Welcome at the

INSTITUT NATIONAL POLYTECHNIQUE
TOULOUSE
July 2018

Toulouse organised the EuroScience Open Forum

and be labelled “European City of Science”

458,000 inhabitants 4th city in France
Toulouse in France

Nicknamed the Pink City thanks to its clay brick buildings

Capital of aeronautics and space with Airbus and Ariane

A UNESCO world heritage site
The Canal du Midi

Between Pyrenees Mountains and Mediterranean seas
The Université Fédérale Toulouse Midi-Pyrénées – UFTMiP

→ Federates most higher education and research institutions of the region. Engineering, Agronomy, Social & Human Sciences, Law, Economy, Business,... and CNRS, INRA, INSERM, IRD, CNES.

→ Coordinates, promotes and supports our academic offers, our research, and innovation, sharing missions and services offers

**Keys figures**

* 112,000 students,
* More than 15,000 international students
  * 10% of French engineers graduate in Toulouse
* 31,000 degrees 850 PhD degree awarded yearly
* 15 Doctoral schools and 142 Research Units
* 6,000 faculty & researchers

**4 clusters of academic and industrial research**

* Aeronautics, space and embedded systems,
* Cancer-Bio-Health,
* Agriculture and Food industry,
* Water.
A 3 year academic programme in engineering schools through national entrance exams (Grandes Écoles)

The French Higher Education System

French Engineer Degree = Master degree

INP

Engineer Degree and Master Level

CPGE: Preparatory classes for entry to engineering schools through national entrance exams (Grandes Écoles)

Prépa INP: Preparatory classes for exclusive entry to the INP engineering schools
Engineer-Master’s Degrees

Engineer-Master’s Degree in 3 years

Agronomy, Food Quality, Environment, Sustainable Development

The first Engineering School of French Agronomy to be ISO 14001 certified for its environmental approach, awarded in November 2016 the Trochee des Campus Responsible Francophones in Paris in the "sustainable commitment" category supported by the Foundation Egis.

Energy, Environment, Information & Communication Technology

Chemical, Processes, Material, Industrial & Chemical Engineering

Associated institutions

Engineer-Master’s Degree in 5 years

Mechanical & Industrial Engineering

Agriculture Engineering

Engineer-Master’s Degree

Weather Forecast, Network of Geophysical Measures, Research & Development
Some figures

* 3,880 Students, 7,000 with associated institutions
* 875 International students
* 803 Engineering degrees awarded every year

![Origin of international Ph.D students (%)](chart1)

![Origin of international students in Engineering and Masters studies (%)](chart2)
Masters of Science (mostly English courses)

✓ **Agrofood Chain:**
Provide scientific and practical training in an international context on the scientific, social and economic realities of the modern Agrofood industry

✓ **Electronics for Embedded and Communicating Applications:**
Design of integrated circuits, RF circuits, antennas and digital signal/image processing

✓ **Fluids Engineering for Industrial Processes:**
The physics and modelling of transports phenomena in multiphase flows, training on computational fluids dynamics tools

✓ **Electrical Engineering Systems:**
Optimised Conversion of Electrical Energy related to energy production, storage and transportation in grids, process controls…

✓ **Green Cap:**
Conversion of renewable resources, green chemistry and clean processes involving innovative technologies

✓ **Water engineering and water management:**
The ability to design water engineering projects with the principle of sustainability

✓ **Industrial and Safety Engineering:**
Trains specialists providing answers to the new industrial and societal expectations in an international context.
INP: 2nd French university for applied research

17 laboratories

More than 900 researchers in these 17 laboratories

13.5 Million € /year from research contracts

120 patents

Widely involved in the socio-economic & industrial field

Strong link and feedback between academic studies and fundamental, applied research and industrial projects:

*engineering students’ internship is mandatory*
Open Archives Toulouse Archives Ouvertes

A free access to scientific information, Open Access, which covers two distinct realities:
- open access journals and
- Open Archive.

It is based on Open Source standards, tools and platforms (free software).
Towards students:
→ Outgoing mobility mandatory for all our engineering students
→ Increasing incoming international students thanks to:
  - INP Masters taught in English (7)
  - Double degrees with partners (over 30)
  - International Cotutelle of thesis (20/year)

Towards Professors and researchers:
→ Around 35 visiting professors and researchers’ offer
→ 25 to 30 projects/year to start or strengthen the cooperation with partners
→ Different Programmes from national, European or international organisations

Promotion at international level in HE fairs as EAIE, Campusfrance with the Université Fédérale Toulouse midi-Pyrénées
International Relations Agreements

at a glance

250 MoU

160 Erasmus agreements

33 double degrees
Preparing your stay

Before coming: **Toul’Box**

On arrival: **Welcome desk**
INP Facilities for students

• **Sports**
  - Rugby
  - Soccer
  - Rock-climbing
  - Regional & national sports competition

• **Activities**
  - Theatre,
  - Music,
  - NGO, humanitarian rallies
  - Festivals

• And
  - many associations
  ……
Cost of living in Toulouse

**ANNUAL BUDGET**

**EDUCATION / SCHOOL**
Registration fees
- Master: 250 €
- Doctoral: 391 €
- Licence: 184 €

**HEALTH**
Compulsory social security (paid upon registration)
Fees 2016/2017: 215 €

**VITAVI - LMDE**
Additional health insurance
60 € to 600 €

**ACCOMMODATION**
- Deposit (Upon entering the apartment): 1 month for non furnished accommodation, 2 month for furnished accommodation
- Rental Insurance (When you start renting): 30 € to 110 €
- Housing Tax (mid November): 250 € to 550 €

**MONTHLY BUDGET**

**TELEPHONE LINE**
- 20 €

**INTERNET**
- 30 € to 50 €

**ELECTRICITY**
- 150 €

**GAS**
- 182 €

**ACCOMMODATION**
- Room / University studio accommodation
- Room in a private home
- Flat share
- Private rent

**VENO**
Subscription VéloToulouse: 20 €/year

**ALIMENTATION**
- 200 € (approx).
- (NB: 3.25 € for meal at the Resto U)

**OTHER EXPENSES**
Leisure, clothes...
- 200 € (approx.)

Bus / Métro / Tram
- www.tisseo.fr

Train
- www.sncf.com
Few links to get prepare to French speaking and reading:

**TV5 Monde**
Guiding in English, Arabic, German, Chinese, Korean, Spanish or Vietnamese.

**Canal Academie**
Develop your knowledge of French language and culture

**Filipe**
Scientific courses in French

→ French classes offered during your stay in our engineering schools and at UFTMiP
Welcome at INP Toulouse

www.inp-toulouse.fr