Complementing their involvement in academic and environmental initiatives, students maintain their own university-level organization—the Students League. This platform serves as a hub for student collaboration, fostering a sense of community and providing an avenue for collective engagement beyond the confines of their academic pursuits.
9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - The bachelor thesis undergoes a plagiarism check using specialized software before the decision is made to present it before a committee.
    - The bachelor thesis is expected to fulfill all required content chapters with a focus on scientific rigor. It should demonstrate accurate calculations, draw conclusions grounded in evidence, and present information in a clear manner.

The presentation is an opportunity to showcase the graduate's professional knowledge and cross-disciplinary skills.

11. **Graduation Requirements:**
    - Students are required to accumulate all 240 ECTS, demonstrating successful completion of exams for all curriculum disciplines. The final examination is twofold, encompassing the assessment of fundamental and specialty knowledge alongside the defense of the bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Environment Protection in Agriculture.

Food Control and Security

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
    - Bachelor's Degree: 4-year program.

3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Microbiology
        - Food Biochemistry
        - Principles and Methods of Food Preservation
        - General Biotechnology
        - Basics of Nutrition
        - Hygiene in Food Industry
        - Food Safety and Traceability in Food Chain
        - Operations and Equipment in the Food Industry
        - Analysis and Identification of Risks in Food Products
        - Authentication and Detection of Counterfeits
    - **Electives:**
        - Food Chemistry
        - Equipment in Food Industry
        - Enzymatic and Immunological Methods
        - Nanomaterials
        - Machineries and Equipment in Food Industry
    - **Major/Concentration:**
        - he undergraduate study program in Food Control and Security is meticulously crafted to prepare specialists for pivotal roles in food industry companies, research institutes, and profile design institutes. With a dedicated teaching staff, the program is committed to delivering high-quality pre-university education. Its overarching goal is to train engineers in the food industry who demonstrate a commitment to lifelong learning, excellence, and innovation in problem-solving. Moreover, the program aims to instill in students the ability to make informed decisions within the contemporary social and global context and develop a leadership attitude in professional practice.
        - Through a well-rounded curriculum, the program provides a blend of academic and practical training. It specifically focuses on physical-chemical analyses, food chemistry, biochemistry, and microbiology of

food products, with a keen emphasis on quality control. The ultimate aim is to equip graduates with the skills needed to reduce risks and enhance the safety of food consumption. By fostering a comprehensive understanding of both theoretical principles and practical applications, the program empowers students for success in the dynamic and critical field of food control and security.

- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation. An additional 10 ECTS is allocated to the diploma exam.
5. **Internships and Practical Experience:**

   Students are offered a total of 300 hours of practical experience spanning the first through the third year of study. This hands-on learning is divided into field practice and specialty practice, providing students with a diverse range of tasks aligned with the specifics of their future profession.

   The Faculty of Environmental Engineering and Food Science has established collaborative agreements with numerous entities involved in environmental activities, such as wastewater treatment plants, environmental protection agencies, and waste treatment stations. These partnerships are instrumental in providing students with practical experiences that bridge the gap between theoretical knowledge and real-world applications.

   Furthermore, through participation in European projects, agreements have been forged to involve students, particularly those in their third and fourth years of study, in entrepreneurial activities. This engagement aims to connect the specific focus of their field of study with the demands of the labor market.
6. **Research Requirements:**
   - The Bachelor thesis is an engineering project structured into essential components, encompassing raw and auxiliary materials, processing technology, packaging characteristics, material balance, quality control on technological flow, economic calculation, and the development of an HACCP (Hazard Analysis and Critical Control Points) plan. As outlined in the curriculum, a dedicated 60

hours (equivalent to 2 ECTS) are allocated to the practice specifically designed to prepare students for their Bachelor thesis. This intentional provision ensures a focused and well-prepared approach to this significant academic undertaking.

- To adequately prepare students for the successful completion of their Bachelor thesis, a dedicated Practice for Bachelor Thesis Preparation is integrated into the curriculum. This practice allocates a total of 120 hours, equivalent to 10 ECTS, providing students with the necessary guidance, resources, and support to refine their research skills, synthesize theoretical knowledge, and apply it to real-life scenarios.

7. **Academic Advising:**
    - During each academic year, students are paired with a dedicated tutor from the teaching staff. This tutor serves as a guiding resource, assisting students in course selection, mapping out their academic trajectory, and addressing both professional and administrative concerns. This academic advisor provides continuous support from the first year of study through the fourth year. Acting as the intermediary between students and academic representatives, including teachers and management, communication is facilitated through various channels such as phone, email, and social media.
8. **Extracurricular Activities:**
    - Students actively engage in a variety of extracurricular activities directly aligned with their field of study. These include participation in workshops focusing on food production, attendance at symposia like the Student Research Symposium, and conferences addressing distinct topics such as Food waste. Additionally, students contribute to school dropout prevention activities and projects, as well as actively participate in Special Event Days such as International Food Day and Health World Day.
    - Complementing their involvement in academic and environmental initiatives, students maintain their own university-level organization—the Students League. This platform serves as a hub for student collaboration, fostering a sense of community and providing an avenue for collective engagement beyond the confines of their academic pursuits.

9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - The bachelor thesis undergoes a plagiarism check using specialized software before the decision is made to present it before a committee.
    - The bachelor thesis is expected to fulfill all required content chapters with a focus on scientific rigor. It should demonstrate accurate calculations, draw conclusions grounded in evidence, and present information in a clear manner. The presentation is an opportunity to showcase the graduate's professional knowledge and cross-disciplinary skills.
11. **Graduation Requirements:**
    - Students are required to accumulate all 240 ECTS, demonstrating successful completion of exams for all curriculum disciplines. The final examination is twofold, encompassing the assessment of fundamental and specialty knowledge alongside the defense of the bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Food Control and Security.

Mountain Agriculture

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.

- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
  - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program

2. **Degree Levels:**
   - Bachelor's Degree: 4-year program.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     - Basis of Energetics
     - Ecology and Environment Protection
     - Animal Anatomy and Physiology
     - Botany
     - Plant Physiology
     - General and Improvement Pedology
     - Agricultural Machinery
     - Forestry
     - Pathology
     - Pomology
     - Crop Production
     - Mountain Agrotourism
     - Agricultural Mountain-Ecoproducts
   - **Electives:**
     - Protection of Mountain Ecosystems
     - Ornamental Plants
     - Oenology

- Wood Study and Exploitation

- **Major/Concentration:**

  The program is designed to facilitate the training of engineers specializing in agricultural, horticulture, animal husbandry, and land exploitation sciences within hilly and mountainous regions. It offers a comprehensive foundation in agricultural technologies and management tailored specifically for application in these challenging terrains.

- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation. An additional 10 ECTS is allocated to the diploma exam.
5. **Internships and Practical Experience:**

   The curriculum is meticulously structured to provide students with a substantial 300 hours of practical experience, spanning from their first to the third year of study. This practical exposure is thoughtfully divided into field practice and specialty practice, ensuring a well-rounded engagement with various tasks that align closely with the specifics of their future professions.

   To enhance this hands-on learning, the Faculty of Environmental Engineering and Food Science has established collaborative agreements with a diverse range of entities involved in agriculture, including animal farms, vegetable farms, and fruit farms. These partnerships are strategically designed to offer students a comprehensive and immersive understanding of their chosen field.

   Furthermore, in alignment with several European projects, the faculty has facilitated agreements that promote entrepreneurship activities. This initiative is particularly tailored for students in their third and fourth years of study, providing them with practical experiences that seamlessly connect the theoretical aspects of their field of study with the dynamic demands of the labor market. This multifaceted approach not only enriches their academic journey but also cultivates the skills essential for success in their future careers.

6. **Research Requirements:**
    - The Bachelor thesis serves as an intricate engineering endeavor, systematically divided into essential segments that include an analysis of the current state of the theme, theoretical and applied contributions, and concluding insights with recommendations.
    - In adherence to the curriculum, a substantial allocation of 120 hours (equivalent to 10 ECTS) is earmarked for the Bachelor thesis preparation practice. This intentional provision ensures that students have ample time and resources to engage in the thorough preparation required for this pivotal academic milestone.
7. **Academic Advising:**
    - During each academic year, students are paired with a dedicated tutor from the teaching staff. This tutor serves as a guiding resource, assisting students in course selection, mapping out their academic trajectory, and addressing both professional and administrative concerns. This academic advisor provides continuous support from the first year of study through the fourth year. Acting as the intermediary between students and academic representatives, including teachers and management, communication is facilitated through various channels such as phone, email, and social media.
8. **Extracurricular Activities:**
    - Students enrolled in the Mountain Agriculture program actively participate in a variety of extracurricular activities that closely align with their academic pursuits. These include engaging in workshops, attending symposia like the Student Research Symposium and conferences focused on specific themes such as Sustainable Development of Rural Areas. Additionally, students contribute to school dropout prevention activities and projects, and actively participate in Special Event Days, such as International Environment Day and GIS Day. This multifaceted involvement enhances their learning experience and broadens their perspective on the practical applications of their field of study.
    - Complementing their involvement in academic and environmental initiatives, students maintain their own university-level organization—the Students League. This platform serves as a hub for student collaboration, fostering a

sense of community and providing an avenue for collective engagement beyond the confines of their academic pursuits.

9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - The bachelor thesis undergoes a plagiarism check using specialized software before the decision is made to present it before a committee.
    - The bachelor thesis is expected to fulfill all required content chapters with a focus on scientific rigor. It should demonstrate accurate calculations, draw conclusions grounded in evidence, and present information in a clear manner. The presentation is an opportunity to showcase the graduate's professional knowledge and cross-disciplinary skills.
11. **Graduation Requirements:**
    - Students are required to accumulate all 240 ECTS, demonstrating successful completion of exams for all curriculum disciplines. The final examination is twofold, encompassing the assessment of fundamental and specialty knowledge alongside the defense of the bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Mountain Agriculture.

Master Study Programmes

Control and Expertise in Food Industry

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.

- Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  - The admission process includes a structured interview on a predetermined topic. The professional interview is designed to assess students' analytical and synthetic skills in understanding food engineering concepts. The fundamental knowledge in Food Biochemistry, Food Microbiology, and Food Technologies constitutes the essential criteria for admission tests.

2. **Degree Levels:**
   - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     - Food Security and Food Safety
     - Authentication and Expertise of Food Products
     - Sanitarian-Veterinary Food Control
     - Quality Control on the Technological Flow in the Food Industry
   - **Electives:**
     - Food Commodities
     - Functional Foods and Organic Foods
     - Statistical Analysis and Design of Experiments in the Food Industry
   - **Major/Concentration:**

     The master's degree program is designed to equip specialists for diverse roles within the food industry. Graduates are prepared to contribute to food quality and safety control bodies, navigating related legislation and

employing modern analysis and control techniques, with an overarching commitment to quality management and the ultimate goal of ensuring the health and well-being of consumers.

The program provides comprehensive academic and practical training, focusing on modern control analyses across all sectors of the food industry. It emphasizes the implementation of the HACCP system and various quality systems aligned with European standards. Additionally, students gain expertise in employing contemporary modeling and simulation methods for technological processes within the food industry. This multifaceted approach ensures graduates are well-prepared for the dynamic and demanding landscape of the modern food industry.

- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation. An additional allocation of 10 ECTS is designated for the dissertation exam.
5. **Internships and Practical Experience:**
   - The course 'Scientific Research' is integrated into the curriculum from the first semester, comprising a total of 42 hours. Through practical activities within this discipline, students gain valuable experience in a specific aspect of food quality and expertise control, aligning with the topic of their dissertation work.
   - In the second year of study, the subjects 'Practice' and 'Practice for Elaboration of the Dissertation Work' further contribute to the expansion of students' practical knowledge, totaling 364 hours.
   - To enrich practical experiences, collaborative agreements exist between the Faculty of Environmental Engineering and Food Science and numerous food engineering enterprises across diverse sectors such as bakery, dairy product manufacturing, meat processing, and beer technology. These partnerships aim to provide students with hands-on experience in real-world settings.
   - Additionally, well-established agreements with organizations involved in food control and research institutes specializing in food quality further enhance

students' practical exposure and contribute to a comprehensive educational experience.

6. **Research Requirements:**

The Master's thesis is a comprehensive research endeavor applied in the field of food control and expertise, structured into essential components:

Motivation of the Choice of the Research Theme:

- Clearly articulating the rationale behind selecting the research theme.

Formulation of Reference Objectives:

- Defining objectives for scientific and practical research across knowledge, application, and integration levels.

Methods, Techniques, Procedures, and Research Tools:

- Detailing the methodologies, techniques, procedures, and tools utilized, aligning with the dissertation thesis topic.

Hypothesis Testing and Validation of Results:

- Rigorously testing hypotheses and validating research findings.

Data Processing and Analysis:

- Methodically processing and analyzing data derived from the research.

Conclusions of the Dissertation Thesis:

- Drawing conclusions based on the research outcomes.
- The specific elements of content are tailored to the chosen research topic, a collaborative effort between the student and their supervisor. This ensures a customized and in-depth exploration within the framework of the outlined requirements.

7. **Academic Advising:**

- Master's students in each academic year are guided by an academic advisor, typically a faculty member. This individual plays a vital role in keeping students well-informed about various aspects, including the curriculum, university services, material facilities (such as laboratories and equipment, library resources, etc.), evaluation procedures, fee structures, application modalities for scholarships and other funding sources, academic mobilities like Erasmus programs, and details about legally constituted student associations.
- Functioning as a crucial interface between students and academic representatives (such as teachers and management), the academic advisor

ensures effective communication through diverse channels, including phone, email, and social media. This comprehensive support system aims to empower students with the necessary information and resources to navigate their academic journey seamlessly.

- The dissertation thesis is also supervised by a scientific supervisor.

8. **Extracurricular Activities:**
    - Students enrolled in the Control and Expertise in Food Industry program actively participate in a variety of extracurricular activities closely aligned with their field of study. These include engaging in workshops focused on food production, attending symposia like the Student Research Symposium and conferences addressing distinct topics such as Food waste. Additionally, students contribute to and participate in Special Event Days, including International Food Day and Health World Day. This multifaceted involvement enriches their educational experience and provides valuable insights into the practical applications of their studies.
9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - Prior to defending the dissertation before a committee, a crucial initial step involves subjecting the work to a thorough plagiarism check using specialized software.
    - • The dissertation must encompass all required content chapters, ensuring scientific rigor, accurate calculations, and conclusions grounded in evidential data. The presentation should be clear, demonstrating the graduate's professional knowledge and transversal abilities.

11. **Graduation Requirements:**
    - To fulfill program requirements, students must earn 120 ECTS by passing exams in all outlined disciplines. The culmination of their academic journey involves defending a dissertation during the final examination.
12. **Degree Awarding:**
    - Master's Degree in Food Engineering (Control and Expertise in Food Industry).

Systems for Control and Evaluation of Environmental Quality

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**: The admission process includes a structured interview on a predetermined topic.
2. **Degree Levels:**
    - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Bioremediation
        - Air Pollution Control and Prevention
        - Biodiversity of Anthropogenic Ecosystems
        - Advanced Treating and Recycling Techniques and Methods of Wastes

- Transport and Dispersion of Pollutants
- **Electives:**
  - Biological Methods for Evaluating the State of the Environment
  - Techniques of Experimental Data Processing
  - Sustainable Management of Forest Ecosystems
- **Major/Concentration:**

  The program is designed to enhance overall understanding and proficiency in environmental protection while equipping participants with advanced skills in Environmental Engineering. Graduates of this program, having completed a bachelor's cycle, are prepared for future endeavors in research activities, engineering design, and are well-positioned for admission into Ph.D. programs. The curriculum ensures a comprehensive and specialized education, fostering a strong foundation for graduates to contribute effectively to environmental sustainability and innovative engineering practices.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation. An additional allocation of 10 ECTS is designated for the dissertation exam.
5. **Internships and Practical Experience:**
   - Students benefit from an extensive 500 hours of practical experience. This hands-on involvement is thoughtfully divided, encompassing 250 hours dedicated to research practice and an additional 250 hours specifically allocated for the practical aspects involved in dissertation elaboration. This balanced and structured approach not only enhances theoretical understanding but also fosters the practical skills necessary for comprehensive academic and professional development.
6. **Research Requirements:**
   - The dissertation serves as a solid engineering endeavor, meticulously divided into essential segments: an analysis of the current state of the theme, providing

theoretical and applied contributions to address the theme, and culminating in thoughtfully crafted conclusions and recommendations.

7. **Academic Advising:**
    - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students actively engage in a variety of extracurricular activities closely aligned with their field of study, including workshops and symposia such as the Student Research Symposium. Additionally, they actively participate in Special Event Days focused on raising awareness of crucial issues like climate change and environmental degradation, as well as established events like International Environment Day and GIS Day.
9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - Prior to defending the dissertation before a committee, a crucial initial step involves subjecting the work to a thorough plagiarism check using specialized software.
    - • The dissertation must encompass all required content chapters, ensuring scientific rigor, accurate calculations, and conclusions grounded in evidential data. The presentation should be clear, demonstrating the graduate's professional knowledge and transversal abilities.
11. **Graduation Requirements:**
    - To fulfill program requirements, students must earn 120 ECTS by passing exams in all outlined disciplines. The culmination of their academic journey involves defending a dissertation during the final examination.

12. **Degree Awarding:**
    - Master's Degree in Environmental Engineering (Systems for Control and Evaluation of Environmental Quality).

Contact Us for a Future in Environmental Engineering and Food Science!
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FACULTY OF MATERIAL ENGINEERING AND MECHANICS

Faculty of Material Engineering and Mechanics is a constituent of the Valahia University of Targoviste, alongside three other engineering faculties. The faculty encompasses study programs at all levels, including bachelor's, master's, and PhD. Our 4-year licence programmes offer instruction in two areas: materials engineering and mechanical engineering. Beginning this year (2023), we have also included a new domain called "economic engineering in the mechanical field".

The objectives of the "Mechanical Engineering" program are to educate experts in the domain of machinery processes and installations, capable of conducting scientific research, designing, manufacturing, maintaining, and operating. This will enhance their prospects for professional integration in economic organizations. The objective of the "Materials Engineering" program is to acquire expertise in the areas of materials development, testing, and research.

The program in Economic Engineering in the Mechanical Domain aims to train professionals capable of effectively integrating and applying economic theories, managing economic processes, and comprehensively implementing economic engineering principles. This program covers both the fields of economy and scientific and technological advancements.

The Advanced Materials Master program aims to enhance the knowledge and skills acquired during the previous Bachelor's degree in Materials Science. It offers interdisciplinary training in the areas of obtaining and characterizing metallic materials, ceramics, nanomaterials, and polymers. Additionally, the program focuses on the development of new materials that are associated with reduced energy consumption. The primary objective of the Modern Testing and Manufacturing Equipment in Mechanical Engineering curriculum is to educate engineers in computer-aided design, specifically in the mechanical domain, and provide comprehensive understanding of computer utilization in the process of conceptualizing, creating, optimizing products, and monitoring production.

The knowledge acquired in master's degrees can reach a profound level in doctorate studies, where gifted experts might supervise prospective PhD candidates. The Doctoral School of Engineering Sciences (SDSI) encompasses the subjects of Materials Engineering, established on August 3, 2000, and Mechanical Engineering, established on August 31, 2010.

Our students are provided with courses of a rigorous scientific nature, as well as access to extensive libraries, scientific databases, and state-of-the-art laboratories available both within our faculty and at the ICSTM institute. By collaborating with laboratories under the guidance of academics and researchers, our engineers have the opportunity to cultivate a genuine culture of invention. In order to comprehend intricate phenomena that underlie the advancement of materials, the operation of equipment and installations, as well as

technological processes, our students have the opportunity to either visit a company or participate in internship programs.

Annually, our faculty enhances connections with companies through the execution of collaboration agreements. We have established contractual agreements with multiple enterprises operating within the industrial sector of Dambovita county, including SC. ERDEMIR SA, ARCTIC SA, S.C. DONALAM SA, and others.

Bachelor Study Programmes

Equipment for Industrial Processes

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
        - Bachelor's Degree: 4-year program.

3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Mathematical Analysis
        - Linear Algebra and Analytical Geometry
        - Numerical Methods
        - Physics
        - Technical Chemistry
        - Mechanics
        - Resistance of Materials
        - Mechanisms
        - Technical Drawing
        - Materials Science
        - Applied Informatics
        - Thermotechnics and Thermal Machines
        - Fluid Mechanics and Hydraulic Machines
        - Tolerances and Dimensional Control
        - Applied Electronics
        - Computer Programming and Programming Languages
        - Electrical Engineering and Machines
        - Electric Drives
        - Machine Parts.
    - **Electives:**
        - Static Process Equipment
        - Machines for Process Industries
        - 3D Modelling of Mechanical Structures (SOLIDWORKS)
        - Computer-Aided Design (CATIA)
        - Maintenance and Reliability of Installations
        - Anti-Vibration Protection of Process Equipment
        - Manufacturing of Process Equipment
        - Depollution Equipment and Installations
        - Ventilation and Air Conditioning Installations

- Equipment and Installations for the Prevention of Environmental Pollution
- Machine Tools and Machining
- Tribology
- Automation
- Mechanical Vibrations
- Hydraulic and Pneumatic Drives
- Integrated Dimensional Control
- Refrigeration Plants
- Finite Element Method
- Manufacturing Technology.

