



BACHELOR BUSINESS INFORMATICS

IN COLLABORATION WITH BOKU UNIVERSITY

Why this study program?

The Bachelor's Program in "Business Informatics", in collaboration with BOKU, provides integrated academic education and competencies in computer science, business administration, and economic sciences.

The program provides a comprehensive integration of theoretical and practical education, equipping students with the essential competencies to design, implement, and manage information systems that support the efficient and modern operation of businesses.

With a curriculum harmonized with European standards, the program is structured around a balanced and comprehensive framework encompassing the planning, design, development, implementation, operation, optimization, and economically efficient use of information and communication systems.

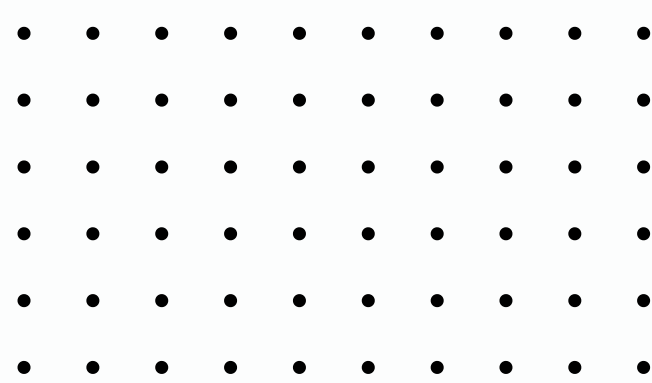
Internationally recognized degree



Think... Code... Transform!

Program Description

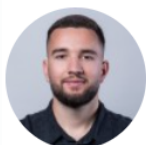
The Bachelor's Program in Business Informatics offers an interdisciplinary curriculum that emphasizes both theoretical knowledge and practical application, particularly in areas such as software development, data management, enterprise systems, and digital transformation strategies. The program is structured over three academic years (180 ECTS) and is offered by the Faculty of Economics and Agribusiness, Department of Mathematics and Informatics. This program represents an example of how modern education can build bridges between technological innovation and traditional economic principles and business management.



Graduate Profile / Professional Profile

Graduates of the Business Informatics program possess a broad professional profile and are well-equipped to contribute across various sectors, such as:

- **Innovative Systems Designer** – Design and development of innovative digital products and services; programmers and systems analysts.
- **Systems Developer / Software Engineer** – Design and implementation of business software applications and enterprise systems in agribusiness and beyond.
- **Database Administrator & Data Analyst** – Management and security of data; analysis of business data to support decision-making processes.
- **E-Business or E-Government Specialist** – Development and management of online platforms and digital services.



Patrik Nasufi

Software Developer,
CEO & Founder at Vatra

I completed my studies at the Agricultural University of Tirana and highly recommend the Business Informatics program, as it offers a well-balanced integration of theoretical knowledge and practical application in the fields of technology and business. The program is closely aligned with labor market demands, supported by a dedicated academic staff with strong expertise in IT and economics, and provides students with concrete opportunities for professional development.



Aleksandro Vogli

HR Solution Specialist,
Boston Consulting Group

My studies in Business Informatics at the Agricultural University of Tirana have provided me with advanced knowledge in integrating information technology with business processes, alongside strong analytical and technical competencies in data processing and decision support. Through the development of digital solutions, data analysis, and contributions to the optimization of business processes, I have built a solid and successful professional profile.



Rinald Shehaj

Software Engineer
Albania Software House

Studies in Business Informatics have equipped me with advanced analytical and technical skills, which I apply in my work as a software engineer and web developer. Through the integration of information technology with business processes, I develop applications and digital solutions that support the operation and optimization of business activities



Xhesjana Stambolliu

Software Developer,
Lufthansa Industry Solutions

Studies in Business Informatics have played a fundamental role in shaping my professional development, providing me with a strong foundation in programming, systems, and software architecture. Building on this background, I have developed a career as a Software Developer, focusing on the development of reliable backend applications and services. My specialization in .NET Core and microservices architecture is directly grounded in the knowledge and competencies acquired during my studies.

Key competencies acquired

Upon completion of the program, students acquire competencies in:

- Design and development of systems for the collection, management, and analysis of data related to agribusiness systems.
- Development of financial management systems, including tools for financial risk assessment and mitigation.
- Integration of advanced information technologies into business management processes.
- Development and maintenance of digital platforms, with a focus on fostering innovation in the economy.

These competencies are aligned with the current and long-term needs of the labor market.

STUDY PROGRAM CONTENT

CORE SUBJECTS

Mathematics
Statistics
Probability Theory
Microeconomics
Macroeconomics

CHARACTERISTIC SUBJECTS

Introduction of Informatics
Algorithmic and Data Structure
Python Programming
Databases and Management
Business Modeling
Web Programming
.NET Technologies
Introduction to AI
Fundamentals of Econometric

ADDITIONAL SUBJECTS

Accounting
Finance
Marketing
Public Management
Smart Agriculture, GIS
Agribusiness Management
Professional Practice
Bachelor's Thesis

Teaching is delivered through a combination of interactive lectures, seminars, practical exercises, and laboratory sessions. The program incorporates structured laboratory work, applied research projects, and compulsory professional practice.

Career Opportunities:

- Public administration
- Banking system and financial institutions
- Telecommunications and media companies
- Private businesses and consulting firms
- Agribusiness industries and the agri-food sector
- International organizations and NGOs

Programme Information

Level of study

First Cycle of Studies, Bachelor

Academic Title

Bachelor in Business Informatics

Duration

3 academic years / 6 semesters

Kredits

180 ECTS

Form of Study

Full time

Medium of Instruction

Albanian / English

Study Quota

100 students

Completion Requirements

Final Exam / Bachelor's Thesis



About AUT

The Agricultural University of Tirana was established on November 1, 1951, and since 1956 has been located in Kodër Kamëz. Since its foundation, it has served as a key pillar of agricultural education and research in Albania.

Today, AUT plays a crucial role in sustainable agriculture, food security, rural development and digital agribusiness while strengthening international cooperation through strategic partnerships, including with BOKU University.



For more information, please visit:

www.ubt.edu.al

info@ubt.edu.al

“Pajsi Vodica” Street, Tirana

OPPORTUNITIES FOR CONTINUING STUDIES AT MASTER OF SCIENCE LEVEL

Upon graduation, students have the opportunity to pursue second-cycle Master of Science studies in Business Informatics, Finance, Economics, Digital Business Management, or related fields, both domestically and internationally. The program provides a strong theoretical and methodological foundation to support further academic progression.

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