



EUROPEAN BACHELOR'S IN COMPUTER NETWORKS AND SECURITY - LEVEL 6 EQF



Level
6 EQF (*European Qualifications Framework*)



Duration
1 year



Credits
60 ECTS



Target group
Students - people seeking employment - employees and professionals in the sector



Admission requirements
Candidates holding a level 5 EQF qualification or a qualification equivalent to the attainment of 120 ECTS



Course Structure
Full-time or work-study



Pedagogical methods
Theoretical courses, tutorials and practical work
Case studies and professional scenarios
Individual and group projects



Professional assessments :

- Continuous assessment
- Case Study (6h)
- Activity report and professional support (30 min)

CCE :

- Quizzes (1h20)

Modern language :

- Reading Comprehension (1h)
- Listening (45min)

The FEDE, as a certifier, is in charge of the assessment processes

- Organisation and planning of exam sessions
- Development of topics and model answers
- Ensuring compliance with examination regulations and supervision (anonymity, integrity, confidentiality)
- Assessment and marking of papers
- Reporting results, issuing diplomas, diploma supplements and certificates

www.fede.education/en/fede-quality-charter

In the digital age, IT security and data protection have become a priority for organisations, which must anticipate and put in place effective systems and processes to protect their customers, partners and users.

The **European Bachelor's in Computer Networks And Security** is designed to train future professionals to acquire solid technical skills. They will be able to repair faults, analyse and monitor systems and thus guarantee the safety of the entire structure.

These experts will also be able to work in project mode, as part of a team, develop professional intelligence, keep abreast of the latest technological advances, and continually upgrade their IT security skills.

LEARNING OUTCOMES

- Acquire knowledge of IT security
- Know the safety standards
- Master the techniques and tools for counter-attacks on the OS and networks
- Implement a safety plan
- Identify and correct database management system software vulnerabilities
- Manage certificates
- Master the concepts of cryptology
- Master sales contracts on e-commerce sites

PROGRAMME

PROFESSIONAL SKILLS (340-410 HOURS)

IT basics - Concepts and fundamentals of IT security - Linux/Windows/iOS operating system security - Network security - Database security - Web security - IT law

Professional assignment (≥12 weeks)

Internship - Apprenticeship - Salaried employment

MODERN LANGUAGE (60-80 HOURS)

Modern language 1 - CEFR Level B1
German, English, Spanish, French, Italian, Portuguese
Modern language 2 and 3 (optional)
German, English, Arabic, Chinese, Spanish, French, Italian, Portuguese

CAREER DESTINATIONS

- Computer Technician
- Network Security Technician
- Systems and Network Administrator

FEDE'S ASSET - EUROPEAN DEGREE

EUROPEAN CULTURE AND CITIZENSHIP (40H)

The European project: Culture and Democracy for Active Citizenship

- Importance of History (OHE - Observatory on History Teaching in Europe)
- Contemporary Europe
- Europe and the World
- Cultures and diversity in Europe
- European citizenship
- The Workings of the European Union
- Importance, challenges and future of European construction
- Focus on corruption (GRECO)

Intercultural management and human resources

- Culture and cultural diversity
- Intercultural communication in an organisation
- Managing intercultural aspects and resolving cultural conflicts
- Working in Europe
- Social protection systems in Europe
- Corporate Social Responsibility (CSR)