

TELECOM
ParisTech



Institut
Mines-Télécom

Innovating in a digital world

Télécom ParisTech



The leading French graduate engineering school in Information and Communication Technologies (ICT)

Master of Engineering – Master of Science – PhD – Advanced Master

université
PARIS-SACLAY



Telecom ParisTech...

to Innovate in a digital world



- **ICT major factor of Innovation**, worths **25%** of the French **GDP growth**
- **Telecom ParisTech deals with all sciences & technologies for ICT:** Computer Science, Networks, Communications, Electronics, Signal and Image Processing, Social and Human Sciences as well as the study of the economic and social aspects associated with modern technology
- **French “Ingénieur”:** MEngineering, MScience: 3 years curriculum with **high scientific level** (maths, physics) **together with strong teaching in economics, humanities and personal development**
- **Highly international:** **50%** international students, **130** partner universities abroad
- **High faculty Ratio :** **1/7** (200 full-time professors / 1,540 students)
- **Highly Innovative:** **200** sustainable companies & **2,200** jobs created in 16 years – **3** start-up per month – **100** patents – Research of International excellence (**A+**) .
- **Closely connected to industry & economy :** Research contracts with industry Among the 66,4 Millions Euros operating Budget, **30%** is **self driven**
Graduates: hired with high salary they reach top positions in various companies.

Télécom ParisTech –Some records

■ National Ranking

- 1st graduate engineering school in Information and Communication Technologies in France (L'Etudiant/L'Express – 2012, Usine Nouvelle – 2014)

■ Founded in **1878**

■ The word **Telecommunications** invented here (1904)

■ Situated in **Paris**, France with an English speaking campus in **Nice** in the **1st European Technopole** ; it also shares a campus in **China (Shanghai)**

■ Holds the **1st ICT Incubator in France**, with 2-3 start-up created per month. **200** sustainable companies & **2,200** jobs created in 15 years – **100** patents –

■ Research of International excellence (**A+**) .

■ Some famous Alumni:

- Jean-Luc Vaillant & Yan Pujante (co-founders of LinkedIn)
- Corentin Raux (founder of « Pretty Simple » and creator of the game « Criminal Case » on Facebook, n°1 worldwide for games on FB in 2013)
- Luc Julia (owner of a majority of Apple SIRI patents)
- Tariq Krim (creator of Netvibes, sold 50 M€ to Dassault Systemes)



■ Our Alumni : **CEO of major companies:**

Thales, Alcatel Lucent, Dior Couture, ... ,
McKinsey France, Facebook Mobile, ..

2 campuses for the same Engineering degree



Paris downtown



Sophia Antipolis,
French Riviera;



Study tracks at Telecom ParisTech

Master's Degree level

Paris campus

13 tracks:

Time Slot A:

- Image (IMA)
- Stochastic processes and scientific computing (MACS)
- Distributed Software Systems (SLR)
- Communication devices and systems (SOCOM)
- Infrastructures and Networks Security (SR2I)

Time Slot B:

- Human-Computer Interaction & 3D Computer Graphics (IGR)
- Mathematics, Theoretical Computer Science and Operation Research (MITRO)
- Networking (RES)
- Digital Signal Processing: Models and Applications (SIGMA)
- Strategies, Innovation, Markets (SIM)

Time Slot C:

- Algebra, Codes, Crypto, Quantum (ACCQ)
- Data Science (SD)
- Embedded Systems (SE)

Students can choose courses from study tracks programmed in different slots.

Courses of the study tracks are of 2,5 ECTS (24 hours of teaching) and 5 ECTS (48 hours of teaching).

Exchange students generally undertake courses equivalent to 30 ECTS per semester

Study tracks mainly in French :

<https://synapses.telecom-paristech.fr/catalogue/2016>
=
[2017/parcours/1366/ING2A-diplome-d-ingenieur-2eme-annee](https://synapses.telecom-paristech.fr/catalogue/2017/parcours/1366/ING2A-diplome-d-ingenieur-2eme-annee)

Study tracks at Telecom ParisTech

Master's degree level

Sophia Antipolis
campus



4 tracks:

Data science and engineering

Communication systems

Smart objects

Communication system security

Students can choose courses dedicated to exchange students: "Free curriculum" :
<http://www.eurecom.fr/en/teaching-0>

Technical courses are of 3 ECTS (21 hours of teaching) and 5 ECTS (42 hours of teaching).

Exchange students generally undertake courses equivalent to 30 ECTS per semester

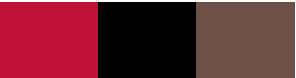
Courses are taught in English

And also non-technical courses:
foreign languages and cultures
personal skills and management skills
social and economic sciences

Student life at Telecom ParisTech

- **A library**
 - >20000 documents
 - Shared **interactive smart board**, ..
- **A language resource center**
- **WiFi everywhere ; 100s of free access PC (7:30 – 00:00)**
- **School's restaurant**
- **Student accomodation**
527 beds located nearby, across three sites
affordable students rents : ~ 380 € /month.
Students may be eligible for an **accommodation allowance**.
Life cost in Paris : from 600 € /month.

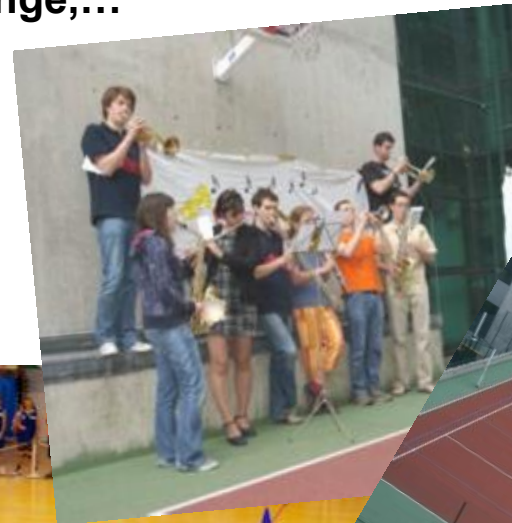




- Nice Neighbourhood
attractive Paris area, rich environment and culture

- Local accomodation, tennis, student facilities...

- Intense student life
sports, nights, concerts, techno clubs, students trips,
industrial Forum, Junior-Entreprises, challenge,...



How to apply to the Erasmus+ program

- Intended only to an exchange in the spring semester of 2016-2017, from February 2017 to end of June 2017

- **Application steps:**

- Pre-selection by your department
- Nomination to Telecom ParisTech
- Application by **November 28, 2016** (email and regular mail) :
 - CV+photo
 - Statement of purpose (letter of motivation)
 - Transcript of records in English or French
 - 2 Letters of Recommendation
 - Copy of the identity card or your passport
 - Learning agreement



Practical information

- **Admission decision: by Mid-December 2016**
- **Academic calendar for 2016-2017**
 - Paris campus: February 6 to June 30
 - Eurecom campus: February 22 to June 28
- **A scholarship of 850 euros/month**
- **Travel costs covered up to 820 euros**

More information ?

web sites

- www.telecom-paristech.fr/
- international.telecom-paristech.fr/

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