- **Major/Concentration:**
  - The primary mission of the study program is to advance both teaching and scientific research. This program is strategically aligned with the goal of enhancing university education within the realm of mechanical engineering. It provides students with a comprehensive understanding of the design, operation, and management of equipment used in industrial settings. This interdisciplinary program combines elements of mechanical engineering, materials science, and industrial management to prepare students for careers related to the development and maintenance of industrial processes and systems. Additionally, it aims to foster the growth of research, design, technological innovation, and managerial development activities within the broader field of mechanical engineering.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching

and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.

- II - Internship 1: 3 weeks x 30 hours = 90 hours.
- III - Internship 2: 3 weeks x 30 hours = 90 hours.
- IV - Internship for Bachelor's Thesis Project Development: 2 weeks x 30 hours = 60 hours.

6. **Research Requirements:**
   - In order to present the bachelor's thesis, students are required to accrue the necessary number of credits (240 credits) and then prepare and deliver the bachelor's thesis.
7. **Academic Advising:**
   - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
   - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
    - Credits for Practical Diploma Project Elaboration: 2 ECTS.
    - Credits for Elaboration of the Diploma Project: 4 ECTS.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the bachelor thesis.

12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Equipment for Industrial Processes.

Engineering and Management

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
    - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Linear Algebra, Analytical, and Differential Geometry
        - Mathematical Analysis
        - Chemistry
        - Technical Drawing and Infographics
        - Applied Informatics

- Materials Science
- Physics
- Mechanics
- Materials Technology
- Basics of Economics
- Thermotechnics and Thermal Equipment
- Fluid Mechanics and Hydraulic Equipment
- Tolerances and Dimensional Control
- Resistance of Materials
- Economic Statistics
- Elements of Law
- Fundamentals of Management
- Mechanisms and Machine Parts
- Machining by Cutting
- Data Assisted Processing
- Measurement Technique
- Marketing
- Electronics
- Accounting
- Modeling and Simulation
- Production Management
- Actuations and Automations
- Quality Management
- Finance and Credit
- Supply and Distribution Logistics
- Tribology
- Manufacturing Technologies
- Process Equipment
- Commodity and Value Exchanges
- Flexible Processing Systems
- Reliability and Maintenance
- Entrepreneurship
- Computer-Aided Design.

- **Electives:**
  - IT Systems in Management
  - Managerial Communication
  - Analysis and Diagnosis
  - SME Management
  - Project Management
  - Innovation Management
  - Sustainable Development of the Environment
  - Management of the Simulated Enterprise
  - Cost Calculation
  - E-commerce
  - Financial Law
  - Commercial Law.
- **Major/Concentration:**
  - The program cultivates the skills of future graduates, enabling them to proficiently engage in research, design, technological, and managerial development activities. It integrates engineering principles with business and management concepts. This interdisciplinary approach aims to equip students with a versatile skill set, allowing them to bridge the gap between technical expertise and managerial proficiency. Students may study a broad range of subjects, including core engineering disciplines, business fundamentals, law, project management, and innovation strategies.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching

and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.

- II - Internship 1: 3 weeks x 30 hours = 90 hours.
- III - Internship 2: 3 weeks x 30 hours = 90 hours.
- IV - Internship for Bachelor's Thesis Project Development: 2 weeks x 30 hours = 60 hours.

6. **Research Requirements:**
   - In order to present the bachelor's thesis, students are required to accrue the necessary number of credits (240 credits) and then prepare and deliver the bachelor's thesis.
7. **Academic Advising:**
   - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
   - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
    - Credits for Practical Diploma Project Elaboration: 2 ECTS.
    - Credits for Elaboration of the Diploma Project: 4 ECTS.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the bachelor thesis.

12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Engineering and Management.

Materials Science

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
    - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Linear Algebra, Analytical, and Differential Geometry
        - Mathematical Analysis
        - Chemistry
        - Chemistry-Physics
        - Technical Drawing and Infographics

- Applied Informatics
- Physics
- Computer Programming and Programming Images
- Numerical Methods
- Descriptive Geometry
- Computer-Aided Graphics (AUTOCAD)
- Science and Engineering of Materials
- Mechanics
- Technology of Materials
- Thermotechnics
- Mechanics of Fluids
- Crystallography
- Physical Metallurgy
- Strength of Materials
- Electrotechnics and Electrical Machines
- Mechanisms and Machine Parts
- Properties of Materials
- Plastic Deformation Processes
- Basics of Breaking Materials
- Heat Treatments
- Basics of Alloy Production
- Theoretical Bases of Casting

- **Electives:**
  - Corrosion and Corrosion Protection of Materials
  - Structural Theory of Materials
  - Physical Metallurgy
  - Nanocrystalline Materials
  - Material Analysis Techniques
  - Plastic Deformation Technology
  - Powder Metallurgy
  - Biomaterials
  - Industrial Furnaces
  - Metallic Materials

- Non-metallic Materials
- Polymeric Materials
- Ceramic Materials
- Composite Materials
- Selection of Materials
- Modeling and Optimization of Processes

- **Major/Concentration:**

  The study program ensures the acquisition of the following professional skills:

  - Application of calculus, demonstrations, and problem-solving techniques in materials engineering based on fundamental sciences.
  - Integration of knowledge, principles, and methods from the field of technical sciences, utilizing graphical methods to address specific tasks.
  - Utilization of Computer-Aided Design (C.A.D) techniques for materials designing.
  - Assessment and optimal resolution of technical challenges related to materials processing through the application of concepts, theories, and experimental methods.
  - Development of management and marketing competencies in the realm of design and materials characterization.
  - Advancement of technical assessment activities related to sustainable development in the materials industries.

- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.

- II - Internship 1: 3 weeks x 30 hours = 90 hours.
- III - Internship 2: 3 weeks x 30 hours = 90 hours.
- IV - Internship for Bachelor's Thesis Project Development: 2 weeks x 30 hours = 60 hours.

6. **Research Requirements:**
   - In order to present the bachelor's thesis, students are required to accrue the necessary number of credits (240 credits) and then prepare and deliver the bachelor's thesis.
7. **Academic Advising:**
   - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
   - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. The grading system for a subject ranges from 10 to 1, with whole numbers assigned as marks. The minimum passing grade is 5, and the highest achievable mark is 10.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
    - Credits for Practical Diploma Project Elaboration: 2 ECTS.
    - Credits for Elaboration of the Diploma Project: 4 ECTS.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the bachelor thesis.

12. **Degree Awarding:**
    - Bachelor's Degree (Engineer) in Materials Science.

Master Study Programmes

Advanced Materials

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission process includes a structured interview on a predetermined topic.
        - Admission to the Master's programs, for both free and fee-based studies, is contingent on the available positions. The admission competition is organized in descending order of the admission averages obtained by the candidates, with a breakdown of 50% for the license exam grade and 50% for the interview.
2. **Degree Levels:**
        - Master's Degree: 2-year program following a bachelor's degree.

3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:

      Specialized Technical Courses:
        - Nanocomposites and Intermetallic Compounds
        - Advanced Materials and Processes in Powder Metallurgy
        - Thermodynamics and Kinetics of Solid State Transformations
        - Research Methodology
        - Interphase Phenomena in Obtaining Special Alloys
        - Thermo-mechanical Processing of Special Steels
        - Micro and Nanotechnologies of Material Processing
        - Refractory Materials
        - Processing of Advanced Materials
        - Magnetic Materials
        - Advanced Functional Materials
        - Unconventional Methods of Material Processing
        - Ceramic Matrix Composite Materials
        - Amorphous Materials

      Complementary Course:
        - Ethics and Academic Integrity

      Practice:
        - Specialized Practice 1-4
        - Practice for the Elaboration of the Dissertation

      Elaboration of the Dissertation Project
    - **Electives:**

      Optional Course 1:
        - Composite Materials with Ceramic Matrix
        - Refractory Materials

      Optional Course 2:
        - Magnetic Materials
        - Amorphous Materials

      Optional Course 3:
        - Unconventional Material Processing Methods

- Advanced Functional Materials

- **Major/Concentration:**

  The study program ensures the development of the following professional skills:

  - Addressing intricate Materials Engineering challenges through advanced engineering science knowledge.
  - Applying mathematical modeling and optimization to tailor technological processes in material processing.
  - Proficiently utilizing software applications for precise material characterization.
  - Managing projects focused on designing and characterizing advanced materials.
  - Leading the design, realization, valorization, and quality assurance of advanced materials with a commitment to sustainable development.

- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.
6. **Research Requirements:**
   - The master's thesis integrates a substantial research component directly tied to the thematic focus of the study. This endeavor encompasses specialized practices throughout all semesters, coupled with practical applications designed to enhance the development of the dissertation project.
7. **Academic Advising:**
   - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.

- The semester-long professional practice activity is carried out under the supervision of two coordinating professors.
- The dissertation thesis is also supervised by a scientific supervisor.

8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**
    The prerequisites for presenting a dissertation thesis before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the dissertation thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the dissertation thesis.
12. **Degree Awarding:**
    - Master's Degree in Advanced Materials.

Modern Mechanical Engineering Manufacturing and Testing Equipment

1. **Admission Requirements:**
   - **Prerequisites**:
     - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
     - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.

- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  - The admission process includes a structured interview on a predetermined topic.
  - Admission to the Master's programs, for both free and fee-based studies, is contingent on the available positions. The admission competition is organized in descending order of the admission averages obtained by the candidates, with a breakdown of 50% for the license exam grade and 50% for the interview.

2. **Degree Levels:**
   - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:

     Specialized Technical Courses:
     - 3D Scanning Techniques, Reverse Engineering, and Advanced Modeling
     - CAD Techniques for Dynamic Modeling of Body Systems
     - Modeling Tribological Systems in Mechanical Engineering
     - Machining, Machining, and Post-Processing Centers for Precision Machining
     - Testing and Simulation of Rheological Damping Systems
     - Modern Analysis and Testing Equipment in Surface Engineering
     - Anti-Vibration Isolation, Vibroacoustic Measurement, and Diagnosis of Cars
     - Procurement Equipment and Systems for Mechanical Testing
     - Rapid Prototyping Equipment and Technologies

     Complementary Courses:
     - Ethics and Academic Integrity

     Practice:

- Specialized Practice 1, 2, 3, 4
- Practice for the Elaboration of the Dissertation

Optional Courses:

- Creativity and Inventiveness.
- Intellectual Property and Copyright.
- Drafting Projects for Financing Programs.
- Elaboration of the Dissertation Project.

- **Electives:**

  Optional Course 1:

  - Equipment for Micro-Processing by LASER Ablation
  - Industrial Technologies Using LASER Ablation

  Optional Course 2:

  - Measurement, Control, and Monitoring of Smart Manufacturing Processes
  - Advanced Mechatronics and Micro-Mechatronics

  Optional Course 3:

  - Modern Equipment and Technologies for Thin Layers
  - Industrial Equipment for Surface Engineering

- **Major/Concentration:**

  The study program ensures the development of the following professional skills:

  - Identify the underlying phenomena and principles that govern the operation of modern measuring, testing, and manufacturing equipment in order to address complex issues within the realm of mechanical engineering.
  - Utilize advanced design, modeling, and simulation software applications proficiently to solve intricate mechanical engineering challenges.
  - Manage and resolve specific vibroacoustic and tribological diagnostic issues aimed at enhancing the reliability and maintainability of contemporary manufacturing and testing equipment.
  - Address complex tasks related to smart manufacturing and process monitoring through the application of advanced knowledge in mechanical engineering.

        - Effectively program and operate modern equipment for measuring, testing, and smart manufacturing.
    - **General Education Requirements:**
        - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Students have the opportunity to carry out their internship in companies and enterprises in Dambovita county and its surroundings, as well as in the teaching and research laboratories of the faculty or the Institute for Scientific and Multidisciplinary Research.
6. **Research Requirements:**
    - The master's thesis integrates a substantial research component directly tied to the thematic focus of the study. This endeavor encompasses specialized practices throughout all semesters, coupled with practical applications designed to enhance the development of the dissertation project.
7. **Academic Advising:**
    - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
    - The semester-long professional practice activity is carried out under the supervision of two coordinating professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a dissertation thesis before a committee include:

- Attainment of 120 ECTS credits throughout the program.
- Obtaining the approval of the scientific supervisor to present the dissertation thesis.

11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the dissertation thesis.
12. **Degree Awarding:**
    - Master's Degree in Modern Mechanical Engineering Manufacturing and Testing Equipment.

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FACULTY OF HUMANITIES

Valahia University of Târgoviște proudly embodies a rich humanistic tradition, evident in its curriculum evolution since 1992. The Faculty of Humanities, established in 1995, champions five undergraduate specializations—History, Geography, Tourism Geography, Physical Education and Sport, Kinesiotherapy, and Special Motor Skills. Complemented by master's programs such as European History, Geographic Risk Phenomena and Environmental Quality, Physical Education, Tourism, and Leisure, the faculty provides a diverse academic landscape.

This tradition, marked by commitment and excellence, thrives through the faculty's accreditation and adherence to the European Credit Transfer and Accumulation System. This enables students to experience academic mobility, supported financially by European programs, fostering opportunities to study both nationally and internationally.

Our faculty comprises a dynamic teaching staff, blending youthful academics sourced from our distinguished graduates and seasoned specialists with international acclaim. Their reputations, built over decades of research in the Romanian Academy institutes, contribute to the academic prowess of the institution.

Scientific excellence is further demonstrated through accredited research centers and the publication of three indexed scientific journals. The faculty annually hosts national and international scientific gatherings, organizing conferences with eminent personalities from universities nationwide and abroad. Faculty members lead numerous national and international research projects, offering deserving master's and doctoral student’s invaluable opportunities for integration.

Divided into three autonomous departments—History, Geography, and Physical Education and Sport—the faculty ensures a tailored teaching mission while overseeing research program organization.

The material base of the Faculty of Humanities includes numerous well-furnished and equipped facilities (4 amphitheaters, 20 classrooms and seminar rooms, 2 complex sports facilities). It comprises a central library, specialty libraries organized within research centers, as well as specialized laboratories, offering interested students the opportunity to become familiar with the rigors of scientific research from their early years at the faculty.

Bachelor Study Programmes

Geography

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - General Physical and Human Geography
        - Cartography, Topography and Photogrammetry
        - Meteorology and Climatology
        - Hydrology and Oceanography
        - Economical Geography
        - Geography of Population
        - Geography of Tourism
        - Methods and Techniques for the Analysis of Geographical Data
        - Geomorphology
        - Urban and Rural Geography

- Biogeography
- Soil Geography
- Environmental Geography
- Regional Geography (Development Regions of Romania)
- Planning of Geographical Space
- Regional Geography (Carpathians and Subcarpathians of Romania)
- Regional Geography (Hills, Plateaus and Plains of Romania)

- **Electives:**
  - GIS Applied to the Microscale in Hydrology
  - Methods and Techniques of Cartographic Representation in Hydrology
  - Climatic and Fluvial Geomorphology
  - Land Degradation
  - Global Environmental Changes
  - Political and Historical Geography
  - Agroclimatology, Biometeorology, and Bioclimatology
  - Topoclimatology
  - Geology of Romania
  - Ethics and Academic Integrity
  - Toponymy and Ethnography
  - Geomorphological and Pedological Mapping
  - Social Geography
  - Cultural Geography
  - The Management of Biodiversity and Ecodiversity
  - Ecology and Environment Protection
- **Major/Concentration:**
  - Practical Application: Hands-on application of geographical methodologies.
  - Geography of Europe: In-depth examination of the geographical dynamics within the European continent.
  - Physical Geography of Romania: Understanding the natural landscapes and physical features of Romania.
  - Human and Economic Geography of Romania: Analyzing the human and economic aspects shaping Romania's geographical landscape.

- Geography of Continents Outside of Europe: Exploration of diverse geographical features and characteristics of continents beyond Europe.
- Specialty Practice: Focused practical experience in specialized geographical areas.
- Geography of Natural and Man-Made Hazards and Risks: Investigating the geographical aspects of natural and human-induced hazards and risks.
- Practice for Elaboration of Graduate Work: Preparing for advanced studies through practical experience and research preparation.

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Specialized practice is a pivotal component of our academic program, taking place at the well-equipped practice base of Valahia University located in Fundata, Brașov County. This facility provides students with hands-on experiences and real-world applications, enhancing their practical skills and understanding of geographical concepts.
   - In tandem with this, our itinerant practice offers a dynamic learning experience, spanning a 3-4-day circuit that exposes students to diverse geographical settings. This mobility fosters adaptability and a broader perspective on geographical phenomena.
   - For pedagogical practice, our program establishes collaborative protocols with schools and high schools in Târgoviște. This strategic partnership allows our students to engage in meaningful teaching experiences, applying their geographical knowledge in an educational context and fostering a symbiotic relationship with the local academic community.

6. **Research Requirements:**
    - Compilation of the Bachelor thesis.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    - Extracurricular activities are carried out within the student scientific circles: George Vâlsan (physical geography); Ion Conea (historical geography and toponymy); N A. Rădulescu (human geography); Vintilă Mihăilescu (regional geography). Through these circles, students not only enhance their knowledge in specific subfields but also cultivate a collaborative and intellectually stimulating environment that enriches their overall academic experience.
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 188 ECTS credits throughout the program.
    - The completion of the bachelor's thesis involves collaborative planning with the designated coordinator. Subsequently, students are responsible for submitting both hard and digital copies, registering for the final examination. This process occurs in the second semester of the third year, meeting the deadline set by the secretariat and the department. To ensure a smooth workflow, students are encouraged to complete this submission at least 15 days before the exam period. Importantly, the coordinator's favorable opinion is a prerequisite for the acceptance of the bachelor's thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.

12. **Degree Awarding:**
    - Bachelor in Geography.

Geography of Tourism

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - General Physical and Human Geography
        - Cartography, Topography, and Photogrammetry
        - Meteorology and Climatology
        - Hydrology and Oceanography
        - Economic Geography
        - Geography of Population
        - Geography of Tourism
        - Methods and Techniques for the Analysis of Geographical Data

- Geomorphology
- Urban and Rural Geography
- Biogeography
- Environmental Geography
- Geography of Continents
- Regional Geography of Romania

- **Electives:**
  - Protection and Conservation of Tourist Resources
  - Tourism Economy
  - Investigation Techniques
  - Group Activation Techniques
  - Guide Techniques
  - Accounting in Tourism
  - Karst Science
  - Quaternary
  - Ethics and Academic Integrity
  - Environmental Impact Assessment
  - Toponymy and Ethnography
  - Touristic Marketing and Management
  - Social Geography
  - Cultural Geography
  - Geotourism
  - Tourism Development Policies and Strategies
  - Risk Assessment and Disaster Management
  - Demography
- **Major/Concentration:**
  - Evaluation of Touristic Resources
  - Montanology and Mountain Tourism
  - Geography of Health Resources and Health Tourism
  - Rural and Urban Tourism
  - International Tourism
  - Touristic Heritage of Romania and Its Capitalization
  - Planning of Touristic Space

- Ecotourism
- Speciality Practice
- Practical Application
- Practice for Elaboration of Graduate Work.

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Specialized practice is a pivotal component of our academic program, taking place at the well-equipped practice base of Valahia University located in Fundata, Brașov County. This facility provides students with hands-on experiences and real-world applications, enhancing their practical skills and understanding of geographical concepts.
   - In tandem with this, our itinerant practice offers a dynamic learning experience, spanning a 3-4-day circuit that exposes students to diverse geographical settings. This mobility fosters adaptability and a broader perspective on geographical phenomena.
   - For pedagogical practice, our program establishes collaborative protocols with schools and high schools in Târgoviște. This strategic partnership allows our students to engage in meaningful teaching experiences, applying their geographical knowledge in an educational context and fostering a symbiotic relationship with the local academic community.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.

8. **Extracurricular Activities:**
    - Extracurricular activities are carried out within the student scientific circles: George Vâlsan (physical geography); Ion Conea (historical geography and toponymy); N A. Rădulescu (human geography); Vintilă Mihăilescu (regional geography). Through these circles, students not only enhance their knowledge in specific subfields but also cultivate a collaborative and intellectually stimulating environment that enriches their overall academic experience.
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 188 ECTS credits throughout the program.
    - The completion of the bachelor's thesis involves collaborative planning with the designated coordinator. Subsequently, students are responsible for submitting both hard and digital copies, registering for the final examination. This process occurs in the second semester of the third year, meeting the deadline set by the secretariat and the department. To ensure a smooth workflow, students are encouraged to complete this submission at least 15 days before the exam period. Importantly, the coordinator's favorable opinion is a prerequisite for the acceptance of the bachelor's thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor in Geography of Tourism.

