EXCHANGE STUDY OPPORTUNITIES at EURECOM

Caroline HANRAS
International Relations Manager
29/06/2015
WHY STUDY in France?

- France is ranked 3rd most popular destination to study abroad according to the most recent [UNESCO report](#).

- Foreign students enjoy the same benefits as French students: monthly housing allowance, many discounts (transportation, cinema, sports...)

- France is one of Germany’s most important economic partner (import/export), it is assessed that 400,000 jobs depend on trade between both countries: importance to be familiar with each other’s culture/language.

- Easy recognition of qualifications in both countries: open up many professional opportunities
KEY FACTS ABOUT EURECOM

- 3 Main fields of research and teaching: Mobile Communications, Network and Security, Multimedia Communications

- 250 Master students
- 70 PhD students
- 23 Professors

First school outside the USA which was granted the "IEEE Major Educational Innovation Award"

A consortium of top universities and companies

Located on the French Riviera
KEY FACTS ABOUT EURECOM

- **68%** INTERNATIONAL STUDENTS
  - 30 nationalities

- **63%** INTERNATIONAL PROFESSORS
  - 13 nationalities

Curriculum ENTIRELY taught in ENGLISH!!

- 300 Days of sun

« it’s one of the best places to be in Europe ».
Manuel, TUM student at EURECOM 2013
EURECOM’s classes benefit from the latest advances in research from an international faculty who gained a world-wide recognition.

268 Scientific publications

161 International Conferences

22 Average H Index

ERC Advanced Grants recently awarded to a EURECOM professors David GESBERT (mobile com.)

276 Quotations in national and international media (183 in 2013)
SOPHIA ANTIPOLIS, The “French Silicon Valley”

- EURECOM is located in the heart of EUROPE’s largest techno park
  - Dedicated to information technology, life and environmental sciences, fine chemicals
- 1,452 companies, 40% of companies involved in R&D activities
- 31,000 jobs
- 4,500 researchers
- More than 5,000 students
- 70 nationalities

Some of Sophia Antipolis’ leading companies
EURECOM is the only school in France administered by a CONSORTIUM of famous international universities and companies together with the French State. These members guide EURECOM’ teaching and research strategy.

- Ensure that EURECOM’s teaching is professionnally relevant with demands of the industry.
- Provide internship opportunities, research projects
- Participate in the courses
- Regularly assess curricula at EURECOM
- Ensure an easy transfer of credits and total recognition
- EURECOM acts as the offshore campus of its academic partners.
SUCCESSFUL PARTNERSHIP

What does it concretely mean for TUM to be a member of EURECOM consortium?

▪ TUM professors attend all scientific, teaching and administrative committees of EURECOM. Collaboration projects are made easier.

▪ EURECOM’s courses are fully recognized by TUM faculty and make the credits transfer smoother.

▪ TUM students benefit from a dedicated academic coordinator: a professor whose role is to answer academic related questions and act as an intermediate with the home university.

Florian KALTENBERGER
www.eurecom.fr/~kaltenbe
HIGH PROFILE COLLABORATIONS

BMW Summer school « Connected Vehicles driving on connected roads »
July 2015

Summer school quoted as a successful example of collaboration in the recent cooperation agreement signed between the French Republic and Bavaria.
21/05/2015
TUM STUDENTS HIGHLIGHTS

EURECOM’s faculty seeks to highlight the potential of students and offers them opportunities to distinguish themselves.

- **In October 2013**, Marie-Lena LECKERT, student from TUM, presented the outcomes of her semester’s project on “Facial cosmetics database and impact analysis on automatic face recognition” during a IEEE conference in Italy:

- **In March 2014**, together with other EURECOM’ students, Martin KESSLER from TUM won 2nd place in a national Hacking Challenge organised by STERIA in Paris.
EXCHANGE OPTIONS at EURECOM

YEAR 1

October
FALL SEMESTER
30 ECTS

Technical courses
Non technical courses
Project
Languages

February
SPRING SEMESTER
30 ECTS

Technical courses
Project
Languages
Non technical courses

June

YEAR 2

July
INTERNSHIP
30 ECTS

Master’s thesis
Professional internship in a company or lab (6 months)

December

Erasmus 6 months

Erasmus 12 months (2 academic semesters)

Double degree 18 months (2 academic semesters + Master’s thesis) TélécomParistech

6 months

Double Degree 18 months (2 academic semesters + Master’s thesis) TelecomParistech
FLEXIBLE and INNOVATIVE CURRICULUM

To help students select their courses, the curriculum is organized around thematic teaching tracks. EURECOM leaves you time to choose classes and gives you the possibility to change your initial plan.

- **Mobile Communications**
  
  *Digital communications, Statistical signal processing...*

- **Multimedia**
  
  *Multimedia indexing and retrieval; 3-D and virtual imaging (analysis and synthesis)*

- **Communication System Security**
  
  *Cyber-crime and Computer Forensics; Secure communications, watermarking...*

- **Data Science and Engineering**
  
  *Algorithmic machine learning, Advanced Statistical Inference, Distributed Systems and Cloud Computing*

- **Smart Objects**
  
  *Software development methodologies, digital systems – hardware, software integration, operating systems...*

« Despite the small size of the school, I was surprised by the breadth of the courses offered. I found a lot more interesting topics than I could possibly fit into my schedule.»

Denis, TUM student
MASTER’s THESIS / INTERNSHIPS

- Benefit from a cutting-edge international professional experience!
- The double Master’s program include a 6-month internship (master’s thesis) in a hi-tech company or lab.
- Both TélécomParistech and EURECOM have an big database of internship opportunities in prominent companies all over the world.

A few examples of recent internships made by EURECOM students
HOW TO APPLY TO THE DOUBLE DEGREE

1. Download and fill the form available here:  
   http://www.telecom-paristech.fr/international/venir-a-telecom-paristech/informations-pratiques.html

2. Gather all required documents. Please note that you need to provide 2 recommendation letters and that at least one letter should be written by a professor.

3. Look at the courses on offer in each of the schools, choose the site (Paris or Sophia Antipolis). Please note that the choice of courses is not final and can be later changed upon arrival.

4. Send this form together with required documents by post to TélécomParistech.

5. The deadline to send the documents is early May each year.

6. Results are announced mid-June.

Important notice: The French Bavarian cooperation center provides financial support for mobility exchanges.
# CONTACTS

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