TOP REASONS
TO DO EXCHANGE STUDIES
AT EURECOM

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KEY FACTS ABOUT EURECOM

300 Master students

75 Phd students

26 Professors

A consortium of

11 universities and

6 companies from

10 countries

3 Main fields of research and teaching

- Data Science
- Digital Security
- Communication Systems

300 Days of sun on the French Rivieria

EURECOM
Sophia Antipolis

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

ITS AREAS OF EXPERTISE

DATA SCIENCE & ENGINEERING

- Machine learning, deep learning and statistical modeling
- Big Data
- Data Science & Data Mining
- Business Intelligence
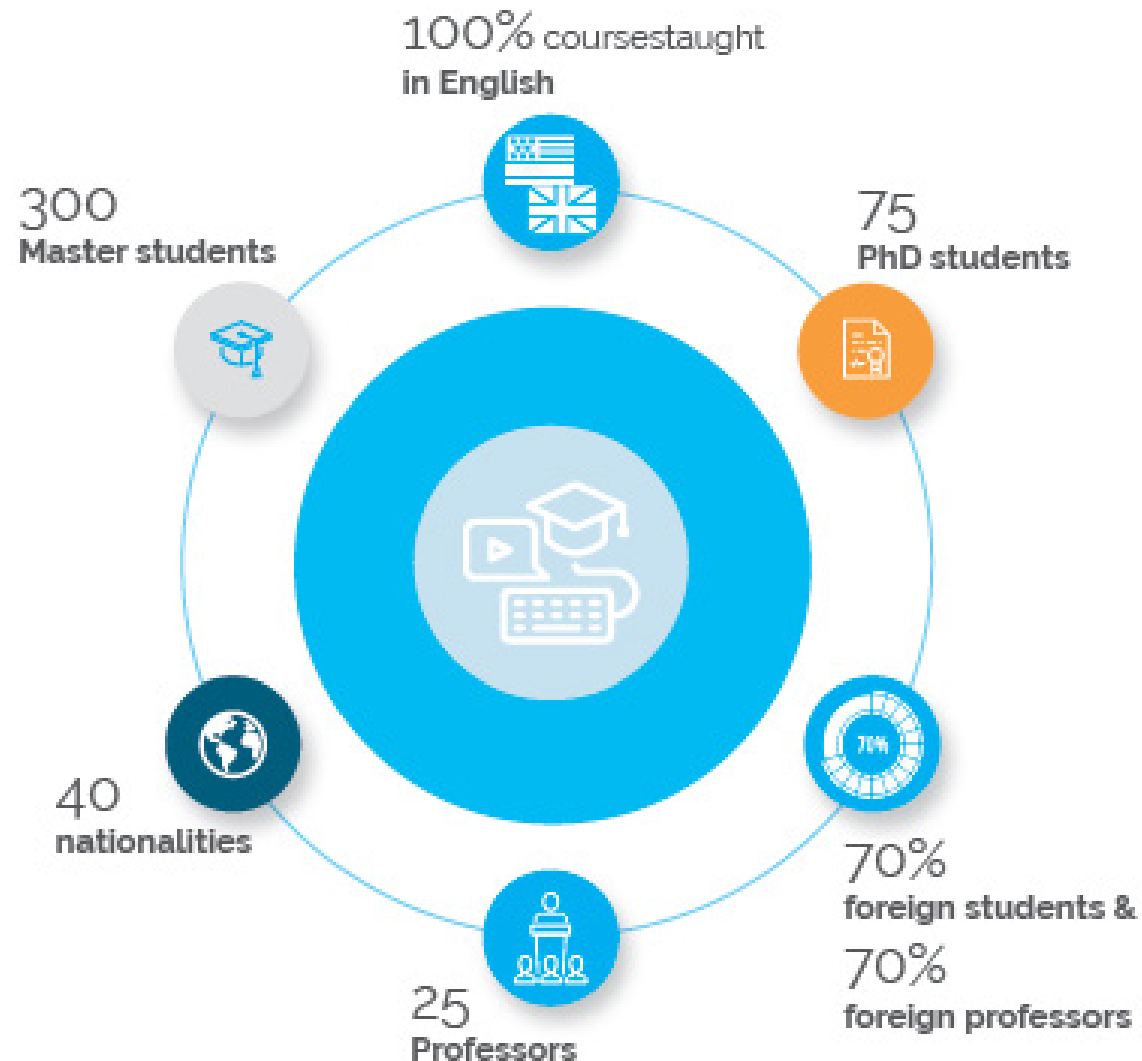- Artificial Intelligence