History

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Prehistory
        - Introduction in the Ancient History of Romania
        - Introduction in Ancient World History
        - Introduction in Archaeology
        - General Historiography
        - Modern Language
        - Introduction in Medieval Romanian History
        - Introduction in Medieval World History
        - Romanian Historiography
        - History and Theory of Art
        - Introduction in Modern Romanian History

- Introduction in Modern World History
- History of the Ottoman Empire
- Introduction in Museology
- History of Romanian Art
- Auxiliary Historical Sciences
- History of Romania in the 20th Century
- Introduction in 20th Century World History
- Cultural Anthropology
- History of Eastern and South-Eastern Europe during the Modern and Contemporary Ages
- History of Collective Mentalities

- **Electives:**
  - Paleography and Epigraphy (Latin, Slavic, German, Hungarian, Romanian Cyrillic)
  - Academic Ethics and Integrity
  - Schools and Methods in Modern Historiography
  - History of European Integration
  - International Relations in Europe During the 20th Century
  - Typology and Technology of Animal Hard Materials
  - Medieval Urban Genesis
  - History of Medieval Culture
  - Medieval State Genesis
  - Geo-Archaeology
  - Legislation of Archaeological Heritage Preservation
  - The Formation of Medieval Romanian States
  - Medieval Institutions
  - Prehistoric Adornments
  - Prehistoric Stone Technology and Typology
  - The Foreign Policy of the Romanian Principalities During the 15th and 16th Centuries
  - Social Structures During Prehistory
  - Historical Memory and the Social Reconstruction of the Past
  - International Relations During the Modern Age

- Romania's Relations with the Great Powers During the Modern Age
- The Formation of Nations in South-Eastern Europe
- Romania and the Latin Countries (France, Italy, Spain) in the Modern Age
- Contemporary International Relations
- Romania and International Relations in the 20th Century
- History of Nordic and Baltic Europe During the Modern and Contemporary Ages
- Local History
- Methodology of Scientific Research

- **Major/Concentration:**
  - The History study program is meticulously crafted to furnish students with a comprehensive grasp of varied historical epochs and methodologies. Commencing with foundational inquiries into prehistoric and migratory periods, students navigate linguistic and written sources, delving into the intricacies of ancient cultures. The curriculum seamlessly transitions to contemporary global contexts, unraveling the complexities of European integration and international relations throughout the 20th century. Specialized studies cover medieval history, geo-archaeology, and international relations, providing a nuanced understanding of historical narratives. The program culminates in an exploration of contemporary international relations and the histories of specific regions (Baltic Sea Region, Scandinavia, South-Eastern Europe), cultivating versatile research skills and an enriched comprehension of the historical continuum. This academic odyssey affords students the opportunity to grapple with historical complexities, transcending temporal and geographical boundaries.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.
  - Engaging in the study of a foreign language and participating in physical education and sports are integral components of a well-rounded academic experience.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Practical experience is a cornerstone of our program, immersing students in invaluable archaeological sites under the guidance of excavation leaders, who also hold professorial roles. This hands-on learning extends beyond excavation sites to encompass practical training in museums and county branches of the national archives.
    - For pedagogical practice, our program establishes collaborative protocols with schools and high schools in Târgoviște. This strategic partnership allows our students to engage in meaningful teaching experiences, applying their geographical knowledge in an educational context and fostering a symbiotic relationship with the local academic community.
6. **Research Requirements:**
    - Compilation of the Bachelor thesis.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    - Extracurricular activities flourish within our dynamic student scientific circles, with the Constantin Preda circle dedicated to ancient history and the Nicolae Ciachir circle specializing in modern and contemporary history. These circles offer a stimulating environment for students to immerse themselves in their historical interests, fostering collaborative learning and enriching their academic journey. Students have the opportunity to further contribute to the scholarly community by participating in the activities of the Grigore Gafencu Research Center of History of International Relations and Cultural Heritage. This integration allows them to engage in advanced research, expanding their academic horizons and contributing to the center's endeavors.
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 188 ECTS credits throughout the program.
    - The completion of the bachelor's thesis involves collaborative planning with the designated coordinator. Subsequently, students are responsible for submitting both hard and digital copies, registering for the final examination. This process occurs in the second semester of the third year, meeting the deadline set by the secretariat and the department. To ensure a smooth workflow, students are encouraged to complete this submission at least 15 days before the exam period. Importantly, the coordinator's favorable opinion is a prerequisite for the acceptance of the bachelor's thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor in History.

Kinesiotherapy and Special Motricity

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those

who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  The admission average of registered candidates is made up of:
  • The baccalaureate grade at 70%, with the remaining 30% allocated to the Physical Education Test.

2. **Degree Levels:**
   - Bachelor's Degree: 3-year program.
3. **Curriculum:**
   - **Core Courses:**
     Mandatory courses that all students in the program must take:
     - Anatomy and Biomechanics
     - Physiology
     - Theory and Methodology of Physical Education
     - Kinesiology
     - Health and First Aid Education
     - Measurement and Evaluation in Physical Therapy
     - The General Basics of Physical Therapy
     - Semeiology
     - Swimming and Hydrokinetic Therapy
     - Patient Handling Techniques
     - Elements of Physiotherapy
     - Internships in Special Education Centers
     - Internships of Practical Applications in the Mountain Environment
     - Physiotherapy for Physical and Sensory Disabilities
     - Physiotherapy in Cardio-Respiratory Diseases
     - Physiotherapy in Neurological Conditions
     - Physiotherapy in Orthopedic-Traumatic Conditions with Applications in Sports
     - Physiotherapy in Rheumatological Conditions
     - Physiotherapy in Geriatrics-Gerontology
     - Physiotherapy in Pediatrics

- Internships in Social Assistance Centers
- Internships in Recovery Centers

- **Electives:**
  - Muscle Toning Methods and Techniques
  - Elements of Occupational Therapy
  - Social Assistance
  - Psychopedagogy
  - Massage and Complementary Techniques
  - General Basics of Athletics
  - Basic Gymnastics
  - Scientific Foundations of the Basketball Game
  - Scientific Foundations of the Football Game
  - Scientific Foundations of the Handball Game
  - Scientific Foundations of the Volleyball Game
- **Major/Concentration:**
  - **Comprehensive Physiological Understanding**: Explore anatomy, biomechanics, and physiology to develop a profound knowledge of the human body's movement and function.
  - **Therapeutic Techniques and Applications**: Master various physiotherapy methods, patient handling techniques, and specialized interventions for conditions such as neurological, orthopedic, and cardio-respiratory disorders.
  - **Clinical Exposure and Specialized Internships**: Gain practical experience through internships in diverse settings, including special education centers, mountain environments, and social assistance and recovery centers. Apply theoretical knowledge in real-world scenarios to refine your skills in kinesiotherapy and special motricity.

General Education Requirements:

- Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.
- Communication in Sports Science and Physical Education
- Use of specialized software in Sports Science and Physical Education

- Management and marketing in physical therapy
- Foreign language
- Specific research methods in Sports Science and Physical Education

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, with a total of 180 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Internships in recovery centers take place in various private centers, facilitated by established collaboration protocols. Likewise, internships in social assistance centers are conducted within the Directorate of Social Assistance centers in Targoviste, again supported by collaboration protocols. These hands-on experiences offer students valuable insights into the practical application of kinesiotherapy and special motricity in diverse healthcare and social support environments.
   - For pedagogical practice, our program establishes collaborative protocols with schools and high schools in Târgoviște. This strategic partnership allows our students to engage in meaningful teaching experiences, applying their geographical knowledge in an educational context and fostering a symbiotic relationship with the local academic community.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Extracurricular activities are conducted in collaboration with specialized institutions, including the Directorate of Social Assistance in Targoviste, the Valeriana Recovery Center, the Ivakinetic Recovery Center, and the Targoviste Swimming Tourist Complex. These engagements provide students with diverse opportunities to apply and enhance their skills in kinesiotherapy and special motricity across various professional settings.
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.
    - The completion of the bachelor's thesis involves collaborative planning with the designated coordinator. Subsequently, students are responsible for submitting both hard and digital copies, registering for the final examination. This process occurs in the second semester of the third year, meeting the deadline set by the secretariat and the department. To ensure a smooth workflow, students are encouraged to complete this submission at least 15 days before the exam period. Importantly, the coordinator's favorable opinion is a prerequisite for the acceptance of the bachelor's thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor in Physical Therapy.

Physical Education and Sports

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those

who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  The admission average of registered candidates is made up of:
  • The baccalaureate grade at 30%, with the remaining 70% allocated to Physical Education Test.

2. **Degree Levels:**
   - Bachelor's Degree: 3-year program.
3. **Curriculum:**
   - **Core Courses:**
     Mandatory courses that all students in the program must take:
     - Kinesiology
     - Psychopedagogy
     - Theory and Methodology of Physical Education
     - General Basics of Athletics
     - Basic Gymnastics
     - The Scientific Foundations of the Basketball Game
     - The Scientific Foundations of the Football Game
     - The Scientific Foundations of the Handball Game
     - The Scientific Foundations of the Volleyball Game
     - Motor and Somato-Functional Assessment
     - Functional Anatomy
     - Physiology
     - The Theory and Practice of Athletics
     - Theory and Practice in Branches of Gymnastics (Artistic Gymnastics, Acrobatic Gymnastics)
     - Theory and Practice in Winter Sports (Alpine Skiing)
     - Theory and Practice in Water Sports (Swimming)
     - Theory and Practice in Combat Sports (Judo, Martial Arts)
     - Theory and Practice in Expression Sports (Sportive Dance)
     - Practical Applications in Winter Sports Disciplines (in Training Camps)
     - Practical Applications in Water Sports Disciplines (in Training Camps)

- **Electives:**
  - The Methodology of Teaching Athletics in School
  - The Methodology of Teaching Basketball in School
  - The Methodology of Teaching Football in School
  - The Methodology of Teaching Gymnastics in School
  - The Methodology of Teaching Handball in School
  - The Methodology of Teaching Volleyball in School
  - Maintenance Aerobic Gymnastics
  - Step Aerobic
  - Self-defense Techniques
  - Applied Management in Sports Science and Physical Education
  - History of Physical Education and Sport
  - Ethics and Deontology in Sports Science and Physical Education
- **Major/Concentration:**
  - The major encompasses a diverse array of courses designed to provide students with a comprehensive understanding of the field. Kinesiology and psychopedagogy form the foundational pillars, offering insights into human movement and the educational aspects of physical activity. Theory and Methodology of Physical Education, along with specialized courses in various sports such as Athletics, Gymnastics, Basketball, Football, Handball, and Volleyball, contribute to a robust theoretical foundation. The program also integrates practical elements through Motor and Somato-Functional Assessment, Functional Anatomy, Physiology, and hands-on experiences in winter and water sports disciplines.

General Education Requirements:

- Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.
- Communication in Sports Science and Physical Education
- Education for Health and First Aid
- Survival Techniques
- Foreign Language

- Sociology in Sports Science and Physical Education

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, with a total of 180 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Hands-on experiences in winter sports unfold amidst the picturesque landscape of the Predeal Mountain resort, providing students with a unique opportunity to apply theoretical knowledge in real-world settings. Additionally, practical applications in water sports are conducted at the Târgoviște Swimming Tourist Complex, offering a dynamic learning environment for students to engage in aquatic activities and further enhance their skills. These immersive experiences not only bridge the gap between theory and practice but also contribute to a well-rounded education in Physical Education and Sport.
   - For pedagogical practice, our program establishes collaborative protocols with schools and high schools in Târgoviște. This strategic partnership allows our students to engage in meaningful teaching experiences, applying their geographical knowledge in an educational context and fostering a symbiotic relationship with the local academic community.
6. **Research Requirements:**
   - Compilation of the Bachelor thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Extracurricular activities thrive within prominent sports organizations such as the Târgoviște Municipal Sport Club, Târgoviște School Sport Club, Chindia Târgoviște Football Club Association, and the Târgoviște Swimming Tourist Complex. These dynamic platforms provide students with valuable opportunities to participate in a variety of sports and recreational activities, fostering physical fitness, teamwork, and a holistic approach to sports education.
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.
    - The completion of the bachelor's thesis involves collaborative planning with the designated coordinator. Subsequently, students are responsible for submitting both hard and digital copies, registering for the final examination. This process occurs in the second semester of the third year, meeting the deadline set by the secretariat and the department. To ensure a smooth workflow, students are encouraged to complete this submission at least 15 days before the exam period. Importantly, the coordinator's favorable opinion is a prerequisite for the acceptance of the bachelor's thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor in Physical Education and Sports.

Master Study Programmes

Geographic Risk Phenomena and Environmental Quality

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.

- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  The admission average of registered candidates is made up of:
  - Average of the license or equivalent exam - weight 60%
  - The grade obtained at the professional interview - weight 40%

2. **Degree Levels:**
   - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**
     Mandatory courses that all students in the program must take:
     - Environmental Economy and Sustainable Development
     - Geomorphological Risk Phenomena
     - Extreme Climatic Phenomena
     - Methodology of Scientific Research
     - Ethics and Academic Integrity
     - Hydrographic Basin Fitting and Flood Protection
     - Protection and Improvement of Soil Resources
     - Technological Hazards and Risks
     - Vulnerability of Natural and Man-Made Ecosystems to Global Changes
     - Impact of Environmental Quality on Population Health
     - Elaboration of Impact Studies
     - Quality, Monitoring, and Management of the Environment
     - Influence of Tourism Activities on Human Habitat
     - Natural and Anthropogenic Risks in the Dynamics of Human Settlements
     - Research Practice
     - Elaboration of Dissertation Work
   - **Electives:**
     - Environmental Geology

- Methods for Determining and Interpreting Physico-Chemical and Biological Characteristics of Environmental Elements
- GIS Applications in Environmental Protection and Spatial Planning
- Remote Sensing Applications in Environmental Protection and Spatial Planning

- **Major/Concentration:**
  - This program offers an advanced exploration of geographic risk phenomena and environmental quality, equipping students with specialized knowledge and skills to analyze and address complex challenges in the field. Courses cover a range of topics, including environmental geology, methodologies for assessing environmental elements, and applications of Geographic Information Systems (GIS) and remote sensing in environmental protection and spatial planning. Students engage in comprehensive studies to understand geomorphological and climatic risk factors, explore the vulnerability of ecosystems to global changes, and assess the impact of environmental quality on population health.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Specialized practice is a pivotal component of our academic program, taking place at the well-equipped practice base of Valahia University located in Fundata, Brașov County. This facility provides students with hands-on experiences and real-world applications, enhancing their practical skills and understanding of geographical concepts.
   - In tandem with this, our itinerant practice offers a dynamic learning experience, spanning a 3-4-day circuit that exposes students to diverse geographical

settings. This mobility fosters adaptability and a broader perspective on geographical phenomena.

6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Extracurricular activities are carried out within the student scientific circles: George Vâlsan (physical geography); Ion Conea (historical geography and toponymy); N A. Rădulescu (human geography); Vintilă Mihăilescu (regional geography). Through these circles, students not only enhance their knowledge in specific subfields but also cultivate a collaborative and intellectually stimulating environment that enriches their overall academic experience.
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in Geographic Risk Phenomena and Environmental Quality.

European History Unity

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
        - Average of the license or equivalent exam - weight 80%
        - The grade obtained at the professional interview - weight 20%
2. **Degree Levels:**
    - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - The Paleolithic Age in Europe
        - The Roots of European Civilization
        - European Prehistoric Art
        - The Romania Medieval Towns in their European Context
        - The Emergence of Romanian Medieval States in their European Context
        - Romanians and Europe in the 19th Century
        - Romanians and the European Unity in the 20th Century
        - The Baltic Region: European Synergies
        - The Methodology of Scientific Research

- The European Integration: Ideas, Institutions, Policies
- Practical Research Stage
- Elaboration of Dissertation Thesis

- **Electives:**
  - The Particularities of European Antiquity
  - The Roman Institutional Heritage in Europe
  - The Roman Civilization and the Barbarian World
  - The Evolution of European Archaeological Thought
  - Byzantium and Europeans during the Middle Ages
  - International Relationships in Medieval Times
  - The Carpathian-Danubian-Pontic Area and the Great Migrations
  - Romanian Medieval Economy and its European Context
  - Political and Economic Groups in 20th century Europe
  - The Idea of Europe at the Peace Conferences (17th-19th
  - centuries)
  - The Theory of International Relationships: European Examples
  - The European Spirit at the Inter-Parliamentary Conferences
- **Major/Concentration:**
  - Embark on a captivating journey through the European History Unity program, where you'll unravel the mysteries of ancient times in Paleolithic Europe, exploring the rich tapestry of human cultures and behaviors. Immerse yourself in the roots of European civilization, tracing the captivating evolution of cultural foundations that shaped our collective heritage. Discover the artistic expressions of prehistoric Europe and delve into the captivating narratives of Romania's medieval towns, uncovering their intricate connections within the broader European context. Witness the emergence of Romanian medieval states, a dynamic exploration of historical narratives and urban dynamics. Navigate the captivating stories of Romanians and their evolving relationship with Europe in the 19th and 20th centuries, exploring identity dynamics and transformative journeys. Journey further into the Baltic Region, unraveling European synergies and regional dynamics that have shaped this unique part of the continent. Engage with the

methodology of scientific research, explore the complexities of European integration, and embark on practical research stages that provide hands-on insights into historical themes. The pinnacle of your academic odyssey involves crafting your dissertation thesis, contributing to the evolving narrative of European history with your specialized insights and analyses.

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Practical experience is a cornerstone of our program, immersing students in invaluable archaeological sites under the guidance of excavation leaders, who also hold professorial roles. This hands-on learning extends beyond excavation sites to encompass practical training in museums and county branches of the national archives.
6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
   - Extracurricular activities flourish within our dynamic student scientific circles, with the Constantin Preda circle dedicated to ancient history and the Nicolae Ciachir circle specializing in modern and contemporary history. These circles offer a stimulating environment for students to immerse themselves in their historical interests, fostering collaborative learning and enriching their academic journey. Students have the opportunity to further contribute to the scholarly community by participating in the activities of the Grigore Gafencu Research Center of History of International Relations and Cultural Heritage. This

integration allows them to engage in advanced research, expanding their academic horizons and contributing to the center's endeavors.
- Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**
    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in European History Unity.

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FACULTY OF LAW AND ADMINISTRATIVE SCIENCES

Faculty of Law and Administrative Sciences stands as a foundational pillar within Valahia University of Târgoviște, embodying a profound cultural legacy and the resurgence of the legal and administrative school in Romania's former capital during the transformative era of the early 1990s. Over nearly three decades, the Faculty has been a vanguard in cultivating experts in law and administrative sciences, with many ascending to influential positions in their respective fields, thus molding the professional landscape and shaping public discourse.

From its inception, the faculty has upheld a steadfast dedication to excellence and professionalism, championing a contemporary, high-quality educational process centered on the needs and outcomes of students. This commitment is underpinned by a highly qualified faculty and infrastructure that adheres to international standards. Currently, the Faculty offers two full-time undergraduate programs, a distance learning undergraduate program, and two master's programs, all meticulously designed to meet the dynamic demands of the labor market.

Beyond its primary educational role, the Faculty actively fosters an environment conducive to cutting-edge scientific research, addressing contemporary societal challenges. It takes pride in being a dynamic participant in the social fabric of the community.

Through strategic collaborations with esteemed educational institutions nationally and internationally, as well as partnerships with representative bodies of legal professions and the local community, the Faculty provides a learning environment that not only encourages performance and creativity but also facilitates direct engagement with the labor market and

involvement in applied activities. This holistic approach ensures the cultivation of successful careers for its graduates.

The Faculty of Law and Administrative Sciences, through its diverse processes and collaborative endeavors, remains resolutely committed to shaping a future generation of professionals equipped to thrive in a dynamic and ever-evolving world.

Bachelor Study Programmes

Law

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - **Undergraduate Level: Law**
        - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**
        - General Theory of Law
        - Roman Law
        - Civil Law
        - Constitutional Law and Political Institutions
        - Administrative Law
        - Criminal Law
        - Public International Law
        - Financial and Fiscal Law
        - European Union Law
        - Environmental Law

- Criminal Procedural Law
- Civil Procedural Law
- Labour and Social Security Law
- Commercial Law
- Private International Law
- International Trade Law
- Competition Law
- Banking Law
- Practice Skills
- Elaboration of Bachelor Paper

- **Electives:**
  - Organization and Ethics of the Legal Professions
  - Ethics and Academic Integrity
  - Economics
  - Accountancy
  - Foreign Language (English/French/Italian)
  - Legal Logic
  - Legal Informatics
  - Criminology
  - International Organizations and Relations
  - Rhetoric
  - Legal Philosophy
  - International Jurisdictions
  - Administrative Contract Law
  - Intellectual Property Law
  - Real Estate Advertising
  - Consumer Law
  - Transport and Insurance Law
  - Criminalistics
  - Criminal Law
  - Forensic Medicine
  - Communications and New Technologies Law
  - E.C.H.R. Relevant Case Law Concerning Romania

    - Notary Law
    - Civil Enforcement Law
    - Criminal Enforcement Law
- **Major/Concentration:**
    - Civil Law, Criminal Law, Procedural Law (Civil and Criminal), International and European Law, Trade Law, Labour Law
- **General Education Requirements:**
    - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 3 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 252 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Opportunities for internships or practical experience in the field of study within courts, prosecutor's offices, law offices, notary offices, bailiff offices, professionals, legal entities.
6. **Research Requirements:**
    - Each bachelor thesis will contain a theoretical part and a case study (theoretical or practical) in the field of specialization, under the guidance of a teaching staff.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific supervisor.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.

10. **Thesis/Dissertation Defense:**
    - The preparation of the Bachelor's Thesis is conducted under the guidance of a scientific coordinator.
    - The committee responsible for assessing the dissertation thesis is appointed by the decision of the rector and includes a president, three members, and a secretary, all of whom are specialized teaching staff.
    - In order to submit the thesis, each student must have accrued 252 ECTS from the mandatory and elected subjects.
11. **Graduation Requirements:**
    - Graduation requires students to fulfill all program requirements, including achieving the prescribed number of ECTS credits and successfully completing a final examination.
12. **Degree Awarding:**
    - Bachelor's Degree in Law.

Public Administration

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.

