



# EUROPEAN BACHELOR'S IN MOBILE APPLICATION DEVELOPMENT - 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](http://www.fede.education/en/fede-quality-charter)

**T**oday, digital is essential for all businesses, requiring specialists to lead innovative projects. With the growth of connected objects and new technologies such as smartphones and Big Data, demand for mobile applications is rising sharply.

The **European Bachelor's in Mobile Application Development** trains professionals to design and develop mobile applications for various devices and connected objects, using native and hybrid languages. It also enhances learners' skills in analysing customer needs.

## LEARNING OUTCOMES

- Take charge of a web app, native or hybrid application development project
- Manage the various stages of a digital project for connected objects, from audit to production launch
- Formalise data modelling, storage and exchange requirements, as well as the design of web services and dedicated mobile applications
- Develop and produce mobile projects for smartphones, tablets, connected watches, etc.
- Program the functionalities that correspond to a customer's needs for a mobile application, a website adapted for consultation on a mobile phone/digital tablet or an application developed in a native language

## PROGRAMME

### PROFESSIONAL SKILLS (380-490 HOURS)

Web project management and agile methods - HTML CSS front-end development - MERISE and NoSQL  
Database management system Software - Object and UML2 development - PHP back-end development with APACHE or NGINX - C# and ASP.net development with Visual Studio - JAVA development for Android  
Studio - SWIFT IOS development with XCODE - C# and XAMARIN development - Cross Platform JavaScript - Connected Objects development - Device and mobile application security - Legal and commercial aspects of a website

### 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

- Web App Developer (responsive design) and native applications (Android, IOS, etc.)
- Mobile Web Services Developer
- Active participant in mobile digital transformation projects
- Mobile e-commerce site designer and business impact analyst for the company
- Analyst responsible for modelling and managing data from a connected IS
- Mobile web/connected applications project manager (after a few years' experience)

## 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)