DIGITAL SECURITY

- System and Software Security
- Applied Cryptography and Security Protocols
- Biometrics and Digital Media

COMMUNICATION SYSTEMS

- Internet of Things
- 5G
- Wireless Communications
- Mobile Communications
- Mobile Networking
- Mobile Applications and Services
- Telecommunications

Diversity is not the exception: it's the norm !

A VERY INTERNATIONAL SCHOOL

100% coursestaught in English

300 Master students

75 PhD students

40 nationalities

25 Professors

70% foreign students & 70% foreign professors

STUDENT MOBILITY

October	February	June	July	December

FALL SEMESTER 30 ECTS

SPRING SEMESTER 30 ECTS

MASTER THESIS 30 ECTS
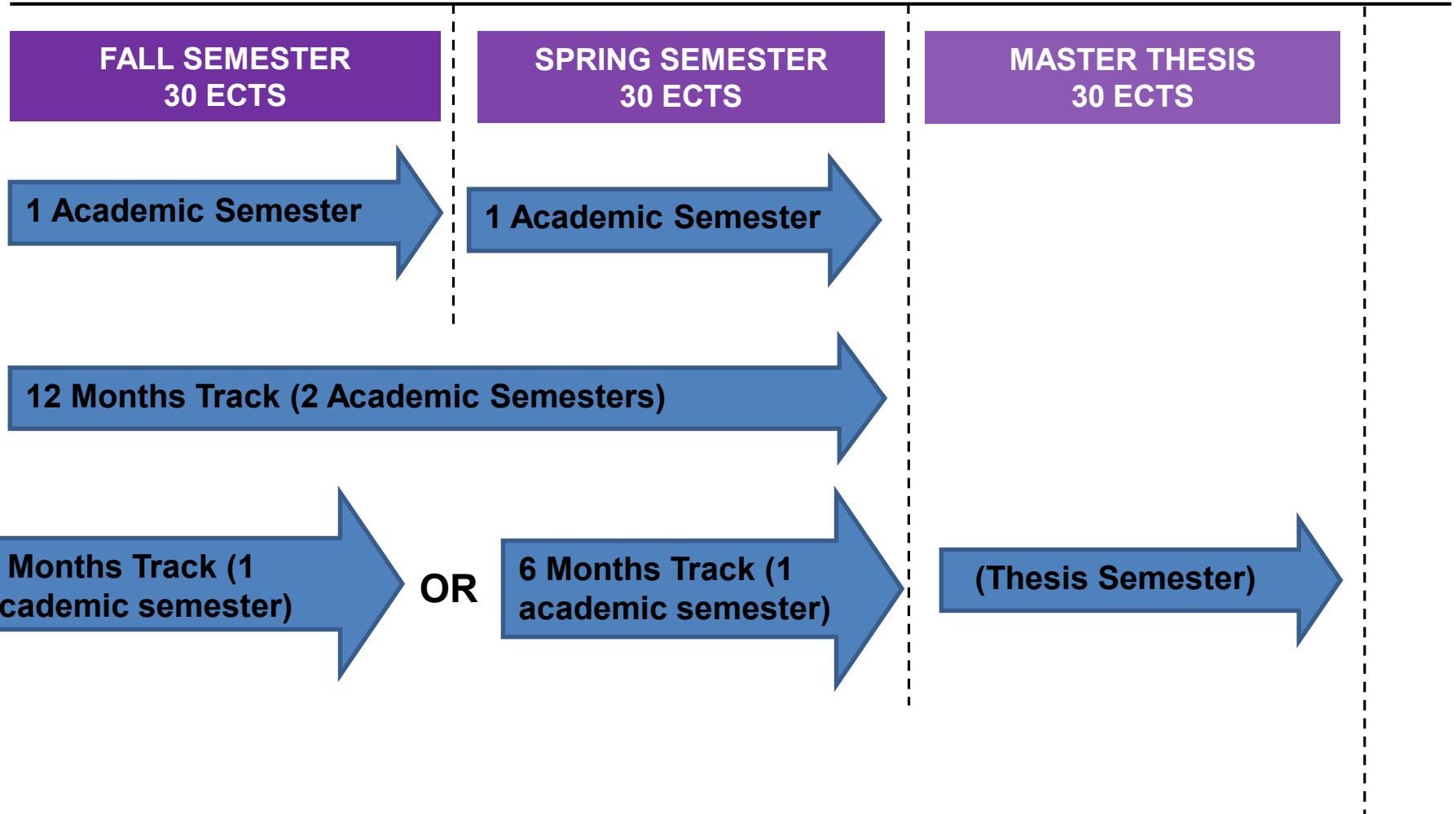
1 Academic Semester →