2. **Degree Levels:**
    - **Undergraduate Level: Public Administration**
        - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**
        - Economics
        - Constitutional Law
        - Administrative Law
        - Introduction Course to Law and State
        - Communications in Public Administration
        - Computer Science in Public Administration
        - Public Management
        - Civil Law
        - Administrative Court
        - Basics of International Law
        - Research Methodology for Administrative Sciences
        - Politics and Public Administration
        - Public Finances
        - Public Sector Accounting
        - Basics of Town Planning
        - European Union Law
        - Basics of Criminal Law
        - Public Policies
        - Ethics and Deontology in Public Administration
        - Basics of Court Proceedings
        - Labour and Social Security Law
        - Administration Science
        - Public Procurement
        - Normative Methods in Public Administration
        - Practice skills
        - Practice for the Preparation of the Bachelor's Thesis
    - **Electives:**
        - Modern Languages with Public Administration (English, French, Italian)

- History of Romanian Public Administration
- Logic of Administrative Action
- Sustainable Development and Environmental Protection
- Project Management
- Family Law and Civil Status Documents
- Financial and Tax Law
- Ethics and Academic Integrity
- Public Relations
- Specific Contracts
- Comparative Administrative Systems
- Competition Law
- Sociology
- E-government Basics
- National and European Regulations on Land
- Basics of Strategic Planning in Public Institutions
- Financial and Tax Control
- Fundamental Rights
- Human Resources Management in Public Administration
- Methods of Public Decision Making

- **Major/Concentration:**
  - Multidisciplinary and interdisciplinary program that brings together content areas from administrative sciences, legal sciences, management, European and comparative studies.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-2 for Physical Training and Sport, with a total of 184 ECTS required for graduation.

5. **Internships and Practical Experience:**
    - Opportunities for internships or practical experience in the field of study within central and local public institutions and authorities, professionals, legal entities, etc.
6. **Research Requirements:**
    - Each bachelor thesis will contain a theoretical part and a case study (theoretical or practical) in the field of specialization, under the guidance of a teaching staff.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific supervisor.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis/Dissertation Defense:**
    - The preparation of the Bachelor's Thesis is conducted under the guidance of a scientific supervisor.
    - The committee responsible for assessing the dissertation thesis is appointed by the decision of the rector and includes a president, three members, and a secretary, all of whom are specialized teaching staff.
    - In order to submit the thesis, each student must have accrued 184 ECTS from the mandatory and elected subjects.
11. **Graduation Requirements:**
    - Graduation requires students to fulfill all program requirements, including achieving the prescribed number of ECTS credits and successfully completing a final examination.
12. **Degree Awarding:**
    - Bachelor's Degree in Administrative Sciences.

Master Study Programmes

Business Law

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average for registered candidates is determined by:
        - The average score of the bachelor's exam or an equivalent exam, with a weight of 50%.
        - The grade achieved during the professional interview, also carrying a weight of 50%.
2. **Degree Levels:**
        - Master's Degree: 1-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Entrepreneurship and Innovation
        - European Labor Law
        - Methodology of Legal Scientific Research
        - Ethics and Academic Integrity
        - Taxation of Business Operations
        - European Business Law
        - Criminal Business Law

- Company Law
- Community Market: Competition versus Monopoly
- Commercial and Bankruptcy Jurisdiction
- Payment and Credit Instruments
- Specialty Practice
- Elaboration Stage of the Dissertation Paper

- **Electives:**
  - Capital Markets
  - Insolvency Proceedings
  - Commercial and Bankruptcy Jurisdiction
  - Payment and Credit Instruments
  - Electronic Commerce Law
  - Business Contracts
- **Major/Concentration:**
  - The major of this study program involves a thorough exploration of institutions in both public and private law, with a specific focus on their application in the realm of business. This includes an in-depth examination of legal frameworks and principles relevant to the business environment, fostering a comprehensive understanding of the legal intricacies governing commercial activities. Students engage in a detailed study of public and private law institutions, equipping them with the knowledge and expertise required to navigate the legal landscape in the context of business operations.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 60 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or hands-on experience in the field of study within commercial or business consulting entities

6. **Research Requirements:**
    - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific supervisor.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 60 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in Business Law.

European Public Administration

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.

- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**: The admission average for registered candidates is determined by:
  - The average score of the bachelor's exam or an equivalent exam, with a weight of 50%.
  - The grade achieved during the professional interview, also carrying a weight of 50%.

2. **Degree Levels:**
   - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     - European Relations and Organisations. European Integration Theories
     - A Comparative Overview of the Administrative Institutions
     - European Administrative Law
     - Ethics and Academic Integrity
     - The Decision-Making Process in the EU
     - The EU Civil Service
     - European Budget and Taxation
     - Personal Data Protection
     - European Institutions of Family Law
     - Management of Externally Funded Projects
     - The Legal Status of the European Funding
     - The Scientific Research Methodology
     - The Law of the Local Authorities in the European Union
     - European Protection of Human Rights
     - Public Sector Projects
     - Professional Legal Practice
     - Internship for the Preparation of the Dissertation

- **Electives:**
  - Digitization of Public Services
  - Public Ownership of the State and the Administrative-Territorial Units European Public Policies
  - Responsibility in the Exercising the Public Functions and Dignities
  - European Social Law
  - Administrative Agreements
  - Business Administration in the European Space
  - European Environmental Policies
- **Major/Concentration:**
  - Multidisciplinary and interdisciplinary program that brings together content areas from administrative sciences, legal sciences, management, European and comparative studies.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within central and local public institutions and authorities, professionals, legal entities.
6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific supervisor.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in European Public Administration.

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FACULTY OF ORTHODOX THEOLOGY AND EDUCATIONAL SCIENCES

The study program at the Faculty of Orthodox Theology and Educational Sciences is designed with a dual mission – to provide a comprehensive education for future clergy members and educators. Established in 1992, the faculty has evolved to incorporate a broader scope, reflected in its current name.

Mission and Vision:

Our faculty is driven by a dual mission – to provide a comprehensive education for future clergy members within the context of Orthodox theology and to foster an understanding of educational sciences that contributes to the broader societal needs. We envision a learning environment where academic excellence, moral principles, and spiritual values converge to shape well-rounded individuals.

Programs and Departments:

Established in 1992, our faculty has evolved to meet the changing demands of education. Currently named the Faculty of Orthodox Theology and Educational Sciences, we operate with two dynamic departments – the Department of Orthodox Theology and the Department of Educational Sciences. This structure allows us to offer diverse programs that cater to the needs of students interested in theology, education, and the intersection of the two.

Distinctive Features:

Comprehensive Theological Education: Our programs in Orthodox Theology provide students with a deep understanding of theological principles, history, and practice, preparing them for roles within the Church.

Educational Sciences Expertise: The Department of Educational Sciences equips students with the knowledge and skills necessary for addressing contemporary challenges in education, from pedagogical practices to educational leadership.

Moral and Spiritual Values: We place a strong emphasis on instilling moral and spiritual values, fostering an environment where students develop not only academically but also ethically and spiritually.

Engagement with Global Community: Through academic freedom and an open-minded approach, we encourage our students and faculty to actively engage with the global scientific and cultural community.

Research and Innovation:

Our faculty is committed to advancing knowledge through rigorous research. We have established research centers and student scientific circles that contribute to scholarly endeavors in Orthodox theology, educational sciences, and the intersection of the two areas.

Bachelor Study Programmes

Orthodox Pastoral Theology

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:

      The admission average of registered candidates is made up of:
        - Psychological examination (Pass/Fail)
        - Assessment of musical aptitudes (Pass/Fail)
        - Written examination – weight 50%;
        - Average of the baccalaureate exam – weight 50%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
        - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Church Music and Ritual
        - Fundamental Theology
        - Greek Language
        - History and Philosophy of Religions

- History of the Romanian Orthodox Church
- Homiletics
- Liturgical and Pastoral Practice
- Liturgical Theology
- Latin Language
- Moral Theology
- New Testament Studies
- Old Testament Studies
- Orthodox Canon Law: Legislation and Church Administration
- Orthodox Dogmatic and Fundamental Theology
- Orthodox Missiology
- Orthodox Spirituality
- Pastoral Theology
- Patrology and Patristic Literature
- Physical Education
- Practical Specialty
- Specialty Practice
- Spirituality of Byzantium
- Universal Church History

- **Electives:**
  - Christian Anthropology
  - Church Music and Ritual
  - History of Dogmas
  - History of Philosophy
  - Introduction to Scientific Research Methodology
  - Modern Language - English
  - Modern Language - French
  - Orthodox Catechetics
  - Orthodox Spirituality
  - Science and Religion
  - Spiritual Formation: History and Philosophy, Choral Ensemble, Pedagogy, Science and Religion

- **Major/Concentration:**
  - This program is designed to provide students with a comprehensive understanding of Orthodox Christian pastoral practices, theology, and ministry. Rooted in the rich traditions of the Orthodox Church, the curriculum explores the theological foundations of pastoral care, ethical considerations in ministry, liturgical practices, and the pastoral responsibilities within the community. Students engage in in-depth studies of Orthodox Christian teachings, sacraments, and pastoral counseling. Practical training and internships further equip students with the skills required for effective pastoral leadership, emphasizing the integration of theology and pastoral ministry in the contemporary world. The program aims to nurture spiritually grounded and ethically responsible individuals prepared for various pastoral roles within the Orthodox Christian community.
- **General Education Requirements:**
  - Effectively completing both compulsory courses and seminars.

4. **Credits:**
   - A minimum of 240 ECTS are needed to graduate, with 30 ECTS assigned to each semester.
5. **Internships and Practical Experience:**
   - Practical internships take place at the parishes of the students or within the municipality of Târgoviște, specifically at churches that have established practice agreements with the Faculty of Theology and Educational Sciences. These internships are conducted under the guidance of faculty members who serve as academic mentors. The aim is to provide students with hands-on experience in a real-world pastoral setting, fostering the application of theoretical knowledge under the guidance of experienced instructors.
6. **Research Requirements:**
   - Throughout their studies, students engage in research activities under the guidance of faculty members, either through seminar activities or participation in student scientific centers.

7. **Academic Advising:**
    - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
    - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Scientific activities such as conferences, roundtable discussions, and meetings with renowned specialists in the field, as well as interactions with potential employers, are periodically organized for students.
    - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. The grading system for a subject ranges from 10 to 1, with whole numbers assigned as marks. The minimum passing grade is 5, and the highest achievable mark is 10.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
11. **Graduation Requirements:**
    - Eligibility for the examination is open to graduates of the program who have accumulated 240 ECTS credits over the four years of study. The title of bachelor is conferred upon successfully passing the bachelor's examination, which consists of two components: (I) a written and oral test assessing fundamental and specialized knowledge, and (II) an oral examination involving the defense of the bachelor's thesis. Successful completion of both components is required to obtain the degree.
12. **Degree Awarding:**
    - Bachelor's Degree in Orthodox Pastoral Theology.

Pedagogy of Primary and Preschool Education

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:

      The admission average of registered candidates is made up of:
        - Eliminatory oral test (pass/fail):"Communication Skills and Aptitudes.;
        - Average of the baccalaureate exam – weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Curriculum Theory and Methodology
        - Early Education
        - Education Policy and Social Issues
        - Educational Psychology Fundamentals
        - Educational Research Methodology
        - Geography and Teaching Geography
        - History and Teaching History

- Language and Communication Teaching (Preschool)
- Literature for Children
- Romanian Language Teaching
- Literacy and Communication Teaching (Preschool)
- Management of Class/Group
- Mathematics Teaching (Primary and Preschool)
- Methodology of Research in Education Sciences
- Music and Teaching Music Education (Preschool and Primary)
- Pedagogy in Primary and Preschool Education
- Philosophy History
- Physical Education and Sport
- Physical Education and Psychomotor Education Teaching (Preschool and Primary)
- Practical Pedagogy - Primary Education
- Practical Pedagogy - Preschool Education
- Practical Pedagogy for Thesis Elaboration
- Science and Teaching Science (Preschool)
- Science and Teaching Science (Primary)
- Social and Educational Policies
- Special Psychopedagogy Fundamentals
- Spirituality Orthodoxy
- Teaching Methodology and Theory
- Teaching Methodology and Theory in Special Education
- Teaching Methodology of Technological Education
- Teaching of Romanian Language and Literature (Primary Education)
- Teaching of Technology Education
- Theology of Primary and Preschool Education
- Theory and Methodology of Assessment
- Theory and Methodology of Instruction
- Theory and Methodology of Curriculum
- Theory of Education
- Theory of History and Educational Paradigms
- Practical Teaching - Primary Education

- Practical Teaching - Preschool Education
- Practical Teaching in Primary Education
- Practical Teaching for Thesis Elaboration
- Fundamentals of Pedagogy
- Fundamentals of Psychology
- Fundamentals of Special Psychopedagogy
- Anthropology of Christianity
- Introduction to Early Childhood Education
- Romanian Language
- Literature
- Developmental Psychology
- Integration and Inclusion in Early Ages (Early Childhood Education and Primary Education)
- Play Psychopedagogy
- Psychology of Education
- Early Education
- Mathematics Teaching (Primary and Preschool)
- Practical Pedagogy for Primary Education
- Practical Pedagogy for Preschool Education
- Practical Pedagogy for Primary Education
- Psychology of Education
- Early Education
- Practical Teaching – Primary Education
- Practical Training for Thesis Development
- Pedagogy of Primary and Preschool Education
- Physical Education and Sport

- **Electives:**
  - Alternative Education
  - Coaching in Education
  - Comparative Pedagogy
  - Counseling in Education
  - Creative Psychopedagogy
  - Digital Education

- Educational Counseling
- Educational Ethics and Academic Integrity
- Educational Partnerships
- Educational Psychology of Communication
- Educational Strategies for Personal Development in Primary Education
- Educational Technologies for Smart Learning
- Educational Alternatives
- Emotional Education of Children
- Ethics and Academic Integrity
- Family Psychosociology
- French Language
- Intercultural Education
- Online Educational Resources
- Parental Education
- Protection and Assistance of Children's Rights
- Psychology of Family
- STEM Education in Primary Education
- Sociology of Education
- Teaching Activities in Extracurricular Contexts

- **Major/Concentration:**
  - The study program is designed to equip students with comprehensive knowledge and practical skills essential for effective teaching in primary and early childhood education settings. Through a combination of theoretical coursework and hands-on practical experiences, students delve into the foundational principles of pedagogy, child development, and educational methodologies. The program emphasizes the cultivation of effective communication and teaching skills, preparing educators to create engaging and developmentally appropriate learning environments.
- **General Education Requirements:**
  - Effectively completing both compulsory courses and seminars.

4. **Credits:**
    - A minimum of 240 ECTS are needed to graduate, with 30 ECTS assigned to each semester.
5. **Internships and Practical Experience:**
    - Practical internship unfolds in accredited educational units, guided by experienced teaching staff who serve as mentors specifically for primary education and early childhood education. This hands-on experience provides students with valuable insights into the dynamics of primary teaching and early education, facilitating a seamless transition from theory to practice.
6. **Research Requirements:**
    - Throughout their studies, students engage in research activities under the guidance of faculty members, either through seminar activities or participation in student scientific centers.
7. **Academic Advising:**
    - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
    - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Scientific activities such as conferences, roundtable discussions, and meetings with renowned specialists in the field, as well as interactions with potential employers, are periodically organized for students.
    - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. The grading system for a subject ranges from 10 to 1, with whole numbers assigned as marks. The minimum passing grade is 5, and the highest achievable mark is 10.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.

- Obtaining the approval of the scientific supervisor to present the bachelor thesis.

11. **Graduation Requirements:**
    - Eligibility for the examination is open to graduates of the program who have accumulated 240 ECTS credits over the four years of study. The title of bachelor is conferred upon successfully passing the bachelor's examination, which consists of two components: (I) a written and oral test assessing fundamental and specialized knowledge, and (II) an oral examination involving the defense of the bachelor's thesis. Successful completion of both components is required to obtain the degree.
12. **Degree Awarding:**
    - Bachelor's Degree in Pedagogy of Primary and Preschool Education.

Master Study Programmes

Contemporary Social and Ecumenical Doctrine of the Church

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

    Entrance Exams:
        - Oral Examination: defending an essay on a given topic (50% of the admission average).
        - Bachelor's Degree Exam Average (50% weight).

2. **Degree Levels:**
    - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Orthodoxy and Orthopraxy
        - Theology and Psychology
        - Social Aspects of Christian Mission
        - Culture, Ethics, and Academic Integrity
        - Dogmatic Foundations of Social Doctrine
        - Research Methodology
        - Value of Human Life
        - Social Development and Christian Pastoral Care
        - Orthodoxy and Ecumenism in Contemporary Context
        - Theology, Confession, and Ministry
        - Relationship between State and Church in Romania and Europe
        - Orthodox Doctrine and Social Issues in Contemporary World: An Interdisciplinary Perspective
        - Interreligious Dialogue and European Stability
        - Practice and Scientific Research
    - **Electives:**
        - Family Counseling
        - Community Social Assistance
        - Interconfessional Aspects of Church Social Assistance
        - Social Pedagogy
        - Migration Phenomenon and Family Pastoral Care
        - Counseling for Individuals in Difficulty
    - **Major/Concentration:**

      The programme is designed to explore the multifaceted dimensions of the church's role in the contemporary world. Students delve into the social teachings of the church, examining its engagement with contemporary societal challenges and ecumenical dialogues. The program aims to provide a comprehensive understanding of the church's ethical, social, and

ecumenical perspectives, fostering critical thinking and analytical skills. Through a combination of theoretical study and practical applications, students are equipped to navigate complex issues at the intersection of theology, society, and ecumenism. The major offers a holistic exploration of the church's response to contemporary issues, preparing students for meaningful contributions to both ecclesiastical and broader societal contexts.

- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation. An additional allocation of 10 ECTS is designated for the dissertation exam.
5. **Internships and Practical Experience:**
   - Practical internships occur at religious institutions in Targoviste and beyond, offering students invaluable hands-on experience in a genuine pastoral setting. Guided by faculty members serving as academic mentors, these internships aim to bridge theoretical knowledge with practical application, providing students with a real-world understanding of their studies under the seasoned guidance of experienced instructors.
6. **Research Requirements:**
   - In order to meet the criteria for presenting their master's dissertation, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
   - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
   - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
   - Scientific activities such as conferences, roundtable discussions, and meetings with renowned specialists in the field, as well as interactions with potential employers, are periodically organized for students.

- Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
    - The evaluation of learning outcomes is conducted in various ways, tailored to the specific nature of each discipline. Among the types of assessments employed are examinations, colloquiums, and ongoing progress checks. This diversified approach to evaluation ensures a comprehensive understanding of students' comprehension and mastery of the subject matter, promoting a holistic assessment methodology.
10. **Thesis Defense:**
    - Prior to defending the dissertation before a committee, a crucial initial step involves subjecting the work to a thorough plagiarism check using specialized software.
    - The dissertation must encompass all required content chapters, ensuring scientific rigor, accurate calculations, and conclusions grounded in evidential data. The presentation should be clear, demonstrating the graduate's professional knowledge and transversal abilities.
11. **Graduation Requirements:**
    - To fulfill program requirements, students must earn 120 ECTS by passing exams in all outlined disciplines. The culmination of their academic journey involves defending a dissertation during the final examination.
12. **Degree Awarding:**
    - Master's Degree in Contemporary Social and Ecumenical Doctrine of the Church.

Doctrine-Science-Mission

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.

- Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

Entrance Exams:

- Oral Examination: defending an essay on a given topic (50% of the admission average).
- Bachelor's Degree Exam Average (50% weight).

2. **Degree Levels:**
   - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     - Biblical Themes in Light of Current Scientific Research
     - Central Themes of Biblical Theology
     - Central Themes of Christian Doctrine and Contemporary World Issues from an Interdisciplinary Perspective
     - Christian Spirituality Coordinates
     - Culture, Ethics, and Academic Integrity
     - Cult, Dogma, Knowledge
     - Knowledge of God and Current Scientific Research
     - Methodology of Research
     - Mission of the Church and Ecumenical Openness in Contemporary Context
     - New Discoveries in Science and Theological Vision of the World
     - Pastoral Issues in Contemporary Parish Life
     - Practice and Scientific Research
     - Religion Between Pluralism and Relativism in Democratic Society

- Worship, Dogma, Knowledge
- **Electives:**
  - Christian Anthropology Elements
  - Christian Bioethics Elements
  - Dialogue between Religions in the Context of Current Challenges
  - Psychology of Ages
  - Religion and Science
  - Rhetoric
  - Fundamental Themes of Bioethics
- **Major/Concentration:**

  The programme offers a comprehensive exploration of contemporary theological perspectives, examining the dynamic interplay between doctrine, science, and mission within the context of the modern world. Students engage in advanced studies, delving into theological doctrines that shape religious discourse, exploring the intersection of theology with scientific advancements, and addressing the evolving challenges of mission in a globalized society. Through an integrated approach, this program equips students with the knowledge and skills needed to navigate the intricate intersections of theology, scientific inquiry, and the mission of religious communities in the contemporary context.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation. An additional allocation of 10 ECTS is designated for the dissertation exam.
5. **Internships and Practical Experience:**
   - Practical internships occur at religious institutions in Targoviste and beyond, offering students invaluable hands-on experience in a genuine pastoral setting. Guided by faculty members serving as academic mentors, these internships aim to bridge theoretical knowledge with practical application, providing students

with a real-world understanding of their studies under the seasoned guidance of experienced instructors.

6. **Research Requirements:**
    - In order to meet the criteria for presenting their master's dissertation, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
    - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Scientific activities such as conferences, roundtable discussions, and meetings with renowned specialists in the field, as well as interactions with potential employers, are periodically organized for students.
    - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The evaluation of learning outcomes is conducted in various ways, tailored to the specific nature of each discipline. Among the types of assessments employed are examinations, colloquiums, and ongoing progress checks. This diversified approach to evaluation ensures a comprehensive understanding of students' comprehension and mastery of the subject matter, promoting a holistic assessment methodology.
10. **Thesis Defense:**
    - Prior to defending the dissertation before a committee, a crucial initial step involves subjecting the work to a thorough plagiarism check using specialized software.
    - The dissertation must encompass all required content chapters, ensuring scientific rigor, accurate calculations, and conclusions grounded in evidential data. The presentation should be clear, demonstrating the graduate's professional knowledge and transversal abilities.

