La Rochelle Université

Together envisioning new horizons!

COURSES
PROSPECTUS
2020 – 2021
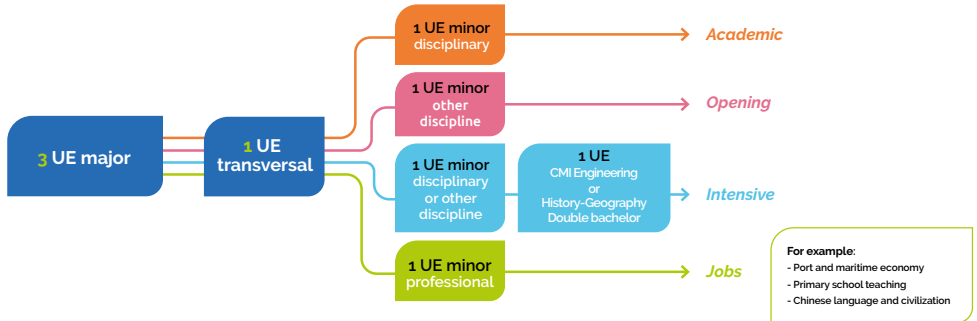
PICK & MIX COURSES

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.

ACADEMIC CAREER

3 UE major → **1 UE transversal**

- **1 UE minor** disciplinary → *Academic*
- **1 UE minor** other discipline → *Opening*
- **1 UE minor** disciplinary or other discipline → **1 UE** CMI Engineering or History-Geography Double bachelor → *Intensive*
- **1 UE minor** professional → *Jobs*

For example:
- Port and maritime economy
- Primary school teaching
- Chinese language and civilization

ARTS, LITERATURE, LANGUAGES

↗ Bachelor's degrees
> **Applied Foreign Languages**
- America: English-Spanish-Portuguese
- Asia-Pacific: English-Chinese, English-Korean, English-Indonesian
> **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
> **Geography 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 accreddited 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

The Master in Engineering is a 5-year selective course leading to BSc and MSc degrees in engineering.

* *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.

LAW AND MANAGEMENT

↗ Preparatory class
> For business schools (Economics)

↗ Technology degree (higher certificate)
> Business studies

Also offered in special year

↗ Bachelor's degrees
> Law
> Management

Only programme available as part of an apprenticeship: Finance, Insurance and Banking (Final Year degree - Year 3)

↗ Professional bachelor's degrees
> Business law, management and accounting *
> e-Tourism *
> Property manager *
> E-trader *
> Web editor *

↗ Masters
> Business law (* in M2)
> Insurance law *

Jointly accredited with University of Poitiers, training site is at Niort

> Digital law
- Third-party trust and digital security
> Public law
- Regional and environmental law and public policy
> Justice, trials and proceedings
- Procedural law
> Information systems management
- Intelligence of information systems *
> Business administration and management *
> Sales marketing
- Digital marketing *
> Environmental sciences
- Environmental management
> Tourism
- Hospitality and tourism management *

OTHERS DEGREES AND CERTIFICATES

↗ 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)
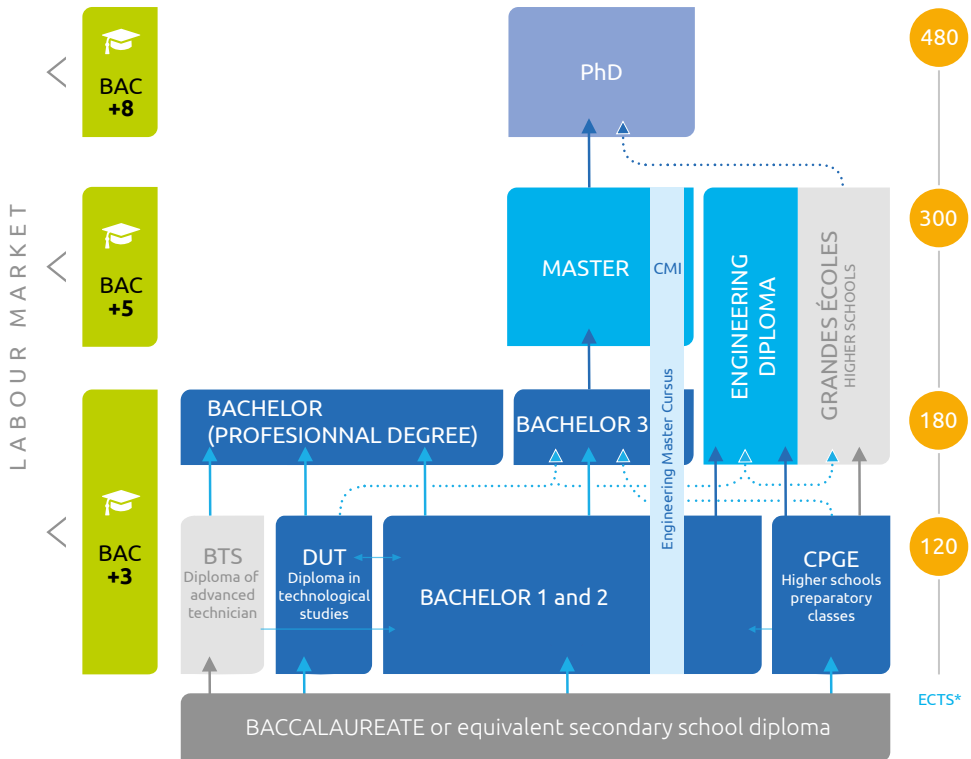> **DAEU** options A and B

↗ 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

BAC **+8**	PhD
BAC **+5**	MASTER — CMI — ENGINEERING DIPLOMA — GRANDES ÉCOLES HIGHER SCHOOLS
BAC **+3**	BACHELOR (PROFESIONNAL DEGREE) — BACHELOR 3 — Engineering Master Cursus

480

300

180

120

LABOUR MARKET

BTS
Diploma of advanced technician

DUT
Diploma in technological studies

BACHELOR 1 and 2

CPGE
Higher schools preparatory classes

BACCALAUREATE or equivalent secondary school diploma

ECTS*

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

- DUT
CONTRÔLÉ PAR L'ÉTAT

- DIPLÔME NATIONAL DE LICENCE
CONTRÔLÉ PAR L'ÉTAT

- LICENCE PROFESSIONNELLE
CONTRÔLÉE PAR L'ÉTAT

- DIPLÔME NATIONAL DE MASTER
CONTRÔLÉ PAR L'ÉTAT

- DIPLÔME NATIONAL DE DOCTORAT
CONTRÔLÉ PAR L'ÉTAT

- CLASSE PRÉPARATOIRE
CONTRÔLÉE PAR L'ÉTAT

- DIPLÔME D'INGÉNIEUR
CONTRÔLÉ PAR L'ÉTAT

* 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.

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