1 Academic Semester →

12 Months Track (2 Academic Semesters) →

6 Months Track (1 academic semester) →

OR

6 Months Track (1 academic semester) →

(Thesis Semester) →

STUDY TRACKS

Courses are organized into 5 Study Tracks with several compulsory courses and the rest being elective.   More information: http://www.eurecom.fr/en/teaching/engineering-studies/18-months-curriculum

You pick the courses you wish among 5 study tracks

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

FLEXIBLE CURRICULUM

EURECOM's organisation 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

FALL SEMESTER (OCTOBER-JANUARY)

Technical courses		
T	ATMM	Advanced topics in multimedia
T	ATWireless	Advanced topics in wireless communications
T	Clouds	Distributed Systems and Cloud Computing
T	CompArch	Computer architecture
T	DigiCom	Digital communications
T	EmSim	Emulation and simulation methodologies
T	G_Theory	Game Theory
T	ImCompress	Image and video Compression and Processing
T	InfoTheo	Information theory
T	MALIS	Machine Learning and Intelligent System
T	MathEng	Essential Mathematical Methods for Engineers
T	MMIR	Multimedia indexing and retrieval
T	MobCom	Mobile communication techniques
T	MobMod	Mobility Modeling

NON TECHNICAL COURSES

FALL SEMESTER (OCTOBER-JANUARY)

General courses		
G	Entrep	Entrepreneurship and Capital-Venture
G	GreenIT	Sustainable ICT's
G	Innov	Innovation & new product development
G	ManagIntro	Introduction to management
G	Property	Intellectual property law
G	TeamLead	Personal Development and Team Leadership

INSTITUT CARNOT
Télécom & Société numérique

EURECOM
Sophia Antipolis

CONTENT OF THE CURRICULUM

Technical Courses

- Innovative courses, designed in partnernship with EURECOM's academic and industrial members.
- Regularly assessed and updated.

Non Technical Courses

- 1/3 of the curriculum. **« Soft skills »** MBA type classes taught by experts from companies or professors from renowned business schools in Law, Management, Business simulation...

Semester Project

- Blend of theoretical and practical work under the supervision of a professor, often involves the building of a prototype. In teams of 2/3 students. (Around 90-100h per semester)

Foreign Languages

- Any foreign language can be taught provided there are 5 students min. with a similar level.

