Double-Masters
TUM (MSc. Inf) und EURECOM

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Eurecom – TUM Master Agreement

- Double M.S. agreement (seit 2008)
  - TU Munich (Compt Sc.) – EURECOM

TUM Studierende

- 2 Sem. TUM + 2 Sem. Eurecom + M.S. Thesis (TUM, Eurecom)
  - 5 Semester für MSc. Informatik + Diplome Telecom Paris Tech/Eurecom
  - Masters Thesis:
    - gemeinsam betreut, jedoch Durchführungs-ort nach freier Wahl

TUM Studierende – Struktur des Studiums

2 Semester TUM + 2 Semester Eurecom + MS Thesis

- Pflichtkurse 10
- FG2 (FMA/WAR)
- FG3 8
- Prakt. Wahl 8
- FG1 18
- Überfachl. Grundlagen 8

MS Thesis 30

Pflichtblöcke
TUM
Kurse bei Eurecom

What is EURECOM?

- Research and Teaching Institute in Communications Systems
- Daughter school of Telecom Paris Tech
- Located in Sophia Antipolis, France

Eurecom in a nutshell

- 3 Research Departments:
  - Networking and Security
  - Mobile Communications
  - Multimedia Communications
- Research Staff:
  - 20 Faculty
  - 15 Research Assistants
  - 60 PhD Students
- Master Program:
  - 100 Master students/year
  - From 10 different schools, 20 different nationalities
  - All courses taught in English

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Master Program at Eurecom: Study Tracks

- **Program**
  - “Technical” courses: ≥ 50 credits
    - Long courses: 3 hours/week, Total of 42 hours; 5 credits
    - Short courses: 1.5 hours/week, Total of 21 hours; 3 credits
  - “Non-Technical” courses (humanities, economy, languages): ≥ 20 credits
  - Semester Project: 10 credits

- **For each Study Track**
  - ~40% of the technical credits from mandatory courses
  - ~30% of the technical credits from list of optional courses
  - ~30% of the technical credits chosen among all courses

- **Masters Thesis**
  - minimum 6 months, 30 credits

**Specialty in Communication Systems**

- **Seven Study Tracks**
  - Networking
  - Security
  - Web Technologies
  - Multimedia
  - Mobile Communications
  - Transmission Technologies
  - Real-time and Embedded Systems

At Eurecom: NETWORKING TRACK

- **Required Courses:**
  - Introduction to Computer Networking and Internet (L)
  - Software Development Methodologies (L)
  - Secure Communications (L)
  - Practical Computer System Performance Modeling (L)
  - Internetworking Architectures and Protocols (L)

- **List of Optional Courses**
  - Mobile networking (L)
  - Internet Applications (S)
  - Corporate Networking Technologies and Design (S)
  - Distributed Software and Middleware (L)
  - Advanced Topics in networking (S)
  - Operational Network Security (L)
  - Security Applications in Networking and Distributed Systems (S)
  - Theory of Distributed Systems (S)
  - Multimedia Technology (S)
  - Radio Engineering (L)

Support Provided:

- Coming to EURECOM constitutes an important change for the students: move, new environment, new type of education, workload. The Student Affairs Service is completely dedicated to them. We answer to all their concerns before and at their arrival:
  - Housing:
    - We have extensive contacts with individual home owners, realtors and Student residences
  - French bank account opening
  - Social security
  - Resident Permit
  - Student association
  - Etc.

- Also information about all the good deals: Bus rates, etc.

Summary

- Unique experience to work in an international environment
- Very cosmopolitan student body:
  - Mix of students with different cultures and different backgrounds (French, Swiss, Italian, Norwegian, German, …)
- High-quality course program
- Easy access to professors due to small size
- Many contacts to the industrial world
- Great location

Want to know more

- **Contacts**
  - Ernst Biersack (erbi@eurecom.fr)
  - Bin an der TUM auf Forschungssemester bis Ende Dez. 2008
  - Dr. Angelika Reiser (Raum: 02.11.053)
- **Web**
  - http://wikisbs.informatik.tu-muenchen.de/twiki/bin/view/Internationales/Austauschprogramme
  - http://wikisbs.informatik.tu-muenchen.de/twiki/bin/view/Internationales/OutGoing