



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
French
Riviera

3000

alumni





Academia



Politecnico di Torino



Aalto University



Technische Universität München



Norwegian University of Science and Technology



CHALMERS UNIVERSITY OF TECHNOLOGY



CZECH TECHNICAL UNIVERSITY IN PRAGUE



TECHNISCHE UNIVERSITÄT WIEN Vienna | Austria



LIÈGE université

Industry and institution



Gouvernement Princier PRINCIPAUTÉ DE MONACO



NortonLifeLock

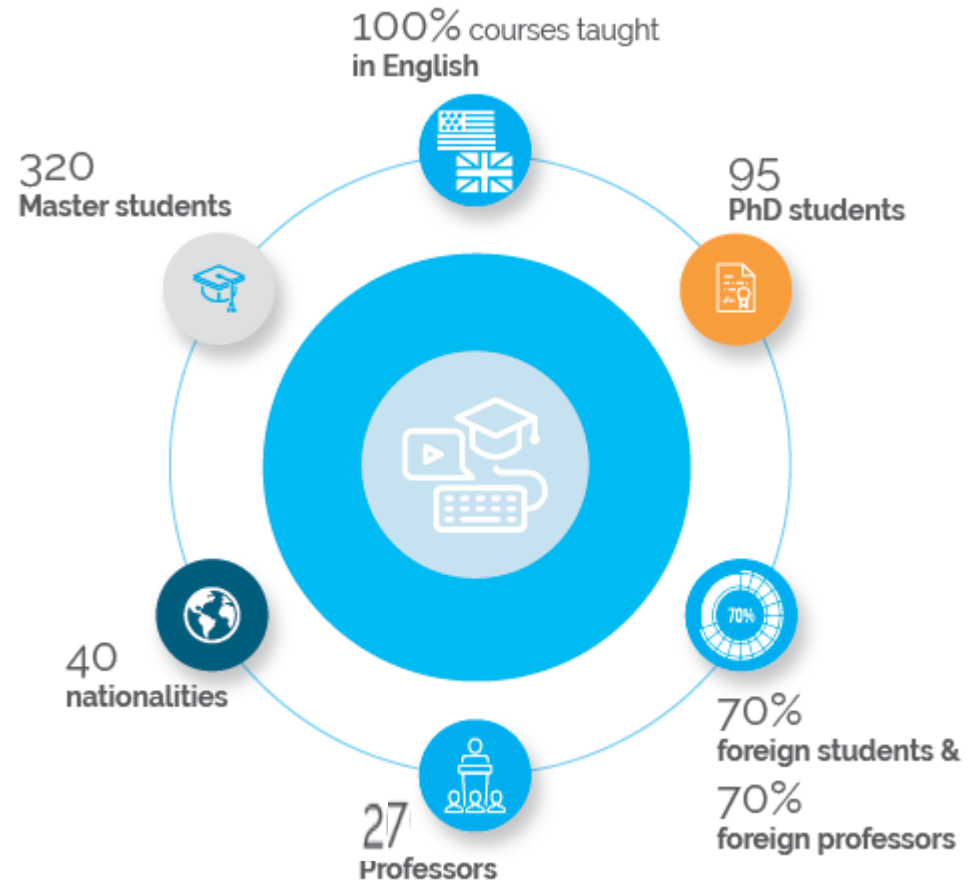
BMW GROUP



ROLLS-ROYCE MOTOR CARS LTD

Where diversity is not the exception but the norm!

INTERNATIONAL BY DESIGN



EURECOM is part of a brand new campus called SophiaTech and benefits from cutting-edge facilities



EUROPEAN SILICON VALLEY

EURECOM is located in the heart of SOPHIA ANTIPOLIS



2,330 companies
36,300 jobs
4,500 researchers
5,000 students
70 nationalities

One of the largest techno-parks in Europe

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



DLR, NXP, Magnetti Marelli, PSA, KMPG, 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)



