



NANTES

# ÉCOLE CENTRALE DE NANTES



**Centrale Nantes, a member of Groupe des Ecoles Centrale, was founded in 1919 and is in the Top 4 of French higher education and research institutions in Science and Engineering. Its purpose is to develop top level scientists and engineers in multidisciplinary and specific fields. Thanks to its collaboration with economic bodies, global companies and other networks, Centrale Nantes was one of the very first schools to combine three activities within its structure: Education, Research and Industrial Studies.**

## ◆ MAIN PROGRAMMES OF STUDY

Students can follow the Engineering track, one of the 6 Master's degrees and 15 specialism in English on the Campus at Nantes or the BBA Big Data and Management.

- Masters' programs at Centrale Nantes are Fully taught in English (City and Urban Environment / Mechanical Engineering / Marine Technology / Civil Engineering / Control and Robotics).

- 5 Master's programs also received the "Erasmus Mundus" label of excellence delivered by the European Commission, Centrale Nantes coordinates 3 of them.

- Erasmus Mundus Masters:

\*E-PiCo - Master in Electric Vehicle Propulsion and Control

\*JEMARO - Japan Europe Master in Advanced Robotic

\*DREAM - Dynamics of RENEwABLES-based power systems

\*REM+ - Renewable Energy in the Marine Environment

\*EMShip+ - Advanced Design of Ships and Offshore Structures

- Centrale Nantes also has several double degree agreements at the master's level and plays a role in top-notch consortium such as EIT-Manufacturing School.

- A pre-master year « Foundation Master » is proposed to students who wish to consolidate their knowledges and be stronger in Mathematics before joining a Master programme.

- For students who prefer to receive a "Diplôme d'ingénieur", the "Engineering fast track programme" allow you to get it in 2 years.

- The BBA Big Data and Management is a four-year bachelor programme combining Management and Engineering co-created with Audencia.

All of Centrale Nantes' programs are recognized and accredited by the French Ministry of Higher Education and Research.

## ◆ RESEARCH

Hotbeds of innovation and open-mindedness, the 6 research laboratories of the school and its 500+ researchers provide strong links with the local and international industrial fabric. They enjoy a reputation for excellence in the world, particularly in naval hydrodynamic, civil engineering, composite materials, robotics and big data analysis. 12 industrial chairs were created and more than 100 contracts are processed annually, in accordance with public bodies, large groups and small to medium sized businesses.

## ◆ STRENGTHS

- 87 nationalities

- 188 partner universities in the world

- 43% of International students on campus

- Expertise in Erasmus Mundus projects

- International Master's programs fully taught in English

- 100% of the Engineering students are going abroad (at least 1 semester - 60% for a Double Degree).

- administrative and educational supports during their stay (personal academic tutor, housing, language classes)

- attractive scholarships

- 80 clubs and associations.

- downtown Nantes is 10 minutes away by tramway.

## ◆ LOCATION

Located at the mouth of the Loire river and the Atlantic coast (2 hours by train to Paris), Nantes is by nature a welcoming, creative and forward-looking city, with a remarkable balance between historical heritage and innovation, way of life, economy and culture. Its economic clout make Nantes France's 3rd largest industrial city (ship building, components for the aeronautical industry, materials, robotics,...) and the 2nd most successful city in terms of employment growth.



## IDENTITY FORM

### ◆ Precise name of the institution

École Centrale de Nantes

### ◆ Type of institution

Public - Ministry of Higher Education and Research

### ◆ City where the main campus is located

Nantes

### ◆ Number of students

2 500

### ◆ Percentage or number of international students

43%

### ◆ Type and level of qualifications awarded

Engineering degree of Ecole Centrale de Nantes - Master - Doctorate

### ◆ French language courses

Yes - Included in the study programme

### ◆ Programs for international students

Yes - Full and Exchange programs

### ◆ Programs in English

Yes - Master, Foundation Master, Engineering Fast Track, PhD, BBA, Bachelor

### ◆ Registration fees/year (for information only)

Information available on the institution website

### ◆ Postal address

1, rue de la Noë - 44321 Nantes Cedex 3 - France

[ec-nantes.fr/english-version](http://ec-nantes.fr/english-version)



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