

FACT SHEET FOR CENTRALE NANTES 2024/25

Name of the Institution	Ecole Centrale de Nantes
Institutional Erasmus Code	F NANTES07
Institution Website	https://www.ec-nantes.fr/english-version
Erasmus Institutional Coordinator	Email : international@ec-nantes.fr
International Mobility Manager	Ms Clémentine HOUSSAIS Email : international@ec-nantes.fr
Address	Centrale Nantes 1 rue de la Noë 44300 NANTES
Academic Calendar	Autumn Semester: September 1st – January 31 st Spring Semester: February 1st – June 30 th
Nomination	By email to international@ec-nantes.fr Deadline: Autumn Semester 1 st May Spring Semester 15 th October
Application	Through link received by email. Deadline: Autumn Semester 15 th May Spring Semester 30 th October
Documents for Application	<ul style="list-style-type: none"> > CV (or a Europass for European students) > a cover letter (in French or English) > the latest transcript of records > a complete and signed learning agreement (use the templates downloadable on our website) > copy of ID or passport
Language requirements (for partners)	Recommended: B1 in French for courses in French B1 in English for courses in English (no certificate needed for partners)
Useful Information	Centrale Nantes Practical Information
Double Degree Information	Information related to Double Degree in Engineering
Semester Exchange	Information for Semester Exchange Students
Introduction Video	A short introductory video (follow us on Youtube for more)
Virtual tour of the Campus	Visit ECN Campus Virtually

PROGRAMMES PROPOSED BY CENTRALE NANTES

<p><u>Master's Programmes</u> (In English)</p>	<p>Marine Technology (M-TECH)</p> <ul style="list-style-type: none"> • HYDRODYNAMICS FOR OCEAN ENGINEERING • ATLANTIC MASTER ON SHIP OPERATION & NAVAL ENGINEERING <p>Mechanical Engineering (M-ENG)</p> <ul style="list-style-type: none"> • ADVANCED MANUFACTURING • ENERGETICS AND PROPULSION • ADVANCED COMPOSITE ENGINEERING AND SCIENCE • COMPUTATIONAL MECHANICS (M2 ENTRY ONLY) <p>Control and Robotics (CORO)</p> <ul style="list-style-type: none"> • SIGNAL AND IMAGE PROCESSING • ADVANCED ROBOTICS • CONTROL SYSTEMS (M2 ENTRY ONLY) <p>Civil Engineering (C-ENG)</p> <ul style="list-style-type: none"> • MATERIALS AND STRUCTURES IN THEIR ENVIRONMENT <p>City and Urban Environments (U-ENV)</p> <ul style="list-style-type: none"> • ATMOSPHERE, WATER AND ENVIRONMENT (M2 ENTRY ONLY) <p>Industrial Engineering (I-ENG)</p> <ul style="list-style-type: none"> • AGILE FACTORY MANAGEMENT • SMART AND CONNECTED ENTERPRISE
<p><u>Engineering Options</u> (In French)</p>	<p>Automatic Control and Robotics</p> <ul style="list-style-type: none"> • ENERGY CONTROL AND MANAGEMENT • DATA ANALYSIS AND APPLICATIONS IN SIGNAL AND IMAGE PROCESSING • ROBOTICS <p>Product Design and Industrial Systems</p> <ul style="list-style-type: none"> • INDUSTRIAL ENGINEERING • LOW-TECH ENGINEERING • PRODUCT ENGINEERING • HEALTH, INNOVATION, MANUFACTURING <p>Mathematics, Computer Science and Biology</p> <ul style="list-style-type: none"> • SMART POSITIONING AND SUSTAINABLE MOBILITY • COMPUTER SCIENCE FOR INFORMATION SYSTEMS • COMPUTER SCIENCE FOR ARTIFICIAL INTELLIGENCE • MATHEMATICS AND APPLICATIONS • VIRTUAL REALITY • DIGITAL SCIENCES FOR LIFE SCIENCES AND HEALTHCARE <p>Fluid Mechanics and Energetics</p> <ul style="list-style-type: none"> • AERONAUTICS • RENEWABLE ENERGIES AND GRID INTEGRATION • OCEAN: HYDRODYNAMICS AND MARINE ENGINEERING • ENERGY PRODUCTION AND MANAGEMENT • PROPULSION AND TRANSPORT • ENGINEERING SCIENCE FOR HOUSING AND URBAN ENVIRONMENT <p>Mechanics, Materials and Civil Engineering</p> <ul style="list-style-type: none"> • CIVIL ENGINEERING AND SUSTAINABLE CONSTRUCTION • MECHANICAL ENGINEERING FOR MATERIALS AND MANUFACTURING PROCESSES • ADVANCED MODELLING AND ANALYSIS OF STRUCTURES

- > For the **DOUBLE DEGREE**: a relevant agreement mentioning 'Master' or 'Engineering' must be signed.
 - **Standard DD mobility path**: S5+S6->S7+S8 (Y1+Y2) OR S5+S6->S9+S10 (including Final Project) (Y1+Y3)
- > For **EXCHANGE**: both **MOU** or **Erasmus+** agreements allow **access to Master's options**.
 - Exchange for one or two semesters in the year M1 or M2.

ERASMUS MUNDUS

Apply for one of our Erasmus [Mundus Programmes](#)

 <p>E-PiCo Electric Vehicle Propulsion & Control</p>	<p>E-PiCo Electric Vehicle Propulsion & Control</p>	<ul style="list-style-type: none"> Centrale Nantes, France (coordinator) Christian-Albrechts-Universität zu Kiel, Germany Università degli Studi dell'Aquila, Italy Universitatea Politehnica din Bucuresti, Romania
 <p>JEMARO</p>	<p>JEMARO Japan-Europe Master on Advanced Robotics</p>	<ul style="list-style-type: none"> Centrale Nantes, France (coordinator) Keio University, Japan University of Genoa, Italy Warsaw University of Technology, Poland
 <p>REM+ PLUS Renewable Energy in the Marine Environment</p>	<p>REM+ Renewable Energy in the Marine Environment</p>	<ul style="list-style-type: none"> University of the Basque Country (UPV) Spain (coordinator) Centrale Nantes, France Norwegian University of Science and Technology (NTNU), Norway University College Cork (UCC), Ireland
 <p>EMship+ Advanced Design</p>	<p>EMship+ European Masters Course Advanced Design of Ships and Offshore Structures</p>	<ul style="list-style-type: none"> University of Liège, Belgium (coordinator, M1) Centrale Nantes, France (M2 host) University of Rostock, Germany (M2 host) Polytechnic University of Madrid, Spain (M2 host) West Pomeranian University of Technology, Poland Dunarea de Jos University of Galati, Romania University of Genoa, Italy Southampton Solent University, United Kingdom
 <p>DREAM European Master</p>	<p>DREAM Dynamics of Renewables-based Power Systems Power Systems, Smart Grids Renewable Generation Automatic Control and Power Electronics</p>	<ul style="list-style-type: none"> Centrale Nantes, France (coordinator) Universitat Politècnica de Catalunya, Spain Hochschule für Technik und Wirtschaft, Germany Universitatea Politehnica din Bucuresti, Romania

