TOP REASONS TO DO EXCHANGE STUDIES AT EURECOM

Prof. Raphael Troncy (raphael.troncy@eurecom.fr)
Head of Msc in Data Science and Engineering
KEY FACTS ABOUT EURECOM

320 Master students
95 PhD students
27 Professors

A consortium of
10 universities
5 companies
1 institution
from
10 countries

3 Main fields of research and teaching
- Data Science
- Digital Security
- Communication Systems

30 years old
300 days of sun
3000 alumni

French Riviera
Academia

PMI
Institut Mines-Télécom
Politecnico di Torino
NTNU
Norwegian University of Science and Technology
TU Wien
Technische Universität Wien

Industry and institution

EDHEC
Business School
Aalto University
TUM
Technische Universität München
CHALMERS
University of Technology
Czech Technical University in Prague

Gouvernement Princier
PRINCIPAUTE DE MONACO
orange
SAP
iABG
NortonLifeLock
BMW Group
MINI
Rolls-Royce
Where diversity is not the exception but the norm!

INTERNATIONAL
BY DESIGN

- 320 Master students
- 95 PhD students
- 40 nationalities
- 27 Professors
- 70% foreign students & 70% foreign professors
- 100% courses taught in English
EURECOM is part of a brand new campus called SophiaTech and benefits from cutting-edge facilities.
EURECOM is located in the heart of SOPHIA ANTIPOLIS

One of the largest techno-parks in Europe

Some of the top companies offering internship opportunities to our Master & Post Master students:

SAP, BMW, monaco telecom, Symantec, iABG, orange, NVIDIA, IBM, HP, Thales, Alcatel-Lucent, Amadeus, Software Labs, Siemens, Arm, Fortinet, DLR, NXP, Magneti Marelli, PSA, KPMG, Delivery Hero Germany, Technicolor, HP, Nokia, CEA, Accenture
3 AREAS OF EXPERTISE

DIGITAL SECURITY
• System and Software Security
• Embedded System Security
• Applied Cryptography and Security Protocols
• Biometrics Privacy and Security
• Security and Privacy for Big Data and Cloud Computing

DATA SCIENCE
• Cloud Computing, High-Performance Computing
• Data Management Systems, Big Data
• Deep Learning, Statistical Inference, Computational Statistics
• Vision, Natural Language Processing, Recommender Systems
• Data Integration, Linked Data and Semantic Web

COMMUNICATION SYSTEMS
• Information and Communication Theory
• Systems and Protocols for Cellular and Heterogeneous Networks
• Device-centric and machine type communications, Internet of Things
• Cloud and Mobile Computing Architectures
• Open source 5G (OpenAirInterface International Software Alliance)
• Vehicular proximity networks, ITS (Intelligent Transportation Systems)
STUDENT MOBILITY*

*ELEGIBLE TO Erasmus+ SCHOLARSHIPS FOR MOBILITY
CURRICULA (100% taught in English)

- **Engineer degree (tracks eligible for exchange students)**
  - Recruitment after Concours (for French applicants) or Bachelor degree
  - State accredited Engineer degree (=Master degree) delivered by EURECOM and accredited by CTI
  - Duration: 36 months (180 credits)
  - Five specialties from year 2; **Digital Security, Data Science, Internet of Things, Intelligent communication Systems, Embedded Systems**

- **International Master Degree**
  - Direct recruitment after Bachelor degree (mainly foreign students)
  - State accredited Master degree delivered by EURECOM and IMT (accredited by French Ministry of Higher Education)
  - Duration: 24 months (120 credits)
  - Four subject areas: **Digital Security, Data Science, Internet of Things, Intelligent communication Systems**

- **Specialized Postmaster degrees**
  - Recruitment after Master degree
  - State accredited diploma delivered by EURECOM and accredited by CTI
  - Duration: 16 months (90 credits)
  - **Security in Computer Systems and Communications.**
Courses are organized into 5 Study Tracks with several compulsory courses and the rest being elective. More information: https://www.eurecom.fr/en/teaching/engineering-studies-exchange-students

You pick the courses you wish among 5 study tracks

- Data Science
- Digital Security
- Internet of Things
- Intelligent Communication Systems
- Embedded Systems

EURECOM’s organization is very flexible and allow students to design their own curriculum (if approved by their home university)

The whole catalogue of courses is open to exchange students

TECHNICAL COURSES

NON TECHNICAL COURSES
HANDS-ON APPROACH

• Balanced approach between theoretical input and practical application (Labs, Challenges, ...)

• Guest Speakers from the Industry

• Semester long projects on relevant industrial topics

• Visits in nearby companies and introduction to new technologies
MSc Thesis: JOIN THE ENTIRE WORLD AND BEST-IN-CLASS!

EURECOM students can browse a database of several hundreds of offers, fueled by the efficiency of its network of partners and relationships with local, national and international companies.
INDIVIDUAL ASSISTANCE

- Human-size school: Accessible professors and staff
- Favorable professor/students ratio
- A whole team dedicated to student’s administrative life
  - Administrative assistance: Health insurance, housing, bank account, ...
  - Help to find a flat and an internship
• A 3-week Intensive program of French language and cultural visits organized in September

• Included in the program (Free of charge for Exchange Students)

• Weekly French courses throughout the academic year
AN UNPARALLELED LOCATION

EURECOM’s awesome localization allows our students to enjoy culture, sports and discovery.

60 km from Italy

Gateway to main European Cities with low cost flights

1h30 from the sky slopes

20 min the beach
CONTACT DETAILS

Admin Coordinator:
Philippe Benassi
philippe.benassi@eurecom.fr

Academic Coordinator:
Florian Kaltenberger
florian.kaltenberger@eurecom.fr

DEADLINES FOR APPLICATION:

For Fall intake (September 2024): 29 May 2024
For Spring intake (February 2025): 30 November 2024

www.eurecom.fr/en