Master's Thesis

- Thesis on an industrial or research subject carried out in a company or a lab during 6 months. EURECOM maintains an updated database.
- Students are paid and integrated as part of the company' staff.
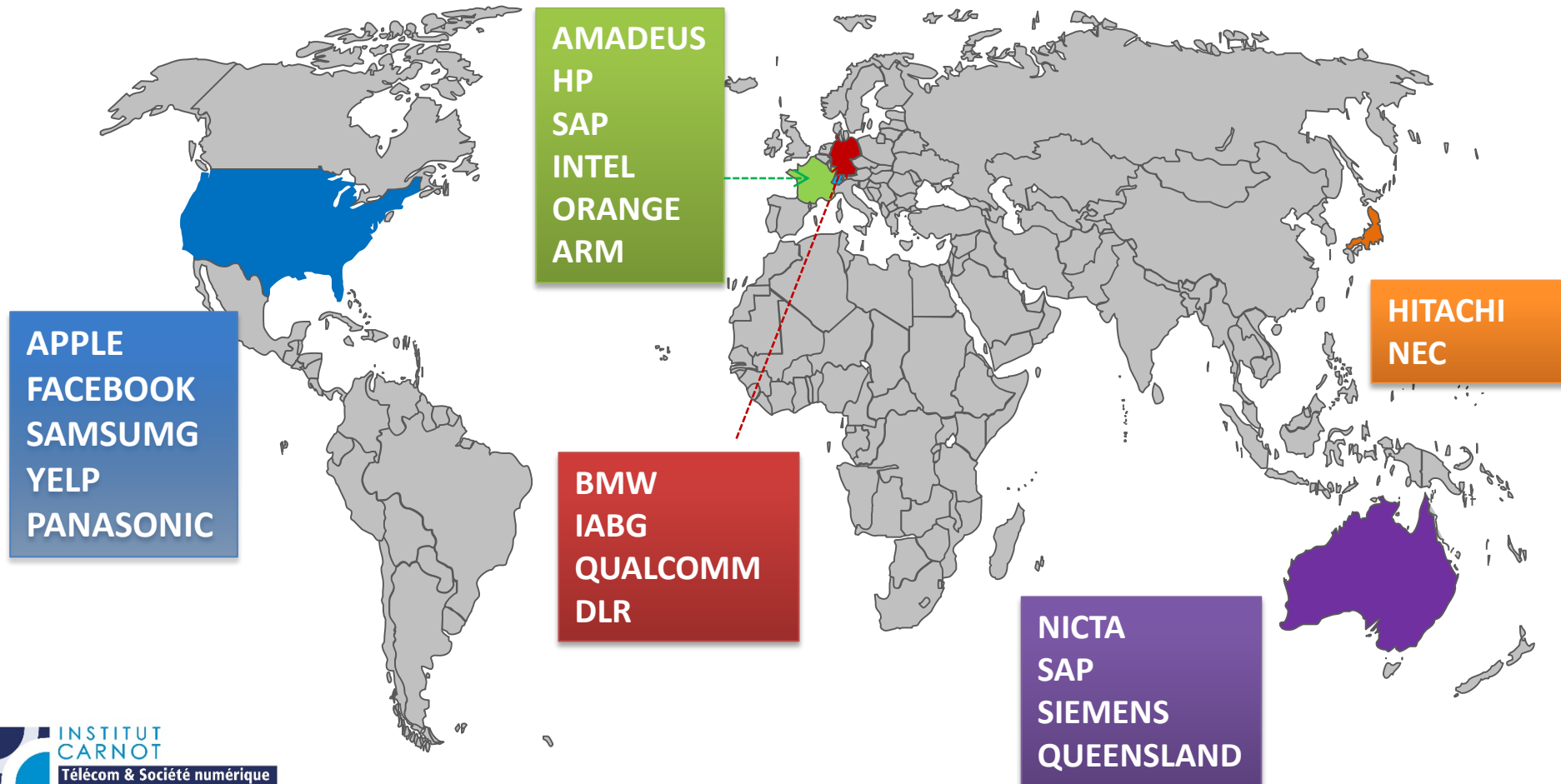
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HANDS-ON APPROACH

- **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**

MASTER THESIS OPPORTUNITIES

EURECOM provides students with a database of Master's thesis opportunities in labs and companies in France and abroad.