11. **Graduation Requirements:**
    - To fulfill program requirements, students must earn 120 ECTS by passing exams in all outlined disciplines. The culmination of their academic journey involves defending a dissertation during the final examination.
12. **Degree Awarding:**
    - Master's Degree in Contemporary Social and Ecumenical Doctrine of the Church.

Educational Management and Curricular Development

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

    Entrance Exams:
        - Oral Examination: defending an essay on a given topic (50% of the admission average).
        - Bachelor's Degree Exam Average (50% weight).
2. **Degree Levels:**
        - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Communication Management in Educational Organizations

- Crisis and Risk Management in Education
- Culture, Ethics, and Academic Integrity
- Curriculum Development and Educational Policies in the European Context
- Dissertation Preparation
- Educational Legislation and Study Documents
- Educational Organizations Management
- Human Resource Management and Professional Development
- Inclusion and Social Justice Management in Education
- Management of Educational Programs and Projects
- Quality Management in Education
- Research Methodology in Education
- Teaching Process Management and School Inspection
- Virtual Environments in Modern Education

- **Electives:**
  - Educational Leadership
  - Strategic Management
  - Management of Non-formal Education
  - Stress Management
- **Major/Concentration:**

  The programme is designed to equip students with advanced knowledge and skills in effectively managing educational institutions and enhancing curriculum development. Through a comprehensive curriculum, students delve into the principles of educational leadership, organizational behavior, and strategic planning. Special emphasis is placed on the latest trends and innovations in educational management, preparing students to address contemporary challenges in the field. The program integrates theoretical insights with practical applications, fostering critical thinking and decision-making abilities. Additionally, students engage in research projects, ensuring a deep understanding of curricular development processes. Graduates emerge with the expertise to lead educational institutions, implement curriculum enhancements, and contribute to the ongoing evolution of educational practices.

- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation. An additional allocation of 10 ECTS is designated for the dissertation exam.
5. **Internships and Practical Experience:**
   - The practical internships unfold in accredited educational institutions under the guidance of experienced educators who serve as mentors in the field of educational sciences. This hands-on experience provides students with the opportunity to apply theoretical knowledge in real-world educational settings. Through direct mentorship, students gain insights into effective teaching methods, classroom management, and educational strategies. This practical component is integral to bridging the gap between theoretical learning and practical application, ensuring that students are well-prepared for the dynamic challenges of the educational landscape.
6. **Research Requirements:**
   - In order to meet the criteria for presenting their master's dissertation, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
   - Students have access to tutoring programs and academic guidance, as well as professional counselling and career orientation provided by professors and specialists in the field of psychology within the university. This comprehensive academic support aims to enhance students' learning experience and assist them in making informed decisions regarding their academic and professional paths.
   - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
   - The dissertation thesis is also supervised by a scientific supervisor.

8. **Extracurricular Activities:**
    - Scientific activities such as conferences, roundtable discussions, and meetings with renowned specialists in the field, as well as interactions with potential employers, are periodically organized for students.
    - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The evaluation of learning outcomes is conducted in various ways, tailored to the specific nature of each discipline. Among the types of assessments employed are examinations, colloquiums, and ongoing progress checks. This diversified approach to evaluation ensures a comprehensive understanding of students' comprehension and mastery of the subject matter, promoting a holistic assessment methodology.
10. **Thesis Defense:**
    - Prior to defending the dissertation before a committee, a crucial initial step involves subjecting the work to a thorough plagiarism check using specialized software.
    - The dissertation must encompass all required content chapters, ensuring scientific rigor, accurate calculations, and conclusions grounded in evidential data. The presentation should be clear, demonstrating the graduate's professional knowledge and transversal abilities.
11. **Graduation Requirements:**
    - To fulfill program requirements, students must earn 120 ECTS by passing exams in all outlined disciplines. The culmination of their academic journey involves defending a dissertation during the final examination.
12. **Degree Awarding:**
    - Master's Degree in Educational Management and Curricular Development.

Teaching Strategies for Effective Communication and Learning

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

    Entrance Exams:
        - Oral Examination: defending an essay on a given topic (50% of the admission average).
        - Bachelor's Degree Exam Average (50% weight).
2. **Degree Levels:**
        - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

        Mandatory courses that all students in the program must take:
        - Communication Psychology
        - Cultural, Ethical, and Academic Integrity
        - Didactic Communication
        - Educational Counseling
        - Education and Equal Opportunities
        - Educational Psychology of Development
        - Emotional Intelligence in Education
        - Innovative Teaching Methods
        - Learning Models: Applied Approach

- Multicultural School
- Practical Research
- Professional Practice
- Research Methodology in Educational Sciences
- School Group Psychosociology
- Teaching and Learning Environments
- The Psychology of Communication
- Effective Learning Methods and Techniques
- Innovative Didactics in the Instructional Process
- Creativity and Learning
- Practical Work for Dissertation Development

- **Electives:**
  - Critical Thinking Development
  - Educational Practices
  - Educational Partnerships
  - Individualization of Instruction
  - Inclusive Education
- **Major/Concentration:**

  The academic curriculum of this program is meticulously crafted to endow students with a comprehensive skill set encompassing educational communication and innovative learning methodologies. Delving into a dynamic course structure, students critically examine strategies to cultivate effective communication within educational environments and enhance learning outcomes. The program places significant emphasis on synthesizing theoretical knowledge with practical application, fostering adeptness in navigating the continually evolving landscape of educational practices.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation. An additional allocation of 10 ECTS is designated for the dissertation exam.
5. **Internships and Practical Experience:**
    - The practical internships unfold in accredited educational institutions under the guidance of experienced educators who serve as mentors in the field of educational sciences. This hands-on experience provides students with the opportunity to apply theoretical knowledge in real-world educational settings. Through direct mentorship, students gain insights into effective teaching methods, classroom management, and educational strategies. This practical component is integral to bridging the gap between theoretical learning and practical application, ensuring that students are well-prepared for the dynamic challenges of the educational landscape.
6. **Research Requirements:**
    - In order to meet the criteria for presenting their master's dissertation, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
    - Students have access to tutoring programs and academic guidance, as well as professional counseling and career orientation provided by professors and specialists in the field of psychology within the university. This comprehensive academic support aims to enhance students' learning experience and assist them in making informed decisions regarding their academic and professional paths.
    - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Scientific activities such as conferences, roundtable discussions, and meetings with renowned specialists in the field, as well as interactions with potential employers, are periodically organized for students.

- Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
    - The evaluation of learning outcomes is conducted in various ways, tailored to the specific nature of each discipline. Among the types of assessments employed are examinations, colloquiums, and ongoing progress checks. This diversified approach to evaluation ensures a comprehensive understanding of students' comprehension and mastery of the subject matter, promoting a holistic assessment methodology.
10. **Thesis Defense:**
    - Prior to defending the dissertation before a committee, a crucial initial step involves subjecting the work to a thorough plagiarism check using specialized software.
    - The dissertation must encompass all required content chapters, ensuring scientific rigor, accurate calculations, and conclusions grounded in evidential data. The presentation should be clear, demonstrating the graduate's professional knowledge and transversal abilities.
11. **Graduation Requirements:**
    - To fulfill program requirements, students must earn 120 ECTS by passing exams in all outlined disciplines. The culmination of their academic journey involves defending a dissertation during the final examination.
12. **Degree Awarding:**
    - Master's Degree in Teaching Strategies for Effective Communication and Learning.

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TARVIS NELLA VALACHIA

FACULTY OF POLITICAL SCIENCE, LETTERS AND COMMUNICATION

Faculty of Political Science, Letters, and Communication stands as a relatively recent addition to the academic landscape. Despite its recent establishment, the faculty brings together disciplines with a rich legacy, including Journalism and Romanian Language and Literature/Modern Language and Literature (English/French).

This academic institution addresses contemporary societal needs by offering two undergraduate and three master's programs in Letters and Communication. The faculty's commitment to excellence is evident in its distinguished teaching staff, consisting of nationally and internationally recognized specialists. Their educational and research approach underscores the importance of interdisciplinary perspectives, civic engagement, freedom, creativity, and democratic values.

The educational mission of the Faculty of Political Science, Letters, and Communication extends beyond imparting knowledge; it aims to provide graduates with an exceptional education, a robust knowledge base, and the skills necessary for a successful career.

The faculty's dedication to quality is evident in the periodic evaluations conducted by the Romanian Agency for Quality Assurance in Higher Education, resulting in accreditation for all study programs—both at the undergraduate and master's levels. Through these initiatives, the faculty seeks to empower its students with a comprehensive and accredited education, facilitating their access to diverse employment opportunities and preparing them for successful and fulfilling careers.

Preparatory Year of Romanian Language

Preparatory Year of Romanian Language

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Conditional on obtaining the Letter of Acceptance issued by the Ministry of Education: https://www.edu.ro/studenti%20non%20ue
        - EU Citizens + Swiss Confederation - Conditional on the recognition of studies by CNRED: https://cnred.edu.ro/en/home-4
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Online interview - weight 100%.
2. **Degree Levels:**
    - Preliminary to Bachelor, Master and Doctoral's Degrees: 1-year program.
3. **Curriculum:**
    - **Core Courses:**
      Mandatory courses that all students in the program must take:
        - Romanian culture and civilization
        - Practical Romanian language course: phonetics, vocabulary, grammatical structures
        - Practical Romanian language course: oral and written communication
        - Practical Romanian language course: comprehension of oral and written texts
        - Practical Romanian language course: writing and composition
    - **Electives:**
        - Lexical-grammatical and syntactic structures of the Romanian language
        - Specialized language in Humanities, Engineering, Economics, Law, Social Sciences.

- **Major/Concentration:**

  The Preparatory Program of Romanian Language for Foreign Students is part of the Faculty of Political Sciences, Letters and Communication, the Letters Department, "Valahia" the University of Târgovişte, and has a duration of 2 semesters (28 weeks, 60 credits). The program is designed to enable international students to acquire and develop their communication skills and aims at:

  - Familiarizing foreign students with the Romanian language system from a functional perspective;
  - Familiarizing foreign students with defining aspects of Romanian culture and civilization;
  - Assimilating the Romanian language vocabulary and basic grammatical structures;
  - Shaping the foreign students' communication skills (in reading, writing, listening, and speaking in Romanian);
  - Developing communication skills in various communication situations;
  - Acquiring the essential concepts of basic specialized languages (economic sciences, engineering, biological and biomedical sciences, social sciences, etc.), at the minimum B1 level, according to the Common European Framework of Reference for Languages (CEFR), formulated by the Council of Europe.

  The program curriculum includes fundamental and specialized subjects, according to the aims set: Romanian culture and civilization, Practical Romanian language courses, Lexical-grammatical and syntactic structures of the Romanian language, Specialized language.

  The program also promotes intercultural communication, given the ethnic composition of the group of students, thus contributing to a better understanding of various cultures and to the development of teamwork in the context of diversity.

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 60 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Valahia University of Targoviste offers numerous internship opportunities for students during their studies.
6. **Research Requirements:**
    - Students have the opportunity to actively engage in research activities conducted within our research centers and the Institute of Multidisciplinary Research for Science and Technology.
7. **Academic Advising:**
    - The study program is supervised by a dedicated tutor, and students receive support from both the Office of International Relations and the Department of Foreign Language Studies.
8. **Extracurricular Activities:**
    - Students may have the option to participate in student circles, clubs, organizations, or extracurricular activities related to their field of study or personal interests. Discover and Connect to Valahia University of Targoviste: International Student Welcome and Cultural Exploration Week is organized for international students at the beginning of each academic year.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful passing of the language proficiency assessment exam for the minimum B1 level, as defined according to the Common European Framework of Reference for Languages.
11. **Degree Awarding:**
    - Certificate of Romanian language, B1 level.

Bachelor Study Programmes

Journalism

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - The fundamentals of communication
        - Photojournalism
        - Writing skills
        - The fundamentals of public relations
        - Newspaper/magazine designing and editing
        - Multimedia techniques
        - Audio-visual broadcasting designing and editing
        - Production of news broadcasting (Radio/TV)
        - Public relations materials editing

- **Electives:**
  - Social journalism
  - Political journalism
  - Economic journalism
  - Radio journalism
  - TV journalism
  - The designing and developing of a publication
  - Journalism and social media
  - Promotional strategies in journalism
- **Major/Concentration:**
  - This programme appears to be what we call a "sought-after" field of specialization in the Romanian academics in general, and in Târgoviște, in particular. It feels natural since the world we live in is, above all, a world of communication. This degree programme ensures that its graduates will, first of all, acquire communication abilities. Moreover, the graduates are amongst the most "mobile" university graduates in EU. And that is because the degree programme, through its courses, offers students a certain amount of knowledge from the curriculum area of social sciences such as: Philosophy, Political Sciences, Sociology, Electoral Analysis, Marketing, Anthropology etc.
  - Graduates may apply for a variety of jobs, from those strictly related to the mass-media field of study, such as radio and TV editor, reporter, editor, broadcast director, copywriter, journalist in print media, photojournalist, to jobs in the public area – spokespersons for public institutions, media advisors, political analyst, cultural analyst.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.
  - Participating in physical education and sports are integral components of a well-rounded academic experience.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - For pedagogical practice, our program establishes collaborative protocols with schools and high schools in Târgoviște. This strategic partnership allows our students to engage in meaningful teaching experiences, applying their geographical knowledge in an educational context and fostering a symbiotic relationship with the local academic community.
6. **Research Requirements:**
    - Compilation of the Bachelor thesis.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    - Students may have the option to participate in student circles, clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 188 ECTS credits throughout the program.
    - The completion of the bachelor's thesis involves collaborative planning with the designated coordinator. Subsequently, students are responsible for submitting both hard and digital copies, registering for the final examination. This process occurs in the second semester of the third year, meeting the deadline set by the secretariat and the department. To ensure a smooth workflow, students are encouraged to complete this submission at least 15

days before the exam period. Importantly, the coordinator's favorable opinion is a prerequisite for the acceptance of the bachelor's thesis.

11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor in Journalism.

Romanian Language and Literature – Modern Language and Literature (English/French)

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    i. Bachelor's Degree: 3-year program.
3. **Curriculum:**
    a. **Core Courses:**
      Mandatory courses that all students in the program must take:
        - Contemporary Romanian Language
        - History of Romanian Literature

- Contemporary English/French Language (Morphology, Syntax, Semantics, Pragmatics)
- English/French Literature and Civilization
- Practical courses – modern languages (translation, text interpretation, written expression, oral expression)
- Introduction to Linguistics
- Literary Theory
- Universal and Compared Literature

b. **Electives:**

i. Etnology and Folklore
ii. Theory of Genres
iii. Digitalized Teaching Techniques
iv. Literary and Stylistic Analysis
v. Types of Discourse
vi. History of the Romanian Language and Elements of Dialectology
vii. Myths and Literature
viii. Elements of Phraseology
ix. General Semiotics
x. Varieties (Territorial) of Language
xi. History of Literary Romanian Language
xii. Theories of the Reception of Literary Text
xiii. Performing Arts
xiv. Contrastive Analysis (Romanian-French/English)
xv. Discourse Linguistics (French/English)
xvi. Evolution of the French Novel in the 19th and 20th Centuries
xvii. Views - The Sense of Nature in French Poetry
xviii. Postcolonial British Novel
xix. Postmodern English Novel
xx. Language Sciences
xxi. Communication Theory. Oral and Written Communication
xxii. Romanian Exile Literature
xxiii. Pragmatics (Romanian)
xxiv. Elements for a Typology of Discourses (French/English)

xxv. From Phrastic Level to Transphrastic Level (French/English)
xxvi. Francophone Spaces (French)
xxvii. Poetics of the Short Story (French)
xxviii. Feminine/Feminist Literature (English)
xxix. American Literature (English)

c. **Major/Concentration:**
   i. This Bachelor's Programmes is centred upon offering full training in the field of Philology to young people who wish to get a specialization in the study of Romanian language and of a foreign language (English or French). The variety of disciplines which are being taught by professors holding a long and experienced training will allow candidates to evolve into specialists capable of successfully integrating in society and on the labour market, of adapting to various professions that are accessible to them precisely because of the wide range of competences that the study programme creates and develops.
   ii. Our graduates could easily apply for jobs such as: primary and secondary school teachers (provided they also take the courses for the psycho-pedagogical module), research assistant in Philology, counsellor for public institutions, text correction specialist, copywriter in advertising, press correspondent, radio correspondent, editor, philologist, literary reader, external relations referent, literary secretary, translator, diplomatic relations interpreter, flight attendant, publicist, reporter, special correspondent, secretary in an institution of a faculty, assistant manager, language consultant (all these are professions according to the COR system of evaluation).

d. **General Education Requirements:**
   i. Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.
   ii. Participating in physical education and sports are integral components of a well-rounded academic experience.

4. **Credits:**
    a. Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
    a. For pedagogical practice, our program establishes collaborative protocols with schools and high schools in Târgoviște. This strategic partnership allows our students to engage in meaningful teaching experiences, applying their geographical knowledge in an educational context and fostering a symbiotic relationship with the local academic community.
6. **Research Requirements:**
    a. Compilation of the Bachelor thesis.
7. **Academic Advising:**
    a. The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    a. Students may have the option to participate in student circles, clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    a. Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

The prerequisites for defending a Bachelor thesis before a committee include:

- Attainment of 188 ECTS credits throughout the program.
- The completion of the bachelor's thesis involves collaborative planning with the designated coordinator. Subsequently, students are responsible for submitting both hard and digital copies, registering for the final examination. This process occurs in the second semester of the third year, meeting the deadline set by the secretariat and the department. To ensure a smooth workflow, students are encouraged to complete this submission at least 15

days before the exam period. Importantly, the coordinator's favorable opinion is a prerequisite for the acceptance of the bachelor's thesis.

11. Graduation Requirements:

a. Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.

12. Degree Awarding:

a. Bachelor in Romanian Language and Literature – Modern Language and Literature (English/French).

Master Study Programmes

Institutional Communication

1. **Admission Requirements:**
   - **Prerequisites**:
     - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
     - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
     - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
   - **Entrance Exams**:
     The admission average for registered candidates is determined by:
     - The average score of the bachelor's exam or an equivalent exam, with a weight of 50%.
     - The grade achieved during the professional interview, also carrying a weight of 50%.
2. **Degree Levels:**
   - Master's Degree: 2-years program following a bachelor's degree.

3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Institutional communication
        - Organisational sociology
        - Institutional promotion strategies
        - Institutional leadership
        - Applied public relations. Non-governmental institutions
        - Management of crisis communication
        - Rhetoric and public speech
        - Applied public relations. Administrative institutions
    - **Electives:**
        - Applied Public Relations: Non-Governmental Institutions
        - Applied Public Relations: Cultural Institutions
        - Applied Public Relations: Political Institutions
        - Applied Public Relations: Administrative Institutions
    - **Major/Concentration:**
        - This master's programme offers to those interested the opportunity to deepen the knowledge of communication mechanisms at institutional and organizational level. The curriculum is designed in such a way as to ensure the communication skills needed both in public and non-governmental institutions and private ones, thus offering a solid theoretical openness, which allows graduates to understand the subtle strategies of the internal communication within organisations, and to design messages promoting the organisation's image or messages of public interest.
        - This master's programme comes with a strong applied dimension and is designed in close connection with the requirements and trends of the labour market. The courses are taught by experienced professors in the field of public communication and mass-media. The courses offer an optimal professional openness for the consolidation and improvement of previously acquired knowledge, but also for the nuanced understanding of the different communication situations by applying

qualitative and quantitative methods. During the seminars, the students have the opportunity to explore the problematic aspects of the institutional communication, the practical solutions for counselling and consultancy adjusted for the debated case studies.

- By applying for jobs such as public relations specialist, lobby activities specialist, spokesperson, the future specialists in institutional communication will be able to manage successfully counselling activities within organizations, they will be able to solve internal crises by the use of dialogue and negotiation, create proper communication channels between departments, and design and implement external communication strategies, draw up impact messages for a various public, ensuring its visibility.

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or hands-on experience in institutional communication.
6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific supervisor.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**
    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in Institutional Communication.

Journalism and European Cultural Studies

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average for registered candidates is determined by:
        - The average score of the bachelor's exam or an equivalent exam, with a weight of 50%.

- The grade achieved during the professional interview, also carrying a weight of 50%.

2. **Degree Levels:**
   - Master's Degree: 2-years program following a bachelor's degree.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     - Cultural journalism
     - Identity and Europeanisation. Cultural anthropology studies
     - Communication strategies and journalistic practices within the European public sphere
     - Mental structures and ideologies in contemporary Europe
     - Hermeneutics and communication. Discursive orientations in the context of globalization
     - Cultural cooperation and multicultural dialogue within European space
     - Contemporary culture and civilization
     - Cultural projects management
   - **Electives:**
     - Cultural Projects Management
     - Cultural Practices and Politics
   - **Major/Concentration:**
     - Situated right at the interdisciplinary border between communication sciences and cultural anthropology, this master's programme sets itself to train undergraduates from the fields of communication, philology, history, philosophy and not only those.
     - The disciplines in the learning plan are designed in such a way as to offer students a multidisciplinary training suited to offer them higher chances of employment. It is quite an 'en vogue' master's programme due also to the present European cultural context, which is a context in which communication, cultural diversity and multiculturalism represent the core of existence. This graduates from this master's programme could easily apply for the same jobs as those of their initial formation, the

difference being that, along with the newly acquired competences, they could also aim for top management positions.

- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or hands-on experience in institutional communication.
6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific supervisor.
8. **Extracurricular Activities:**
   - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in Journalism and European Cultural Studies.

Multilingualism and Interculturality in European Context

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average for registered candidates is determined by:
        - The average score of the bachelor's exam or an equivalent exam, with a weight of 50%.
        - The grade achieved during the professional interview, also carrying a weight of 50%.
2. **Degree Levels:**
    - Master's Degree: 2-years program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Identity and alterity within the Romanian space
        - Multilingualism and minority languages in Romania
        - Contemporary identity discourse
        - European Latinity and Romanity
    - **Electives:**
        - Analysis of Specialized Discourse
        - Critical Analysis of Discourse
        - Identity and Otherness in the Romanian Space

- Multilingualism and Minority Languages in Romania
- Techniques for Interpreting Literary Text
- Terminology and Standardization in European Scientific Communication
- The Writer in Exile
- The Writer Under Dictatorship

- **Major/Concentration:**
  - This master's programme sets itself to open up new perspectives for bachelor graduates, based on a learning plan that proposes disciplines which are indispensable to an inter- and transdisciplinary approach for their field of study. What we set forth with this programme is a harmonious coming together of theoretical foundations and applied activities, familiarising students with new working tools and techniques, aiming at deepening their previous knowledge of language and literary studies, in view of acquiring new competences in a comparative and multidisciplinary endeavour. All these aim at preparing specialists able to exercise professional activities in fields such as pre-university education, research (integrating a doctorate), book editing, journalism, administration, etc.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or hands-on experience in institutional communication.
6. **Research Requirements:**
   - Compilation of the Master's Dissertation Thesis.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Master's Dissertation Thesis is conducted under the guidance of a scientific supervisor.

8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Dissertation Defense:**

    The prerequisites for defending a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the dissertation.
12. **Degree Awarding:**
    - Master's degree in Multilingualism and Interculturality in European Context.

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Jurnalism

FACULTY OF SCIENCES AND ARTS

Faculty of Sciences and Arts at Valahia University is a dynamic hub that seamlessly integrates the realms of sciences and arts, delivering a comprehensive education to our students. Committed to excellence, our Bachelor Study Programs in Chemistry, Mathematics-Informatics, and Physics are designed to instill a profound grasp of fundamental principles while nurturing scientific talents and honing critical thinking skills. Our mission is to empower students with a versatile skill set that transcends traditional boundaries, fostering well-rounded individuals. The Music study program further enriches our community by cultivating artistic creativity and talents that inspire.

In our Master Study Programs, including Fundamental Mathematics for Education and Physical-Chemical Analytical Methods for Life and Environmental Quality, we aim to propel specialized knowledge and expertise to new heights. Emphasizing cutting-edge research, practical applications, and the development of advanced skills, these programs prepare students for success in diverse professional arenas. The Musical Education program focuses on training specialists who will not only educate in the field but also showcase their abilities on the musical stage.

Through innovative teaching methodologies, a faculty dedicated to excellence, and a vibrant learning community, the Faculty of Sciences and Arts seeks to inspire intellectual curiosity and foster interdisciplinary collaboration. We are dedicated to equipping our graduates with the knowledge and skills needed to thrive in an ever-evolving global landscape. Our commitment to academic excellence is evident in the comprehensive and forward-looking nature of our study programs, ensuring that our students emerge as well-prepared, adaptable, and forward-thinking contributors to the fields of sciences and arts.

Bachelor Study Programmes

Chemistry

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
        - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - General Chemistry
        - Qualitative Analytical Chemistry
        - Math
        - Physics
        - The Chemistry of Non-Metals
        - Quantitative Analytical Chemistry
        - Basics of Organic Chemistry

- Informatics
- The Chemistry of Metals
- Organic Chemistry – Simple Functions
- Chemical Thermodynamics
- Instrumental Analysis
- Organic Chemistry - Mixed Functions and Heterocyclic Compounds
- Chemical Kinetics
- The Physical-Chemical Bases of Chemical Technology
- Colloid Chemistry
- Chemical Technology
- Catalysis
- Macromolecular Compounds

- **Electives:**
  - Coordinative Chemistry/Advanced Technics on Instrumental Analysis
  - Materials Chemistry /Synthesis of Biologically Active Compounds
  - Spectroscopy and Lasers /Detectors, Dosimetry and Radioprotection
  - Information Transmission Through Optical Fiber/Ethics and Academic Integrity
  - Environmental Physics /Earth and Atmospheric Physics
  - Plasma Physics /Elementary Particles
  - Electronics Physics/ Applied Nanotechnologies in Biophysics
  - Networks Computers / Data Basis
  - Biochemistry / Ethics and Academic Integrity
  - Natural Compounds /Chemistry of Pharmaceuticals, Structure-Biological Activity Relation
  - Electrochemistry / Photochemistry
  - Reaction Mechanisms /Quality Assurance and Standardization
  - Organometallic Compounds / Analysis Traces
- **Major/Concentration:**
  - The program offers a comprehensive and dynamic curriculum designed to provide students with a strong foundation in various branches of chemistry and related scientific disciplines. It encompasses a wide range

of courses, ensuring a well-rounded education and preparing students for diverse career paths and further academic pursuits.

- **General Education Requirements:**
  - Effectively completing both compulsory courses and seminars.

4. **Credits:**
   - A minimum of 180 ECTS are needed to graduate, with 30 ECTS assigned to each semester.
5. **Internships and Practical Experience:**
   - Engaging in practical stages and internships provides invaluable hands-on experience and a real-world perspective. These opportunities offer a dynamic platform for students to apply theoretical knowledge in professional settings, fostering a bridge between academic learning and practical implementation.
6. **Research Requirements:**
   - In order to meet the criteria for presenting their bachelor's thesis, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
   - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
   - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. The grading system for a subject ranges from 10 to 1, with whole numbers assigned as marks. The minimum passing grade is 5, and the highest achievable mark is 10.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.

- Obtaining the approval of the scientific supervisor to present the bachelor thesis.

11. **Graduation Requirements:**
    - Graduation requires meeting all program criteria, which include completing the necessary credit hours, passing the final Bachelor exam, and successfully defending the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree in Chemistry.

Mathematics-Informatics

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
        - Bachelor's Degree: 3-year program.

3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Real Analysis (Measure Theory)
        - Ordinary differential Equations
        - The Architecture of Computer Systems
        - Data Structures
        - Mathematical Modeling
        - Complex Analysis
        - Probability Theory
        - Formal Languages and Automata
        - Database Systems
        - Theoretical Mechanics
        - Number Theory
        - Functional Analysis
        - General Topology
        - Advanced Programming Techniques Differential Geometry
        - Computer Networks
        - Artificial Intelligence
    - **Electives:**
        - WEB Technologies / Statistics
        - Numerical Analysis / Scientific computing
        - Elements of Approximation Theory / Ethics and Academic Integrity
        - Applied Geometry/ Astronomy
        - Elements of Group Theory / Distributions Theory
        - Elements of Nonlinear Analysis / Mathematical Software
    - **Major/Concentration:**
        - The Mathematics-Informatics study program offers a rigorous and interdisciplinary curriculum, seamlessly integrating theoretical mathematical concepts with practical applications in the field of informatics. The Mathematics-Informatics study program aims to produce graduates who are well-equipped with a solid mathematical

foundation, strong programming skills, and the ability to apply these skills in diverse informatics contexts. This interdisciplinary approach prepares students for a range of careers, from software development and data analysis to research in emerging fields at the intersection of mathematics and informatics.

- **General Education Requirements:**
  - Effectively completing both compulsory courses and seminars.

4. **Credits:**
   - A minimum of 180 ECTS are needed to graduate, with 30 ECTS assigned to each semester.
5. **Internships and Practical Experience:**
   - Engaging in practical stages and internships provides invaluable hands-on experience and a real-world perspective. These opportunities offer a dynamic platform for students to apply theoretical knowledge in professional settings, fostering a bridge between academic learning and practical implementation.
6. **Research Requirements:**
   - In order to meet the criteria for presenting their bachelor's thesis, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
   - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
   - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. The grading system for a subject ranges from 10 to 1, with whole numbers assigned as marks. The minimum passing grade is 5, and the highest achievable mark is 10.

10. **Thesis Defense:**
    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
11. **Graduation Requirements:**
    - Graduation requires meeting all program criteria, which include completing the necessary credit hours, passing the final Bachelor exam, and successfully defending the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree in Mathematics-Informatics.

Physics

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program

2. **Degree Levels:**
    - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Mathematical Analysis and Algebra
        - Classical Mechanics
        - Molecular Physics and Heat
        - Measurement Techniques in Physics
        - Oscillations and Waves
        - Electricity and Magnetism
        - Optics
        - Numerical Methods and Simulation in Physics
        - Thermodynamics and Statistical Physics
        - History of Physics
        - Differential Equations of Mathematical Physics
        - Electrodynamics and Theory of Relativity
        - Quantum Mechanics
        - Atomic Physics
        - Theoretical Mechanics
        - Solid State Physics and Semiconductors
        - Nuclear Physics
        - Elementary Particles
    - **Electives:**
        - Biophysics/ Medical Equipment
        - Spectroscopy and Lasers /Detectors, Dosimetry and Radioprotection
        - Information Transmission Through Optical Fiber/Ethics and Academic Integrity
        - Environmental Physics /Earth and Atmospheric Physics
        - Plasma Physics /Elementary Particles
        - Electronics Physics/ Applied Nanotechnologies in Biophysics
        - Networks Computers / Data Basis

- **Major/Concentration:**
  - This comprehensive study program in physics is designed to provide students with a deep and broad understanding of the fundamental principles governing the physical universe. The curriculum covers a wide range of topics, integrating theoretical knowledge with practical applications.
- **General Education Requirements:**
  - Effectively completing both compulsory courses and seminars.

4. **Credits:**
   - A minimum of 180 ECTS are needed to graduate, with 30 ECTS assigned to each semester.
5. **Internships and Practical Experience:**
   - Engaging in practical stages and internships provides invaluable hands-on experience and a real-world perspective. These opportunities offer a dynamic platform for students to apply theoretical knowledge in professional settings, fostering a bridge between academic learning and practical implementation.
6. **Research Requirements:**
   - In order to meet the criteria for presenting their bachelor's thesis, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
   - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
   - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. The grading system for a subject ranges from

10 to 1, with whole numbers assigned as marks. The minimum passing grade is 5, and the highest achievable mark is 10.

10. **Thesis Defense:**
    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
11. **Graduation Requirements:**
    - Graduation requires meeting all program criteria, which include completing the necessary credit hours, passing the final Bachelor exam, and successfully defending the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree in Physics.

Music

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - Music Theory and Solfeggio Theory - Oral Exam - Weight 75%
        - Baccalaureate Exam Average - Weight 25%.

- Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program

2. **Degree Levels:**
   - Bachelor's Degree: 3-year program.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     - Theory – Solfege - Dictation
     - Conducted Choir
     - Harmony
     - Counterpoint
     - History of Music
     - Auxiliary Piano
     - Artistic Practice
     - Classical Singing
     - Musical Folklore
     - Choral Ensemble
     - Foreign Language
     - Physical Education
   - **Electives:**
     - Introduction to Management
     - Musical Aesthetics
     - The History of Cultures
     - Ethics and Academic Integrity
     - Classical Piano
     - Jazz Piano
     - The Art of Improvisation
     - Clarinet (Classical)
     - Classical Singing
     - Traditional Singing

- **Major/Concentration:**
  - The Bachelor's degree program in Music encompasses a comprehensive exploration of musical theory, performance, and appreciation. This major offers students the opportunity to develop their musical talents, refine technical skills, and acquire a deep understanding of musical history and theory. Throughout the program, students engage in practical experiences, such as ensemble performances, and gain proficiency in areas such as composition, musicology, and music technology. It aims to prepare graduates for diverse career paths within the music industry, including performance, teaching, composition, and music production, by providing a well-rounded education in the art and science of music.
- **General Education Requirements:**
  - Effectively completing both compulsory courses and seminars.

4. **Credits:**
   - A minimum of 180 ECTS are needed to graduate, with 30 ECTS assigned to each semester.
5. **Internships and Practical Experience:**
   - The practice of music students typically involves a multifaceted approach that combines theoretical knowledge with hands-on, experiential learning. This encompasses a spectrum of activities such as instrumental/vocal training, ensemble participation, recitals and concerts, community performances, and Studio Work, both in Targoviste, Romania, and on the international stage.
6. **Research Requirements:**
   - In order to meet the criteria for presenting their bachelor's thesis, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
   - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers. The dedicated faculty's specialized professors actively guide aspiring graduates, providing comprehensive counseling throughout both formal and informal processes. The specialized artistic and scientific education is enriched with considerations

pertaining to the seamless integration of graduates into the dynamic landscape of the labor market.

- The bachelor thesis is also supervised by a scientific supervisor.

8. **Extracurricular Activities:**
    - Students actively engage in extracurricular artistic pursuits, participating in a range of activities such as concerts, recitals, workshops, and symposia. These opportunities extend beyond the confines of the institution, encompassing both internal and external events, enriching their overall educational experience.
    - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. The grading system for a subject ranges from 10 to 1, with whole numbers assigned as marks. The minimum passing grade is 5, and the highest achievable mark is 10.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
11. **Graduation Requirements:**
    - Graduation requires meeting all program criteria, which include completing the necessary credit hours, passing the final Bachelor exam, and successfully defending the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree in Music.

Master Study Programmes

Fundamental Mathematics for Education

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**: The admission process includes a structured interview on a predetermined topic.
2. **Degree Levels:**
    - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Special Chapters of Mathematical Analysis
        - Special Chapters of Geometry
        - Complement of Mathematics
        - Research Methodology
        - Applied Informatics
        - Special Chapters of Algebra
        - Special Chapters of Probability
        - Mathematical Modeling of Physical Phenomena
        - Ethics and Academic Integrity
        - History of Mathematics

- Arithmetic and Number Theory
- Nonstandard Methods for Solving the Mathematical Problems
- Arithmetic and Number Theory
- Curriculum and evaluation in School Mathematics
- Modern techniques for Teaching Mathematics

- **Electives:**
  - Financial Mathematics / Applications of Complex Number in Geometry
  - Applied Differential Equations / The Elementary Theory of Numeric Sequences
- **Major/Concentration:**

  The Master Study Program is designed to provide an in-depth exploration of foundational mathematical concepts with a specific focus on their applications in education. This program is tailored for individuals aspiring to enhance their expertise in mathematics and its pedagogical aspects, equipping them with the skills to effectively teach and communicate mathematical principles.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation. An additional allocation of 10 ECTS is designated for the dissertation exam.
5. **Internships and Practical Experience:**
   - Engaging in practical stages and internships provides invaluable hands-on experience and a real-world perspective. These opportunities offer a dynamic platform for students to apply theoretical knowledge in professional settings, fostering a bridge between academic learning and practical implementation.
6. **Research Requirements:**
   - In order to meet the criteria for presenting their master's thesis, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.

7. **Academic Advising:**
    - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - Prior to defending the dissertation before a committee, a crucial initial step involves subjecting the work to a thorough plagiarism check using specialized software.
    - The dissertation must encompass all required content chapters, ensuring scientific rigor, accurate calculations, and conclusions grounded in evidential data. The presentation should be clear, demonstrating the graduate's professional knowledge and transversal abilities.
11. **Graduation Requirements:**
    - To fulfill program requirements, students must earn 120 ECTS by passing exams in all outlined disciplines. The culmination of their academic journey involves defending a dissertation during the final examination.
12. **Degree Awarding:**
    - Master's Degree in in Mathematics (Fundamental Mathematics for Education)

Physical-Chemical Analytical Methods for Life and Environmental Quality

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**: The admission process includes a structured interview on a predetermined topic.
2. **Degree Levels:**
        - Master's Degree: 2-year program following a bachelor's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Inorganic Pollutants
        - Environmental Physics
        - Organic Pollutants
        - Sampling and Processing Methods
        - Research Methodology
        - Separation Methods
        - Spectroscopic Methods of Analysis
        - Nuclear Methods of Analysis
        - Ethics and Academic Integrity
        - Validation of Analysis Methods
        - Depollution Methods

- Monitoring the Quality of Life and the Environment
- Sensors and Biosensors for Environmental Study
- Environmental Legislation and Accreditation Requirements for Laboratories

- **Electives:**
  - Biological Methods for Evaluating the State of the Environment
  - Techniques of Experimental Data Processing
  - Sustainable Management of Forest Ecosystems
- **Major/Concentration:**

  The Master Study Program is designed to provide advanced and specialized knowledge in the application of physical-chemical analytical methods for assessing the quality of life and the environment. This program integrates principles from both the physical and chemical sciences, focusing on their application to analyze and understand complex systems in life sciences and environmental contexts.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the dissertation thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 120 ECTS required for graduation. An additional allocation of 10 ECTS is designated for the dissertation exam.
5. **Internships and Practical Experience:**
   - Engaging in practical stages and internships provides invaluable hands-on experience and a real-world perspective. These opportunities offer a dynamic platform for students to apply theoretical knowledge in professional settings, fostering a bridge between academic learning and practical implementation.
6. **Research Requirements:**
   - In order to meet the criteria for presenting their master's thesis, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.

7. **Academic Advising:**
    - A supervising professor is assigned to each year of study and partially assisted activities are coordinated by supervising professors.
    - The dissertation thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - Prior to defending the dissertation before a committee, a crucial initial step involves subjecting the work to a thorough plagiarism check using specialized software.
    - The dissertation must encompass all required content chapters, ensuring scientific rigor, accurate calculations, and conclusions grounded in evidential data. The presentation should be clear, demonstrating the graduate's professional knowledge and transversal abilities.
11. **Graduation Requirements:**
    - To fulfill program requirements, students must earn 120 ECTS by passing exams in all outlined disciplines. The culmination of their academic journey involves defending a dissertation during the final examination.
12. **Degree Awarding:**
    - Master's Degree in in Chemistry (Physical-Chemical Analytical Methods for Life and Environmental Quality)

Musical Education

1. **Admission Requirements:**
    - **Prerequisites**:
        - Graduates with a bachelor's degree from a bachelor's degree course or graduates with an equivalent degree from a long-term university course may apply for admission to the master's degree course.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the bachelor exam - weight 70%.
        - Students undergo an assessment encompassing both practical and theoretical aspects of musical proficiency - weight 30%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
        - Master's Degree: 2-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Conducted Choir
        - Music Theory
        - Harmony
        - Musical Arrangements
        - The Typology of the Child's Voice

- The History of Romanian Music
- Artistic Practice

- **Electives:**
  - Musical Arrangements and Orchestration for Ambient Music and Soundtracks
  - Modern Methods of the Active School of Music Education
  - Stylistics of Artistic Creation
  - Didactic Principles and Strategies of Music Education
- **Major/Concentration:**
  - The primary goal of the program is to advance students' university-level qualifications in the field of Music, specifically through the Music Education master's program. Aligned with European standards in higher education, the program fosters an enriched learning experience built upon collaborative partnerships between educators and students. It emphasizes interactive learning, leveraging contemporary teaching, learning, and assessment methods to harness the full potential of the educational process.
- **General Education Requirements:**
  - Effectively completing both compulsory courses and seminars.
  - The program is structured to offer a well-rounded education by including complementary courses outside the major field. Students have the opportunity to engage in Classical Piano, Jazz Piano, The Art of Improvisation, Classical Clarinet, Classical Singing, and Traditional Singing. This diverse range of courses contributes to a comprehensive learning experience, enriching students' musical knowledge and skills across various genres and techniques.

4. **Credits:**
   - A minimum of 120 ECTS are needed to graduate, with 30 ECTS assigned to each semester.
5. **Internships and Practical Experience:**
   - Opportunities for internships, co-op programs, or practical experience in the field of study.

6. **Research Requirements:**
    - In order to meet the criteria for presenting their bachelor's thesis, students are required to engage in extensive study, resulting in a thorough and coherent completion of their academic endeavors.
7. **Academic Advising:**
    - The faculty's specialized professors play a pivotal role in guiding and counseling future graduates throughout both formal and non-formal processes. The holistic approach of the specialized artistic and scientific guidance includes considerations related to the successful integration of graduates into the labor market. This comprehensive support ensures that students not only excel academically but also receive valuable insights and advice for a seamless transition into their professional careers.
    - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, student scientific circles, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. The grading system for a subject ranges from 10 to 1, with whole numbers assigned as marks. The minimum passing grade is 5, and the highest achievable mark is 10.
10. **Thesis Defense:**

    The prerequisites for presenting a dissertation before a committee include:
    - Attainment of 120 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
11. **Graduation Requirements:**
    - Graduation requires meeting all program criteria, which include completing the necessary credit hours, passing the final Bachelor exam, and successfully defending the Bachelor thesis.

12. **Degree Awarding:**
    - Master's Degree in Musical Education.

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FACULTY OF SCIENCES AND ENGINEERING

(in Alexandria)

Located in a modern and advanced campus in Alexandria, our faculty provides a vibrant learning atmosphere where advanced facilities combine with a comprehensive curriculum. At this institution, students can actively interact with cutting-edge technologies and educational materials, thereby enriching their academic journey.

With a comprehensive curriculum covering areas such as crop science, animal husbandry, and rural economics, students gain a deep understanding of sustainable agricultural practices, enabling them to address the challenges of the modern farming landscape.

In the fast-paced world of global commerce, our Economics major focuses on trade, tourism, and services. Students delve into economic theories, marketing strategies, and the intricacies of service-oriented industries, preparing them to navigate the complexities of the international business environment with analytical acumen and strategic insight.

