



**BUILD THE SOFTWARE
PEOPLE WILL USE NEXT.**

Design it. Build it. Test it. Improve it.

BACHELOR'S PROGRAM

SOFTWARE ENGINEERING

At WBU, you will learn the full engineering process behind reliable, secure, and intelligent software - not only how to write code.

3 YEARS
6 semesters

180 ECTS
EU-aligned curriculum

FROM YEAR 1
practice + paid internship
opportunities

WHY WBU SOFTWARE ENGINEERING

AI CAN GENERATE CODE. ENGINEERS BUILD TRUST.

We teach you to understand the problem, design the system, test the result, and take responsibility for how software performs in the real world.



01

START BUILDING FROM YEAR 1

Apply theory in laboratories and projects from the beginning. Professional practice and paid internship opportunities through our partners, can start as early as your first year.

02

LEARN SOFTWARE ENGINEERING, NOT ONLY SYNTAX

Move from programming to requirements, architecture, maintainable code, Agile teamwork, testing, quality assurance, cybersecurity and cloud-ready systems.

03

WORK WITH TECHNOLOGIES SHAPING THE FIELD

Study artificial intelligence, machine learning, data science, mobile applications, networks, computer graphics, cloud computing, IoT and secure software.

04

SOLVE PROBLEMS ACROSS DISCIPLINES

Explore image and signal processing, image computing and biomedical applications areas where software can support better analysis, diagnosis and decision-making.

05

TURN YOUR WORK INTO A PORTFOLIO

Build projects, join research, conferences and workshops, and complete professional practice plus a final project or thesis that demonstrates what you can do.

06

DUAL DEGREE OPPORTUNITY WITH NAU, USA

Through our strategic partnership with North American University, USA, upon successful completion, you can earn:

- Bachelor's in Software Engineering from WBU and
- Bachelor of Science in Computer Science from NAU.

Choosing your pathway:

- **2+2:** 2 years WBU + 2 years NAU
- **3+1:** 3 years WBU + 1 year NAU



**NORTH
AMERICAN
UNIVERSITY**

YOUR THREE-YEAR JOURNEY

FROM YOUR FIRST PROGRAM TO YOUR FINAL PRODUCT.

We start with the fundamentals and guide you to independent, professional work.



YEAR 1

BUILD YOUR FOUNDATIONS

YOU LEARN programming, object-oriented programming, web development, databases, mathematical reasoning, logical circuits and professional skills.

YOU BUILD your first working programs, web and database solutions - and the confidence to explain how they work.

YEAR 2

DESIGN INTELLIGENT & CONNECTED SYSTEMS

YOU LEARN software engineering, algorithms, data science, operating systems, AI, machine learning, networks, graphics, servers and system design.

YOU BUILD data-driven applications, graphical interfaces and software that processes information, images and complex inputs.

YEAR 3

DELIVER SECURE, INDUSTRY-READY SOFTWARE

YOU LEARN mobile development, Agile project management, secure processes, testing & QA, cybersecurity, cloud computing and electives such as IoT or game programming.

YOU BUILD a tested, documented final product; professional-practice experience; and a thesis or final exam that proves your readiness.

THE ENGINEER BEHIND THE CODE

THE SKILLS TECHNOLOGY TEAMS EXPECT

PROBLEM-SOLVING

SYSTEM THINKING

TEAMWORK

COMMUNICATION

ETHICS & SECURITY

ADAPTABILITY

A WBU GRADUATE STORY

SKILLS YOU CAN SHOW.

A DIRECTION YOU CAN OWN.

“At WBU, I turned what I learned in class into practical work, strengthened my problem-solving skills, and grew with the support of my lecturers. I graduated ready to keep learning, building, and contributing to the technology sector.”

ALKIDA ISAKU

Recent Software Engineering graduate

President's Honor List •

Selected for a Raiffeisen Bank Albania internship opportunity



YOUR CAREER CAN MOVE ACROSS INDUSTRIES

CHOOSE THE PROBLEMS YOU WANT TO SOLVE

SOFTWARE ENGINEER

applications & systems

WEB / MOBILE DEVELOPER

digital products

DATA & AI SPECIALIST

models & insight

CLOUD / SYSTEMS

infrastructure

CYBERSECURITY

secure software

TESTING & QA

quality automation

IMAGE COMPUTING

graphics & biomedical imaging

RESEARCH / MSc

innovation & further study

WHAT WE WANT YOU TO KNOW



- Clear 3-year / 180-ECTS structure.
- English-language study and Erasmus+ mobility.
- Practice and internship opportunities from Year 1.
- Academic mentoring, certification, career support.

- Scholarships up to 100%
- Career options in technology, banking, healthcare, telecoms, e-commerce, consulting, research and public services.

YOUR FUTURE IN TECH STARTS HERE.

1 APPLY ONLINE

2 INTERVIEW

3 REGISTER

wbu.edu.al • admissions.wbu.edu.al • +355 67 60 20 600 / +355 67 40 20 600

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SCAN TO EXPLORE
THE PROGRAM

WBU - UNIVERSITY OF ENDLESS OPPORTUNITIES