AMADEUS
HP
SAP
INTEL
ORANGE
ARM

HITACHI
NEC

APPLE
FACEBOOK
SAMSUMG
YELP
PANASONIC

BMW
IABG
QUALCOMM
DLR

NICTA
SAP
SIEMENS
QUEENSLAND

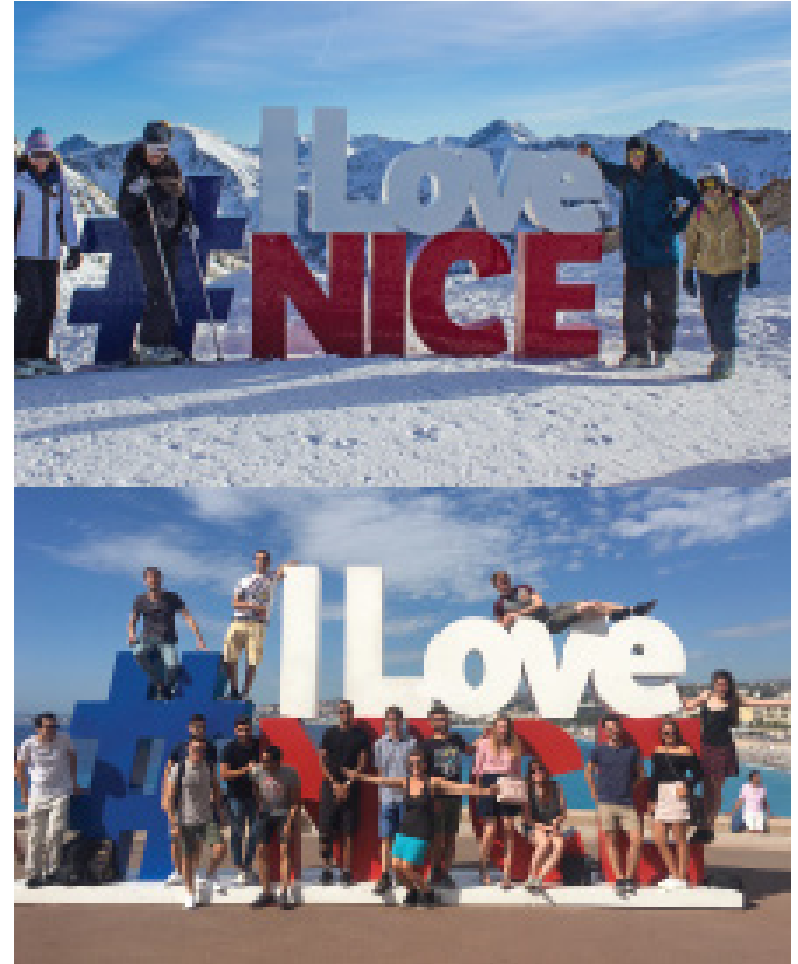INSTITUT CARNOT
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INDIVIDUAL ASSISTANCE

- Human-size school: Accessible professors and staff

- Favorable professor/students ratio

- A whole team dedicated to student's administrative life

  o Administrative assistance: Health insurance, housing, bank account...

  o 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

STUDENT ACTIVITIES

EURECOM has a very active Student's association organises many events all year long to fully enjoy your stay in France.

Weekend of Integration

International Meal

International Study trip

Ski Weekend

Many sport activities

Graduation and Alumni Events

AN UNPARALLELED LOCATION

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

60 km from Italy

Gateway to main European Cities with low cost flights

Fine Arts

Like the cinema ?
Enjoy the Festival de Cannes

CONTACT DETAILS

Admin Coordinator :
Philippe Benassi
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Academic Coordinator :
Florian Kaltenberger
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DEADLINES FOR APPLICATION :

For Fall intake (September 2022):   **29 May 2022**

For Spring intake (February 2022):   **30 November 2021**

www.eurecom.fr/en