For those with a passion for technology and creativity, our Multimedia Systems Engineering major is a cutting-edge program at the intersection of engineering and multimedia. Students engage with subjects ranging from computer graphics to virtual reality, acquiring the skills needed to design and develop innovative multimedia systems that meet the demands of today's digital landscape.

Our Public Administration major equips students with the knowledge and skills required for effective governance and leadership. From constitutional law to public policies, students gain a profound understanding of the mechanisms shaping public administration. This major prepares future leaders for impactful roles in government, non-profit organizations, and beyond.

At the Faculty of Sciences and Engineering in Alexandria, we are committed to fostering a supportive learning environment, promoting critical thinking, and encouraging hands-on experiences. Our dedicated faculty members bring a wealth of expertise, ensuring that students receive a well-rounded education that aligns with current industry demands.

Bachelor Study Programmes

Agriculture

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
        - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
        - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program
2. **Degree Levels:**
        - Bachelor's Degree: 4-year program.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Accounting and Economic Management
        - Agrochemistry
        - Agricultural Consultancy
        - Animal Husbandry
        - Biochemistry

- Biophysics and Agrometeorology
- Botany
- Computer Science
- Conditioning and Preservation of Agricultural Products
- Crop Irrigation
- Crop Science
- Ecology and Environmental Protection
- Energy Base and Agricultural Machinery
- Entomology
- Experimental Technique
- Genetics
- Horticultural Technologies
- Land Cadastre
- Land Reclamation
- Management
- Marketing
- Mathematics and Statistics
- Medicinal and Aromatic Plants
- Pasture Cultivation and Forage Plants
- Pedology
- Plant Breeding and Seed Production
- Plant Pathology
- Plant Physiology
- Rural Economics
- Technical Drawing
- Topography

- **Electives:**
  - Agricultural Constructions
  - Land Rating
  - Soil Erosion Control
  - Comparative Agri-Food Policies
  - Computer-Assisted Instruction
  - Ecological Agriculture

- English Language
- Ethics and Academic Integrity
- French Language
- Human Resources Management
- Microbiology
- Comparative Agri-Food Policies
- Soil Biology
- Strategies for Implementing Common Agricultural Policies

- **Major/Concentration:**

  The program aims to equip students with the knowledge and skills necessary to navigate and contribute to the multifaceted aspects of the agricultural sector, fostering innovation, sustainability, and effective resource management. Graduates will be proficient in efficiently managing the relationships between these systems. Agricultural engineers will possess the capability to address the diverse challenges encountered in rural agricultural spaces, including but not limited to:
  - Development of agricultural enterprises.
  - Issues related to the organization and management of agricultural farms.
  - Expertise in the evaluation of agricultural lands.
  - Efficient management and allocation of funds for sustainable rural development.
  - Provision of consultancy and extension services in agriculture.
  - Development and implementation of sustainable agricultural production technologies.
- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation. An additional 10 ECTS is allocated to the diploma exam.

5. **Internships and Practical Experience:**
   - The practical engagement of students pursuing agricultural studies invariably encompasses a judicious amalgamation of theoretical instruction and experiential learning. This pedagogical approach is meticulously designed to fortify students with the requisite acumen and proficiencies essential for navigating the multifaceted challenges inherent to the agricultural industry. The following delineates salient components integral to the study practice in agriculture: Fieldwork and Farm Practices, Laboratory Work, Internships and Work Placements, and Agribusiness Simulations. This confluence of educational modalities ensures a comprehensive and empirically grounded educational experience, fostering the development of adept and resilient practitioners poised to contribute meaningfully to the agricultural sector.
6. **Research Requirements:**
   - Students are involved in research projects, conducting experiments or studies to address specific agricultural challenges and contribute to the advancement of agricultural science.
7. **Academic Advising:**
   - During each academic year, students are paired with a dedicated tutor from the teaching staff. This tutor serves as a guiding resource, assisting students in course selection, mapping out their academic trajectory, and addressing both professional and administrative concerns. This academic advisor provides continuous support from the first year of study through the fourth year. Acting as the intermediary between students and academic representatives, including teachers and management, communication is facilitated through various channels such as phone, email, and social media.
8. **Extracurricular Activities:**
   - Students in agriculture actively participate in a diverse array of extracurricular activities, strategically selected to complement their academic pursuits and foster holistic personal and professional development. These activities encompass engaging in community service projects aligned with agricultural themes, active involvement in agriculture-related clubs or organizations, and the cultivation of agripreneurial initiatives. These endeavors serve as instrumental conduits for students to apply their academic knowledge in

practical contexts, broaden their perspectives, and develop a robust skill set that extends beyond the confines of traditional coursework.

- Complementing their involvement in academic and environmental initiatives, students maintain their own university-level organization—the Students League. This platform serves as a hub for student collaboration, fostering a sense of community and providing an avenue for collective engagement beyond the confines of their academic pursuits.

9. **Examinations:**
    - The specific requirements for exams in a given discipline are explicitly outlined in the discipline syllabi. Professors communicate these requirements to students during the initial course session. Students must meet various criteria before taking the exam, which include active participation in all laboratory sessions, successful defense of the lab colloquium, and the satisfactory completion and presentation of the semester project with a minimum acceptable grade. The specific criteria vary based on the nature and intricacies of each discipline.
10. **Thesis Defense:**
    - The bachelor thesis undergoes a plagiarism check using specialized software before the decision is made to present it before a committee.
    - The bachelor thesis is expected to fulfill all required content chapters with a focus on scientific rigor. It should demonstrate accurate calculations, draw conclusions grounded in evidence, and present information in a clear manner. The presentation is an opportunity to showcase the graduate's professional knowledge and cross-disciplinary skills.
11. **Graduation Requirements:**
    - Students are required to accumulate all 240 ECTS, demonstrating successful completion of exams for all curriculum disciplines. The final examination is twofold, encompassing the assessment of fundamental and specialty knowledge alongside the defense of the bachelor thesis.
12. **Degree Awarding:**
    - Bachelor's Degree in Agriculture.

Economics of Trade, Tourism and Services

1. **Admission Requirements:**
   - **Prerequisites**:
     - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
     - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
     - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
   - **Entrance Exams**:
     The admission average of registered candidates is made up of:
     • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
   - Bachelor's Degree: 3-year program.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     - Accounting Fundamentals
     - Applied Mathematics in Economics
     - Business Law
     - Communication and Public Relations in Business
     - Commercial Transactions
     - Digital Technologies and Databases
     - Econometrics
     - Economic and Financial Analysis in Services
     - Economic Informatics
     - Economic Projects and Business Games
     - Economics in Services

- Economics in Tourism
- Economic Statistics
- Entrepreneurship and Business Management
- Ethics in Business, Tourism, and Services
- European Economy
- Foreign Language in Business I
- Geopolitics
- Human Resources Management
- Logistics and Goods Distribution
- Macroeconomics
- Management
- Managerial Accounting
- Marketing
- Marketing Research
- Microeconomics
- Practicum/Internship
- Public Finance
- Services and Public Utilities
- Services Marketing
- Supplier Relationship Management
- Tourism and Rural Tourism
- Business Projects and Business Games

- **Electives:**
  - Business Communication in English
  - Business Communication in French
  - Business Communication in Italian
  - Economic Sociology
  - Political Science
  - Psychology
  - Ethics and Academic Integrity
  - English Correspondence
  - French Correspondence
  - Italian Correspondence

- Quality Management of Services
- Project Management in Business
- Promotional Techniques
- International Marketing

- **Major/Concentration:**
  - The major in European Economics of Trade, Tourism, and Services is designed with a commitment to the continuous evolution of the educational system, ensuring its harmonization with European Union standards. Our mission is to cultivate graduates who are not only recognized as European specialists in trade, services, and tourism but are also well-versed in the dynamic demands of the labor market in both Romania and EU member states. Rooted in values such as solidarity, non-discrimination, equity, scientific objectivity, creativity, and dynamism, the major aims to instill a comprehensive understanding of European economics. Through a curriculum updated to align seamlessly with EU practices, students develop practical skills, a European perspective, and ethical considerations crucial for success in the ever-evolving European market. Our goal is to nurture adaptable and competitive professionals equipped with both theoretical knowledge and the values necessary for navigating the complexities of the EU economic landscape.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-4 for Physical Training and Sport, with a total of 188 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within economic, trade and tourism entities.

6. **Research Requirements:**
    - Compilation of the Bachelor thesis.
7. **Academic Advising:**
    - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific coordinator.
8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for defending a Bachelor thesis before a committee include:
    - Attainment of 180 ECTS credits throughout the program.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credits (ECTS) and the successful defense of the Bachelor thesis.
12. **Degree Awarding:**
    - Bachelor of Economics of Trade, Tourism, and Services.

Multimedia Systems Engineering

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those

who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

- **Entrance Exams**:
  - The admission average of registered candidates is made up of: average of the baccalaureate exam - weight 100%.
  - Admission to undergraduate studies is strictly in descending order of the general admission averages obtained by the candidates respecting the capacity of tuition for each study program

2. **Degree Levels:**
   - Bachelor's Degree: 4-year program.
3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:
     - 3D Graphics and Animation
     - Algorithm Design
     - Analysis and Synthesis of Numeric Devices
     - Applied Informatics
     - Audio-Video Fundamentals
     - Automatic Control Engineering
     - Chemistry
     - Coding, Editing, and Audio-Video Production
     - Computer-Aided Graphics
     - Computer Architecture
     - Computer Networks
     - Computer Programming and Programming Languages
     - Databases
     - Digital Electronics
     - Diploma Project Development
     - Dynamic Systems with Discrete Events
     - Electrotechnics
     - Instrumentation
     - Linear Algebra, Analytical, and Differential Geometry

- Linear Electronic Circuits
- Management of Projects
- Mathematical Analysis
- Measurements and Transducers
- Mechatronics
- Microprocessor Systems
- Modeling, Identification, and Simulation
- Multimedia Application Programming
- Multimedia Equipment
- Numerical Methods
- Operating Systems
- Physics
- Project Management
- Software Systems Engineering
- Specialized Mathematics
- Systems Theory
- Virtual Reality
- Web Technologies
- Human-Machine Interfaces
- Practice for the Diploma Project
- Specialized Practice.

- **Electives:**
  - Artificial Intelligence
  - Communication
  - Culture and Civilization
  - Data Transmission
  - Design, Aesthetics, and Semiotics of Audio-Visuals
  - Distributed Systems
  - Economics
  - E-learning Multimedia Technologies
  - Entrepreneurship and Copyright Protection
  - Ethics and Academic Integrity
  - Environmental Protection

- Expert Systems
- General Economy
- Intelligent Process Control Systems
- Intelligent Process Leadership
- Image Processing and Pattern Recognition
- Information Systems Analysis and Design
- Information Technologies for E-Services
- Journalism Radio-TV
- Management
- Multimedia Technologies in E-learning
- Protocols of Communications
- Radio-TV Technologies and Techniques
- Security of Information Systems
- Techniques of Diagnosis and Decision
- Advanced Communication Systems for Industrial Environment
- Cultural and Environmental Protection
- Transmissions of Data.

- **Major/Concentration:**
  - The program aims to provide the essential knowledge for conceiving and developing advanced information systems that integrate elements of computer graphics, multimedia, and virtual reality. Focused on educating highly-trained specialists in a rapidly evolving field, crucial for both industry and information technology research, the program emphasizes the utilization of innovation in companies involved in the development of highly complex software products. The objectives of the Multimedia Systems Engineering bachelor's program are twofold: first, to instill exceptional technical competencies necessary for practical application development and scientific research in these cutting-edge domains, and second, to cultivate adaptability to rapid technological advancements. Furthermore, the program seeks to foster a broad understanding of the societal implications of these technologies, promoting their efficient, innovative, and ethical use in contemporary society.

- **General Education Requirements:**
  - Successful completion of the mandatory courses, seminars and labs, completion of the three internships and the bachelor thesis.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Students have the opportunity to carry out their internship in companies and enterprises in Teleorman county and its surroundings, as well as in the teaching and research laboratories of the faculty.
6. **Research Requirements:**
   - Students carry out research activities in order to prepare their bachelor thesis.
7. **Academic Advising:**
   - A supervising teacher is assigned to each year of study and partially assisted activities are coordinated by supervising teachers.
   - The bachelor thesis is also supervised by a scientific supervisor.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis Defense:**

    The prerequisites for presenting a bachelor thesis before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Obtaining the approval of the scientific supervisor to present the bachelor thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfilment of all program requirements, encompassing the completion of the required credit hours and the successful completion of the bachelor thesis.

12. **Degree Awarding:**
    - Bachelor's Degree in Multimedia Systems Engineering.

Public Administration

1. **Admission Requirements:**
    - **Prerequisites**:
        - Successful completion of high school studies and obtaining a baccalaureate degree or equivalent.
        - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
        - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).
    - **Entrance Exams**:
      The admission average of registered candidates is made up of:
      • Average of the baccalaureate exam - weight 100%.
2. **Degree Levels:**
    - **Undergraduate Level: Public Administration**
        - Bachelor's Degree: 3-year program.
3. **Curriculum:**
    - **Core Courses:**
        - Administrative Law
        - Administrative Litigation
        - Applied Modern Languages in Public Administration (English, French, Italian)
        - Civil Law
        - Communication in Public Administration
        - Constitutional Law
        - Elements of Criminal Law

- Elements of International Law
- Elements of Judicial Procedure
- Elements of Urbanism
- Ethics and Deontology in Public Administration
- European Union Law
- Information Technology in Public Administration
- Introduction to the Study of the State and Law
- Labor Law and Social Security
- Management Public
- Normative Techniques in Public Administration
- Politics and Public Administration
- Practical Training for Thesis Development
- Public Institutions Accounting
- Public Management
- Public Policies
- Public Procurement
- Research Methodology in Administrative Sciences
- Science of Administration
- Specialized Practice

- **Electives:**
  - Comparative Administrative Systems
  - Competition Law
  - Contract Law
  - Control and Fiscal Management
  - Elements of E-Government
  - Elements of Strategic Planning in Public Institutions
  - Environmental Protection and Sustainable Development
  - Ethics and Academic Integrity
  - European and National Regulations in Land Matters
  - Family Law and Civil Status Documents
  - Financial and Fiscal Law
  - Foundations of Quality in the Public Sector
  - Fundamental Freedoms

- History of Romanian Public Administration
- Logic of Administrative Action
- Management of Human Resources in Public Administration
- Management of Projects
- Public Administration Law
- Public Decision-Making Methods
- Public Relations
- Sociology
- Special Contracts

- **Major/Concentration:**
  - Multidisciplinary and interdisciplinary program that brings together content areas from administrative sciences, legal sciences, management, European and comparative studies.
- **General Education Requirements:**
  - Successfully fulfilling mandatory and optional courses and seminars, actively participating in research within student circles, and contributing to scientific conferences.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS for mandatory and optional courses, to which 2 credits are added for each of semesters 1-2 for Physical Training and Sport, with a total of 184 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Opportunities for internships or practical experience in the field of study within central and local public institutions and authorities, professionals, legal entities, etc.
6. **Research Requirements:**
   - Each bachelor thesis will contain a theoretical part and a case study (theoretical or practical) in the field of specialization, under the guidance of a teaching staff.
7. **Academic Advising:**
   - The study program is overseen by a tutor, and the preparation of the Bachelor thesis is conducted under the guidance of a scientific supervisor.

8. **Extracurricular Activities:**
    - Students may have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - Didactic activities will span 14 weeks during each semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits.
10. **Thesis/Dissertation Defense:**
    - The preparation of the Bachelor's Thesis is conducted under the guidance of a scientific supervisor.
    - The committee responsible for assessing the dissertation thesis is appointed by the decision of the rector and includes a president, three members, and a secretary, all of whom are specialized teaching staff.
    - In order to submit the thesis, each student must have accrued 184 ECTS from the mandatory and elected subjects.
11. **Graduation Requirements:**
    - Graduation requires students to fulfill all program requirements, including achieving the prescribed number of ECTS credits and successfully completing a final examination.
12. **Degree Awarding:**
    - Bachelor's Degree in Administrative Sciences.

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THE DOCTORAL SCHOOL

The Doctoral School of Valahia University of Targoviste, as an accredited Institution Organizing University Studies of Doctorate, operates as the pinnacle of the university's academic pursuits under the guidance of the Council for University Doctoral Studies. This doctoral school represents the third cycle of university studies, fostering advanced research and knowledge acquisition. The two distinct branches within the Doctoral School exemplify the institution's commitment to diverse and impactful academic exploration.

The Doctoral School of Economics and Humanities (SDSEU) focuses on the dynamic fields of Management, Accounting, and History. Here, scholars and researchers engage in rigorous investigations, contributing to the advancement of knowledge in these critical areas.

In parallel, the Doctoral School of Engineering Sciences is dedicated to Electrical Engineering, Materials Engineering, and Mechanical Engineering, showcasing the commitment to cutting-edge advancements in technology and engineering.

Under the leadership of the Director of the Doctoral School and the Council of the Doctoral School (CSD), the school is guided by a shared vision of academic excellence. The Director, assimilated to the department director, actively participates in didactic and research activities, ensuring that all decisions align with the overarching goal of enhancing teaching and research within the school. This commitment to excellence in research and academia establishes the Doctoral School as a hub for advanced study and scholarly pursuits, fostering an environment that encourages the development of high-level expertise across various disciplines.

The Doctoral School of Valahia University of Targoviste is dedicated to ensuring the highest standards in doctoral education and research, guided by a comprehensive set of principles and procedures:

Quality Assurance: Implementing robust procedures and principles to ensure the quality of the organization and execution of doctoral degree programs.
Research Excellence: Organizing and conducting research programs on topics of national and international significance, contributing to the advancement of knowledge.
Student Integration: Actively integrating Ph.D. students into national and international research projects, fostering a collaborative and globally connected research environment.
Skill Development: Facilitating the accumulation of knowledge and practical skills crucial for high-performance scientific research through a specialized and quality formative process.
Guidance and Publication: Providing continuous guidance to Ph.D. students and advising them on publishing the original results of their research, promoting scholarly dissemination.

Global Exposure: Supporting Ph.D. students' participation in prestigious scientific events and training courses at renowned universities abroad, broadening their international exposure.
Thesis Support: Offering guidance and advice to Ph.D. students throughout the development and completion of high-level doctoral theses, ensuring academic excellence.
International Collaborations: Collaborating with prestigious universities both within the country and abroad, enhancing the academic and research network.
Young Researcher Training: Actively participating in the training of young researchers across the fields of economics, humanities, and engineering sciences.
Project Management Skills: Providing training in the skills necessary for the development and management of scientific research projects, fostering leadership and project management capabilities.
Critical Thinking: Cultivating a critical spirit among students, enabling the objective evaluation of their own research and that conducted by other researchers.
Selective Admission: Ensuring a meticulous selection process for candidates, attracting individuals with the potential to contribute significantly to the academic and research community.

The Doctoral School of Economics and Humanities

Accountancy

1. **Admission Requirements:**

Prerequisites:

- Successful completion of 300 ECTS (European Credit Transfer and Accumulation System) credits, spanning both undergraduate and Master's degree programs, or equivalent.
- Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies

in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

Entrance Exams:

- Admission to the doctoral program involves a comprehensive interview, centered around a doctoral essay submitted by the candidate.

2. **Degree Levels:**
    - Doctoral Degree (Ph.D.): 4-year program following a master's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Activity for Developing an Individual Scientific Research Plan
        - Documentation and Information Activity in the Research Theme Area.
        - Epistemological Approaches in Accounting, Audit, and Taxation
        - Ethics and Academic Integrity in the Digital Society
        - Information Technology Techniques for Digital Information Processing
        - Methodology of Scientific Research in Management Sciences
        - Modeling Financial and Accounting Information
        - Techniques for Exploiting Research Results
    - **Major/Concentration:**
        - This doctoral program is designed to provide students with an advanced and comprehensive understanding of accounting principles, financial reporting, auditing, and taxation.
    - **General Education Requirements:**
        - Successfully fulfilling both mandatory courses and seminars, engaging in advanced research within the chosen theme, defending required study reports, delivering two presentations at

scientific conferences, and publishing two peer-reviewed articles are essential components of the academic requirements.

4. **Credits:**
    - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
    - Engage in hands-on learning through immersive Blended Intensive Programmes, and research internships in accountancy.
6. **Research Requirements:**
    - Conducting advanced research within the chosen theme, submitting articles for peer-review, and presenting findings at thematic conferences are integral components of the academic process.
7. **Academic Advising:**
    - In addition to doctoral supervisor, three other academic advisors will provide guidance to each doctoral student in structuring their academic trajectory, publishing research, and addressing any concerns they may encounter.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 12 weeks during the first semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. Furthermore, the mandatory study reports will be adeptly defended before a committee consisting of the supervisor and the three academic advisors.
    - The preliminary defense of the thesis will be undertaken before a committee, consisting of the supervisor and the three academic advisors, with a minimum qualitative assessment of "Good." Following this, the

final defense of the thesis will be conducted before a committee comprising the president, the supervisor, and three experts in the field.

10. **Thesis Defense:**

    The prerequisites for defending a thesis or dissertation before a committee include:

    - Attainment of 240 ECTS credits throughout the program.
    - Completion of the mandatory number of articles and conference presentations.
    - Receiving a minimum qualitative assessment of satisfactory during both the preliminary and final defenses of the thesis.

11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the thesis.

12. **Degree Awarding:**
    - Doctor of Philosophy in Accountancy (Ph.D. in Accountancy).