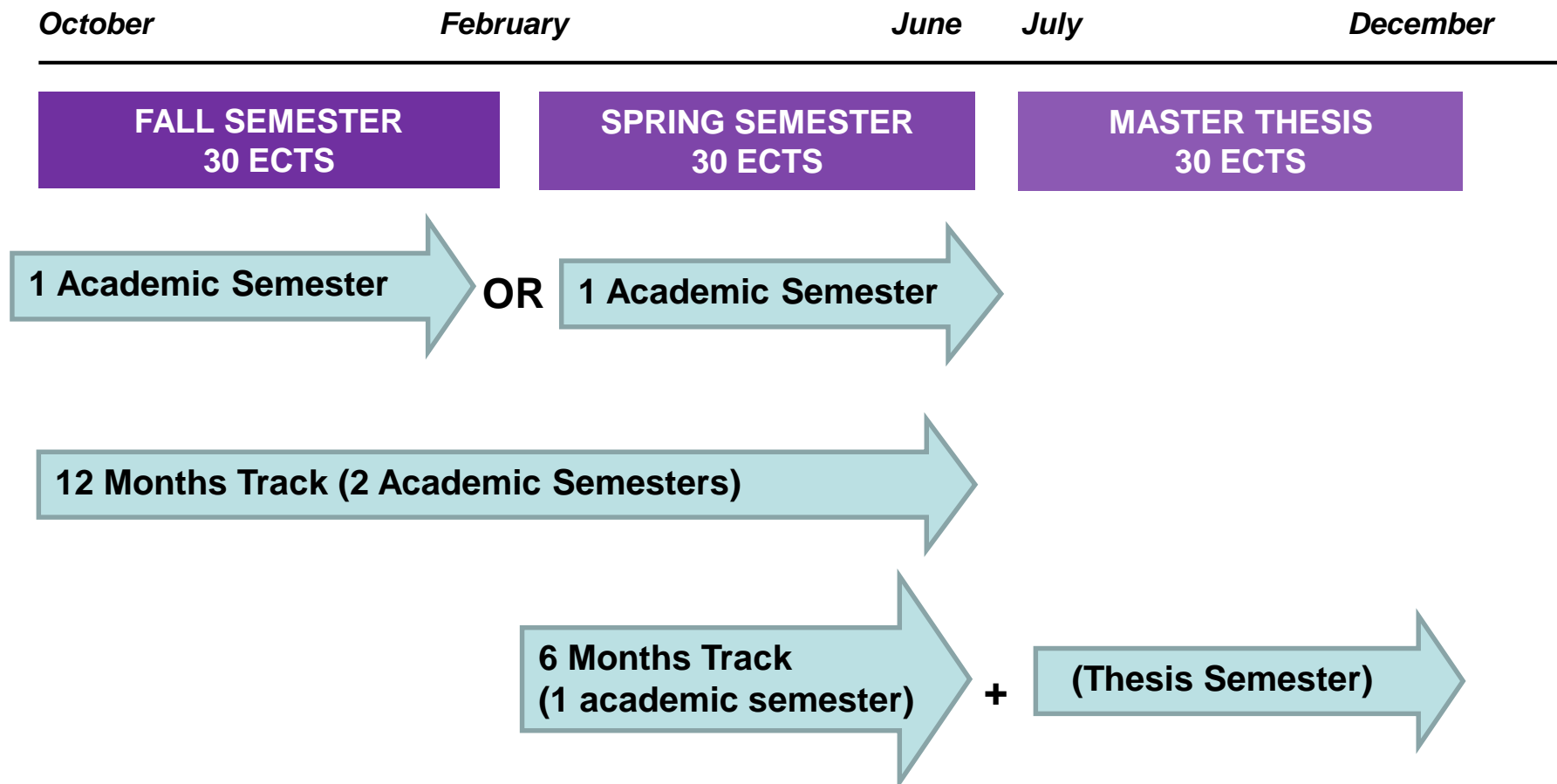
INTERNATIONAL FACULTY



27 **14**
Professors Nationalities



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.**



STUDY TRACKS / FLEXIBLE CURRICULUMS

- 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



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



EURECOM
Student Affairs Team

LANGUAGE AND CULTURAL TRAINING

- 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