PICK & MIX COURSES

Whatever your training, every semester you will follow five teaching units (UE). These UE will allow you to adapt your training according to your profile.

ARTS, LITERATURE, LANGUAGES

**Bachelor's degrees**
- **Applied Foreign Languages**
  - America: English-Spanish-Portuguese
- **Literature**

**Master's degrees**
- **Applied Foreign Languages**
  - Languages, culture, international business - America
  - Languages, culture, international business - Asia/Pacific
  - Audiovisual and digital projects management *
- **Management and international trade**
  - Economics and international trade - Asia

**University degrees in French studies** (DUEF A2, B1, B2, C1)

HUMANITIES

**Bachelor's degrees**
- **Geometry and urban planning** *
- **History**

**Professional bachelor's degrees**
- **Heritage, languages and tourism**
- **Geographic information systems**

**Master's degrees**
- **History**
  - Projects or cultural institutions management *
  - e-Tourism and cultural engineering of heritage
- **Teacher Training**
  - Teaching young children (primary schools)
  - Teaching History and Geography (secondary schools)
- **Environmental sciences**
  - Geography applied to coastal management **
SCIENCES, TECHNOLOGY, HEALTH

Technology degrees (higher certificate)
> Bioengineering (*2nd year)
> Civil engineering and sustainable building (*2nd year)
> Computer science
> Networks and telecommunications

Bachelor’s degrees
> BSc Civil engineering *
> BSc Computer science *
> BSc Mathematics *
> BSc Physics and chemistry *
> BSc Earth sciences *
> BSc Life sciences *
> BSc Health sciences *

Professional Bachelor’s degrees
> BSc Lab analysis and traceability *
> BSc Aquaculture and littoral environment (AQUAREL) *
> BSc Design and production in food industry *
  Training site partly at Surgères
> BSc Low consumption and passive wood buildings *
> BSc Building Information Modeling (BIM) *
  Coordination for the accomplishment of a work, from the offer to commissioning
> BSc Environment and building
> BSc Construction site supervision *
> BSc Professional optics *
  Training site partly at Brioux-sur-Boutonne
> BSc Network management and security *
> BSc Full stack developer *
> BSc Front-end web designer *
> BSc Full stack mobile developer *
> BSc IOT (Internet of things) developer *

Master’s degrees
> MSc Biotechnology
  - Applied Blue Biotechnology Master (M2) *
  - Biochemistry *
  - Biotechnological engineering and management in agro-industries *
> MSc Civil engineering
  - Management and Integration of Energy Efficiency and Renewable Energies ‘GI3ER’ *
  - Building engineering: New Techniques for Construction and Renovation ‘TNCR’ *
> MSc in Information Technology "ICONE"
  - Software Architect **
  - Data **
> MSc Mathematics and applications
  - Mathematics and interactions, MIX *
> MSc Teaching education and training (for secondary level)
  - Mathematics
  - Life sciences and earth sciences
> MSc Materials science and engineering
  - Materials and structures durability **
  Jointly accredited with Universities of Poitiers and Limoges
> MSc Environmental sciences
  - Coastal Geosciences and Geophysics *
  - Environmental Management and Coastal Ecology *

Engineering degree CESI
> Building and Civil engineering *
  In partnership with CESI Engineering College

* Available as a sandwich course (alternated training)
* Master’s degree in Engineering curriculum opportunity

The courses prospectus is subject to the opening of classes/modification.
National certifications
- **PIX**: Computer skills certification
  - Bachelor: level 1
- **C2i**: Computer use certification
  - Bachelor: level 1
  - Master: level 2
  - Jobs in education, law, engineering, environment
- **TOEIC**: Test of English for International Communication
- **TOEFL**: Test of English as a Foreign Language
- **Voltaire**: Certification in French grammar and spelling

Competitive examination preparation
- **Careers in administration and law and justice**

National degrees (high school diploma level)
- **DAEU** options A and B

French as a foreign language diplomas
- **DELF**: French as a foreign language certificate
- **DALF**: Advanced French as a foreign language diploma

University degrees (DU) are also open each academic year. They can be found on the University’s website.
**LICENCE MASTER DOCTORAT (LMD) SYSTEM**

**BACHELOR - MASTER - PHD**

Access to DUT, professional bachelor’s degree, master and PhD is selective. Professional bachelor’s degree is accessible after 2 years in higher education.

*ECTS, European Credit Transfer System, is the European system allowing credit transfer for students between higher education institutions. A full academic year represents 60 ECTS. It is based on the student workload required to achieve the objectives of a program, indicated in terms of learning outcomes and skills to be acquired.*
More information: formations.univ-larochelle.fr