Management

1. **Admission Requirements:**

   Prerequisites:

   - Successful completion of 300 ECTS (European Credit Transfer and Accumulation System) credits, spanning both undergraduate and Master's degree programs, or equivalent.
   - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
   - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory

year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

Entrance Exams:

- Admission to the doctoral program involves a comprehensive interview, centered around a doctoral essay submitted by the candidate.

2. **Degree Levels:**
    - Doctoral Degree (Ph.D.): 4-year program following a master's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Ethics, Digital Ethics and Academic Integrity.
        - Managerial Communication: dimensions, competences, challenges.
        - Econometric and Statistical Methods Used in Scientific Research.
        - Methodology of Scientific Research in The Field of Management.
        - Management Concepts, Methods, and Techniques Used in Modern Management Systems.
    - **Electives:**
        - Management studies
        - Business
        - Business Administration
        - Business Ethics
        - Strategy
        - Management communication.

- **Major/Concentration:**
  - Management studies, Business, Business Administration, Business Ethics, Strategy, Management communication.
- **General Education Requirements:**
  - Successfully fulfilling both mandatory courses and seminars, engaging in advanced research within the chosen theme, defending required study reports, delivering two presentations at scientific conferences, and publishing two peer-reviewed articles are essential components of the academic requirements.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Engage in hands-on learning through immersive Blended Intensive Programmes, and research internships in economic businesses and public organizations.
6. **Research Requirements:**
   - Conducting advanced research within the chosen theme, submitting articles for peer-review, and presenting findings at thematic conferences are integral components of the academic process.
7. **Academic Advising:**
   - In addition to doctoral supervisor, three other academic advisors will provide guidance to each doctoral student in structuring their academic trajectory, publishing research, and addressing any concerns they may encounter.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.

9. **Examinations:**
    - The courses will span 12 weeks during the first semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. Furthermore, the mandatory study reports will be adeptly defended before a committee consisting of the supervisor and the three academic advisors.
    - The preliminary defense of the thesis will be undertaken before a committee, consisting of the supervisor and the three academic advisors, with a minimum qualitative assessment of "Good." Following this, the final defense of the thesis will be conducted before a committee comprising the president, the supervisor, and three experts in the field.
10. **Thesis Defense:**

    The prerequisites for defending a thesis or dissertation before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Completion of the mandatory number of articles and conference presentations.
    - Receiving a minimum qualitative assessment of "Good" during both the preliminary and final defenses of the thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the thesis.
12. **Degree Awarding:**
    - Doctor of Philosophy in Management (Ph.D. in Management).

History

1. **Admission Requirements:**

   Prerequisites:

   - Successful completion of 300 ECTS (European Credit Transfer and Accumulation System) credits, spanning both undergraduate and Master's degree programs, or equivalent.
   - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
   - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED)..

   Entrance Exams:

   - Admission to the doctoral program involves a comprehensive interview, centered around a doctoral essay submitted by the candidate.

2. **Degree Levels:**
   - Doctoral Degree (Ph.D.): 4-year program following a master's degree.

3. **Curriculum:**
   - **Core Courses:**

     Mandatory courses that all students in the program must take:

     - Ethics and Academic Integrity in the Fields of History and Archaeology in the Digital Society.
     - Academic Writing at the Doctoral Level: Applications in the Fields of History and Archaeology

    - Qualitative, Quantitative, and Digital Methods in Historical Research
- **Electives:**
    - Methods of Study, Conservation, and Valorization of Cultural Heritage.
    - Critical Perspectives on History and the Researcher's Role.
    - Restoration, Digitalization, and Heritage Regeneration.
- **Major/Concentration:**
    - The foundational elements of the doctoral program in History are centered around a comprehensive exploration of diverse historical domains. Doctoral candidates will engage in rigorous studies across various areas, including Heritage Studies, Archaeology, Prehistory, Ancient History, Middle Age History, Early Modern History, Twentieth Century History, International Relations, and International History.
    - The program is designed to foster in-depth research skills and a nuanced understanding of historical contexts spanning different epochs and geographical locations. The curriculum aims to cultivate expertise in Heritage Studies, guiding students through the intricate landscapes of Archaeology, Prehistory, Ancient and Medieval History, as well as the complexities of Early Modern and Twentieth Century History. Additionally, the program encompasses International Relations and International History, encouraging a global perspective on historical developments.
    - The interdisciplinary nature of the doctoral program in History ensures that candidates gain a holistic view of historical phenomena, preparing them for advanced research in diverse subfields within the broader discipline of History.

- **General Education Requirements:**
  - Successfully fulfilling both mandatory courses and seminars, engaging in advanced research within the chosen theme, defending required study reports, delivering two presentations at scientific conferences, and publishing two peer-reviewed articles are essential components of the academic requirements.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Engage in hands-on learning through archaeological excavations, immersive Blended Intensive Programmes, and research internships in museums and archives.
6. **Research Requirements:**
   - Conducting advanced research within the chosen theme, submitting articles for peer-review, and presenting findings at thematic conferences are integral components of the academic process.
7. **Academic Advising:**
   - In addition to doctoral supervisor, three other academic advisors will provide guidance to each doctoral student in structuring their academic trajectory, publishing research, and addressing any concerns they may encounter.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 12 weeks during the first semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. Furthermore, the

mandatory study reports will be adeptly defended before a committee consisting of the supervisor and the three academic advisors.

- The preliminary defense of the thesis will be undertaken before a committee, consisting of the supervisor and the three academic advisors, with a minimum qualitative assessment of "Good". Following this, the final defense of the thesis will be conducted before a committee comprising the president, the supervisor, and three experts in the field.

10. **Thesis Defense:**

The prerequisites for defending a thesis or dissertation before a committee include:

- Attainment of 240 ECTS credits throughout the program.
- Completion of the mandatory number of articles and conference presentations.
- Receiving a minimum qualitative assessment of satisfactory during both the preliminary and final defenses of the thesis.

11. **Graduation Requirements:**

- Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the thesis.

12. **Degree Awarding:**

- Doctor of Philosophy in History (Ph.D. in History).

The Doctoral School of Engineering

Electrical Engineering

1. **Admission Requirements:**

   Prerequisites:

   - Successful completion of 300 ECTS (European Credit Transfer and Accumulation System) credits, spanning both undergraduate and Master's degree programs, or equivalent.
   - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
   - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

   Entrance Exams:

   - Admission to the doctoral program involves a comprehensive interview, centered around a doctoral essay submitted by the candidate.

2. **Degree Levels:**

   - Doctoral Degree (Ph.D.): 4-year program following a master's degree.

3. **Curriculum:**

   - **Core Courses:**

     Mandatory courses that all students in the program must take:

     - Ethics and Academic Integrity
     - Research Methodology

- Doctoral Thesis Theme-Based Individual Applied Seminar

- **Major/Concentration:**
  - The doctoral program in Electrical Engineering is carefully designed to fully engage applicants in an advanced educational experience, providing them with deep knowledge and expertise necessary for innovative research in the field. Throughout the program, candidates will delve into diverse domains of Electrical Engineering, encompassing intricate areas such as algorithms, modeling techniques in electrical and energy engineering, electric machines and drives, and signal processing.
  - In addition to academic inquiry, the program lays a substantial focus on refining practical abilities, specifically in project management. Participants will acquire the skills necessary to generate, organize, and oversee scientific research endeavors, cultivating a comprehensive comprehension of the complexities associated with carrying out influential projects.
  - The curriculum places a strong emphasis on developing critical thinking skills, which involves encouraging candidates to engage in deep and reflective analyses and evaluations of their research findings. This aspect guarantees that doctorate candidates not only make a contribution to current knowledge, but also critically examine and improve their work with an unbiased and perceptive viewpoint.
  - Adhering to ethical research methods is a crucial aspect of the doctoral process, since it cultivates a deep comprehension of the ethical issues and obligations that come with scientific study. Maintaining the utmost levels of honesty and ethical conduct is of utmost importance in the quest for knowledge and creativity.

- **General Education Requirements:**
  - Successfully fulfilling both mandatory courses and seminars, engaging in advanced research within the chosen theme, defending required study reports, delivering two presentations at scientific conferences, and publishing two peer-reviewed articles are essential components of the academic requirements.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Engage in hands-on research in the field in the Institute of Multidisciplinary Research for Science and Technology and the dedicated research centers.
6. **Research Requirements:**
   - Conducting advanced research within the chosen theme, submitting articles for peer-review, and presenting findings at thematic conferences are integral components of the academic process.
7. **Academic Advising:**
   - In addition to doctoral supervisor, three other academic advisors will provide guidance to each doctoral student in structuring their academic trajectory, publishing research, and addressing any concerns they may encounter.
8. **Extracurricular Activities:**
   - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
   - The courses will span 12 weeks during the first semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. Furthermore, the

mandatory study reports will be adeptly defended before a committee consisting of the supervisor and the three academic advisors.

- The preliminary defense of the thesis will be undertaken before a committee, consisting of the supervisor and the three academic advisors, with a minimum qualitative assessment of "Good". Following this, the final defense of the thesis will be conducted before a committee comprising the president, the supervisor, and three experts in the field.

10. **Thesis Defense:**

The prerequisites for defending a thesis or dissertation before a committee include:

- Attainment of 240 ECTS credits throughout the program.
- Completion of the mandatory number of articles and conference presentations.
- Receiving a minimum qualitative assessment of satisfactory during both the preliminary and final defenses of the thesis.

11. **Graduation Requirements:**

- Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the thesis.

12. **Degree Awarding:**

- Doctor of Electrical Engineering.

Mechanical Engineering

1. Admission Requirements:

Prerequisites:

- Successful completion of 300 ECTS (European Credit Transfer and Accumulation System) credits, spanning both undergraduate and Master's degree programs, or equivalent.
- Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian

language) and obtaining the Letter of Acceptance issued by the Ministry of Education.

- EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

Entrance Exams:

- Admission to the doctoral program involves a comprehensive interview, centered around a doctoral essay submitted by the candidate.

2. **Degree Levels:**
    - Doctoral Degree (Ph.D.): 4-year program following a master's degree.
3. **Curriculum:**
    - **Core Courses:**

      Mandatory courses that all students in the program must take:
        - Ethics and Academic Integrity
        - Research Methodology
        - Doctoral Thesis Theme-Based Individual Applied Seminar
    - **Major/Concentration:**
        - The core elements of a program in Mechanical Engineering are designed to equip doctoral candidates with the knowledge and skills essential for conducting research in the field of Mechanical Engineering. This encompasses a broad spectrum, including robotics, Computer-Aided Design (CAD), Computer-Aided Manufacturing (CAM), and applications of Computer-Aided Engineering (CAE). The program focuses on cultivating the abilities required for formulating and managing scientific research projects within Mechanical Engineering and related fields. Moreover, it

emphasizes the development of a critical mindset to objectively evaluate research outcomes. The educational approach prioritizes instilling a strong sense of scientific ethics among doctoral candidates, promoting responsible and ethical practices in their research endeavors. Ultimately, the program aims to prepare highly qualified specialists capable of seamlessly integrating into the workforce, equipped with the necessary skills and expertise in the field of Mechanical Engineering.

- **General Education Requirements:**
  - Successfully fulfilling both mandatory courses and seminars, engaging in advanced research within the chosen theme, defending required study reports, delivering two presentations at scientific conferences, and publishing two peer-reviewed articles are essential components of the academic requirements.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Engage in hands-on research in the field in the Institute of Multidisciplinary Research for Science and Technology and the dedicated research centers.
6. **Research Requirements:**
   - Conducting advanced research within the chosen theme, submitting articles for peer-review, and presenting findings at thematic conferences are integral components of the academic process.
7. **Academic Advising:**
   - In addition to doctoral supervisor, three other academic advisors will provide guidance to each doctoral student in structuring their academic trajectory, publishing research, and addressing any concerns they may encounter.

8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 12 weeks during the first semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. Furthermore, the mandatory study reports will be adeptly defended before a committee consisting of the supervisor and the three academic advisors.
    - The preliminary defense of the thesis will be undertaken before a committee, consisting of the supervisor and the three academic advisors, with a minimum qualitative assessment of "Good". Following this, the final defense of the thesis will be conducted before a committee comprising the president, the supervisor, and three experts in the field.
10. **Thesis Defense:**

    The prerequisites for defending a thesis or dissertation before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Completion of the mandatory number of articles and conference presentations.
    - Receiving a minimum qualitative assessment of satisfactory during both the preliminary and final defenses of the thesis.
11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the thesis.

12. **Degree Awarding:**
    - Doctor of Mechanical Engineering.

Material Engineering

1. **Admission Requirements:**

   Prerequisites:

   - Successful completion of 300 ECTS (European Credit Transfer and Accumulation System) credits, spanning both undergraduate and Master's degree programs, or equivalent.
   - Non-EU Citizens - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and obtaining the Letter of Acceptance issued by the Ministry of Education.
   - EU Citizens + Swiss Confederation - Contingent upon the presentation of the Graduation Certificate from the preparatory year (excluding those who have completed their previous studies in the Romanian language) and the recognition of their studies by the National Centre for Recognition and Equivalence of Diplomas (CNRED).

   Entrance Exams:

   - Admission to the doctoral program involves a comprehensive interview, centered around a doctoral essay submitted by the candidate.

2. **Degree Levels:**

   - Doctoral Degree (Ph.D.): 4-year program following a master's degree.

3. **Curriculum:**

   - **Core Courses:**

     Mandatory courses that all students in the program must take:

     - Ethics and Academic Integrity
     - Research Methodology
     - Doctoral Thesis Theme-Based Individual Applied Seminar

- **Major/Concentration:**

  The core of the Material Engineering program includes:

  - Developing doctoral candidates with the knowledge and skills required for research in the field of Materials Engineering, focusing on areas such as nanocomposite materials, ceramics, refractories, alloys, etc.
  - Equipping students with the necessary abilities for the development and management of scientific research projects in the field of Materials Engineering and related domains.
  - Fostering a critical mindset for the objective evaluation of research results.
  - Educating doctoral candidates in the principles of scientific research ethics.
  - Providing training for specialists highly qualified for employment in the workforce.
- **General Education Requirements:**
  - Successfully fulfilling both mandatory courses and seminars, engaging in advanced research within the chosen theme, defending required study reports, delivering two presentations at scientific conferences, and publishing two peer-reviewed articles are essential components of the academic requirements.

4. **Credits:**
   - Each semester carries a weight of 30 ECTS, with a total of 240 ECTS required for graduation.
5. **Internships and Practical Experience:**
   - Engage in hands-on research in the field in the Institute of Multidisciplinary Research for Science and Technology and the dedicated research centers.

6. **Research Requirements:**
    - Conducting advanced research within the chosen theme, submitting articles for peer-review, and presenting findings at thematic conferences are integral components of the academic process.
7. **Academic Advising:**
    - In addition to doctoral supervisor, three other academic advisors will provide guidance to each doctoral student in structuring their academic trajectory, publishing research, and addressing any concerns they may encounter.
8. **Extracurricular Activities:**
    - Students have the option to participate in clubs, organizations, or extracurricular activities related to their field of study or personal interests.
9. **Examinations:**
    - The courses will span 12 weeks during the first semester and conclude with oral, written, or practical examinations. Successful completion of these exams is mandatory to earn study credits. Furthermore, the mandatory study reports will be adeptly defended before a committee consisting of the supervisor and the three academic advisors.
    - The preliminary defense of the thesis will be undertaken before a committee, consisting of the supervisor and the three academic advisors, with a minimum qualitative assessment of "Good". Following this, the final defense of the thesis will be conducted before a committee comprising the president, the supervisor, and three experts in the field.
10. **Thesis Defense:**

    The prerequisites for defending a thesis or dissertation before a committee include:
    - Attainment of 240 ECTS credits throughout the program.
    - Completion of the mandatory number of articles and conference presentations.

- Receiving a minimum qualitative assessment of satisfactory during both the preliminary and final defenses of the thesis.

11. **Graduation Requirements:**
    - Graduation necessitates the fulfillment of all program requirements, encompassing the completion of the required credit hours and the successful defense of the thesis.
12. **Degree Awarding:**
    - Doctor of Material Engineering.

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EMBRACING GLOBAL HORIZONS: VALAHIA UNIVERSITY OF TARGOVISTE'S JOURNEY TOWARDS INTERNATIONAL EXCELLENCE

Driving Internationalization through Strategic Initiatives: A Focus on the Erasmus Plus Programme and KreativEU Alliance (2021-2025)

In the rapidly evolving landscape of higher education, the Strategy of Internationalization of Valahia University for the period 2021-2025 has become a cornerstone for universities seeking to broaden their global footprint. One of the key drivers fueling this expansion is the Erasmus Plus programme, a transformative initiative facilitating international collaboration, cultural exchange, and academic mobility. At the heart of this strategy is the university emerges as a proactive institution engaging in approximately 100 Erasmus Plus active exchanges and leveraging a state of the digital art platform for exchange management. An offering of 300 scholarships awaits undergraduates, master's, and doctoral students, providing a gateway to a transformative international experience within the university's academic community.

The university's commitment to fostering global connections is reflected in its network of international partnerships. With collaborations spanning the vast majority of the EU member states and 11 countries outside the European Union, the Erasmus Plus Program serves as a conduit for cross-cultural exchange and mutual learning.

Designed with multifaceted objectives, these mobility opportunities extend beyond the conventional. They are crafted to offer students not just an academic sojourn but an immersive experience of educational, linguistic, and cultural enrichment. Moreover, the program underscores the university's dedication to promoting cooperation between institutions, enriching the educational landscape of host institutions, and facilitating the seamless transfer of academic credits through the ECTS or compatible credit systems.

Flexibility is key to this academic journey. Students can choose the duration of their study and research mobilities, ranging from a week (doctoral students) or a single semester to an immersive 12-month exploration. Financial support from the Erasmus Plus program accompanies them throughout:

Students destined for the vibrant cities of Spain, Italy, France, Finland, Germany, Norway, Belgium, or Greece receive 520 Euros per month.

Those venturing to Lithuania, Estonia, Bulgaria, or Poland are supported with 470 Euros per month.

Social scholarship recipients enjoy an additional 200 Euros per month.

Existing scholarship holders need not worry, as their support continues throughout their Erasmus adventure.

To partake in this extraordinary opportunity, certain criteria must be met. Whether students carry the banner of Romanian citizenship or hail from other nations, Valahia University welcomes those maintaining full-time enrollment, boasting a minimum cumulative GPA of 7, and possessing proficiency in the designated foreign languages.

Yet, this is not just an invitation; it is a promise of support and guidance. Selected students, torchbearers of the Erasmus Plus experience, will be accompanied by the dedicated team at the International Relations and Erasmus Plus Office. From pre-departure preparations to navigating life abroad and even upon their return, this support remains steadfast.

To the dreamers and seekers of knowledge, to those ready to script a chapter of their academic journey on a global stage, Valahia University's Erasmus Plus scholarships offer an open door to expand horizons, foster connections, and embrace the transformative power of international experiences.

Valahia University extends a warm invitation to international students enrolled in full-time programs within its academic community. This inclusivity underscores the university's commitment to fostering a diverse and vibrant international learning environment. Whether you call Valahia University your academic home or are a global scholar seeking to explore new horizons, Erasmus Plus stands as an open door to a world of educational, cultural, and linguistic experiences.

A pivotal pillar in the university's internationalization strategy is its participation in the KreativEU (Knowledge & Creativity European University) Alliance. This alliance, characterized by a bottom-up approach, unites universities across Europe in a collaborative effort to promote knowledge exchange and creativity. Besides Valahia University of Targoviste, the alliance consists of highly-regarded institutions, including:

Dimitar A. Tsenov Academy of Economics – Svishtov, Bulgaria
University of South Bohemia in České Budějovice, Czechia
University of Greifswald, Germany
University of Camerino, Italy
Breda University of Applied Sciences, Netherlands
University of Opole, Poland
Trnava University in Trnava, Slovakia
Södertörn University, Sweden
Adana Alparslan Türkeş University of Science and Technology, Turkiya

The KreativEU Alliance fosters interdisciplinary collaboration, joint research projects, and the exchange of best practices among its member institutions, thereby enriching the academic landscape and promoting a vibrant European higher education community.

Going beyond established approaches to cultural heritage, the novel approach of "ecocultural identity" brings together the research perspectives of cultural and life sciences at a crucial point, the human being, and can be described as "where culture meets ecology". The ecocultural identity approach acknowledges that the environment itself and how we read it is shaped by cultural practices. Thus, the concept will foster a strong sense of shared purpose between the members, as it provides a bridge to intensified collaboration beyond the social sciences and humanities with researchers across our institutions dealing with key global challenges such as climate mitigation, CO_2 sequestration, biodiversity loss, and the spread of zoonotic diseases.

Building upon this strong foundation, KreativEU will provide the EU with innovative concepts, methods, and solutions to address both current and future challenges, contributing to a sustainable and harmonious future for communities and the environment alike. Our comprehensive strategy endeavors to instill a profound appreciation for the interplay of

cultural and ecological stewardship, positioning the alliance as a catalyst for positive transformation across local, regional, and global domains.

In acknowledging the inherent link between ecology and heritage, KreativEU recognizes the inseparable interconnection of tangible and intangible cultural heritage, as well as the interwoven nature of local and national traditions, crafts, cultural practices, and folklore. The alliance is dedicated to formulating cutting-edge educational and research methods that incorporate these elements and their associated ecological surroundings, especially in the context of the digital age. This commitment serves as the foundational principle guiding KreativEU's efforts, ensuring that its initiatives not only embrace cultural and ecological interconnectedness but also leverage digital advancements to enhance the accessibility, dissemination, and understanding of these vital components.

www.valahia.ro