

THE FUTURE OF MEDICINE WILL BE ENGINEERED.



REAL WBU STUDENTS • REAL BIOMEDICAL ENGINEERING

BACHELOR'S IN **BIOMEDICAL ENGINEERING**

Build the devices, systems and
intelligent technologies that
modern medicine depends on.

ALBANIA'S FIRST AND ONLY

Bachelor's program dedicated to Biomedical Engineering

A HIGH-POTENTIAL CAREER BEHIND MODERN MEDICINE.

Biomedical engineers are the specialists behind the technology used to diagnose, monitor and treat patients. They help hospitals and MedTech companies select, manage, maintain and improve medical devices - and contribute to imaging, robotics, biosensors, data and AI solutions.

A specialised profession with opportunities across hospitals, medical technology, research and innovation.



A CAREER WITH PURPOSE, TECHNOLOGY AND IMPACT.

ONE DEGREE. THREE POWERFUL FIELDS.

01 ENGINEERING

Electronics, circuits, signals, biomechanics and device design.

02 MEDICAL SCIENCES

Anatomy, physiology, imaging, biomaterials and patient-centred applications.

03 AI & INNOVATION

Programming, biomedical data, artificial intelligence and smart systems.

THIS PROGRAM IS FOR YOU IF YOU...

- Enjoy physics, technology and problem-solving
- Want to build, improve and understand real systems
- Are curious about medicine and how the human body works
- See your future in an international, fast-evolving field

PRACTICE FROM YEAR ONE CHANGES EVERYTHING.

At WBU, professional exposure is integrated into the study experience - not left until graduation.

4 + 1

DAYS AT WBU

DAY IN PRACTICE

The 4+1 model connects classroom learning with Medical Service Engineering, helping students understand how biomedical equipment is managed, maintained and used in professional environments.

PRACTICE BEGINS IN THE FIRST YEAR.

THE WBU COMPETITIVE ADVANTAGE

01 REAL PROFESSIONAL EXPOSURE 02 PAID INTERNSHIP OPPORTUNITIES

Experience connected with MSE, American Hospitals Group and Hygeia Hospital.

For high-performing students through MSE, American Hospitals, Hygeia and Cambridge Clinical Laboratories.

03 PROJECTS AND PROTOTYPES 04 INTERNATIONAL PREPARATION

Build solutions and a portfolio through project-based learning.

Erasmus+, English-language study and familiarity with international standards.



“Biomedical Engineering at WBU helped me turn my interest in medicine and technology into practical skills. Through laboratories, projects and my Erasmus+ experience, I gained greater independence, an international perspective and confidence that this degree can open opportunities far beyond the classroom.”

MILKA ZAKJA

Biomedical Engineering Student | Erasmus+ Participant

FOR THEIR AMBITION. FOR YOUR CONFIDENCE.

Aspecialised degree. Practical experience. International possibilities.

“ We wanted a degree that would give our daughter more than theoretical knowledge. WBU's combination of engineering, medical sciences, AI and practical experience from the first year gave us confidence that this program can lead to a specialised career and strong opportunities for further study at home or abroad.”

PARENT OF A BIOMEDICAL ENGINEERING STUDENT

A DEGREE WITH MULTIPLE FUTURES

Graduates can work in hospitals, Med-Tech companies, imaging centres, research laboratories and Health-Tech start-ups - or continue with advanced studies abroad.

- Biomedical Equipment Engineer
- Hospital Technical Support & Maintenance Engineer
- Health Informatics & Biomedical Data Analyst
- Clinical Technology Specialist
- Medical Device Developer
- Biomedical Robotics and R&D



UNIVERSITY OF ENDLESS OPPORTUNITIES



**READY TO ENGINEER
WHAT MEDICINE NEEDS
NEXT?**

Scan to explore the program and
begin your application.

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