



Ingénieur Polytechnicien Program

École Polytechnique



INGENIEUR POLYTECHNICIEN PROGRAM

A Multidisciplinary Curriculum Grounded in Excellence

- **Multidisciplinary scientific training:** gives students a broad scientific base
- **Human, military and sports training:** allows students to develop their behavioral, relational and leadership skills, as well as humanities, languages and culture oriented teaching
- **Specialization among 16 different subjects:** allows students to pursue a wide array of careers after graduation
- **Hands-on experience:** internships to experience both the corporate and research worlds
- **Fluency in French:** one of the main global languages



INGENIEUR POLYTECHNICIEN PROGRAM

225 years of contribution to the world

Defense



Ferdinand Foch



Caroline Aïgle



René Carmille



Louis Armand



Valéry Giscard d'Estaing



M'hamed Douiri



Elisabeth Borne



Joseph-Louis Gay Lussac



Henri Becquerel



Rose Dieng-Kuntz



Jean Tirole

Administration

Politics

Sciences

Technological Inventions



Louis Vicat



André Citroën



François Hussenot

Economic Development



Bernard Arnault



Jean-Bernard Lévy



Tidjane Thiam



David Fattal

Societal Development



Charles-Edouard Vincent

Arts



Isabelle Sorente

Sports



Yves du Manoir

Regional Alumni Network



Clarice D. Aiello
(X2001) USP
Brazil



Quantum
engineer UCLA
PhD. MIT
M.phil Physics
Cambridge
USP Brazil



Maxime Boucher
(X2001)
Canada



Engineer,
Facebook
Ex: Research and
Machine
Intelligence,
Google



Lucas Mendes
(X2003) USP
Brazil



Co-founder, Revelo
MBA Stanford
USP Brazil



Sebastian Zepeda
(X2000)
Mexico



CEO & Co-
founder, Oculus
Airborne
Sensing



Jimena Royo-
Letelier
(X2005) Chile



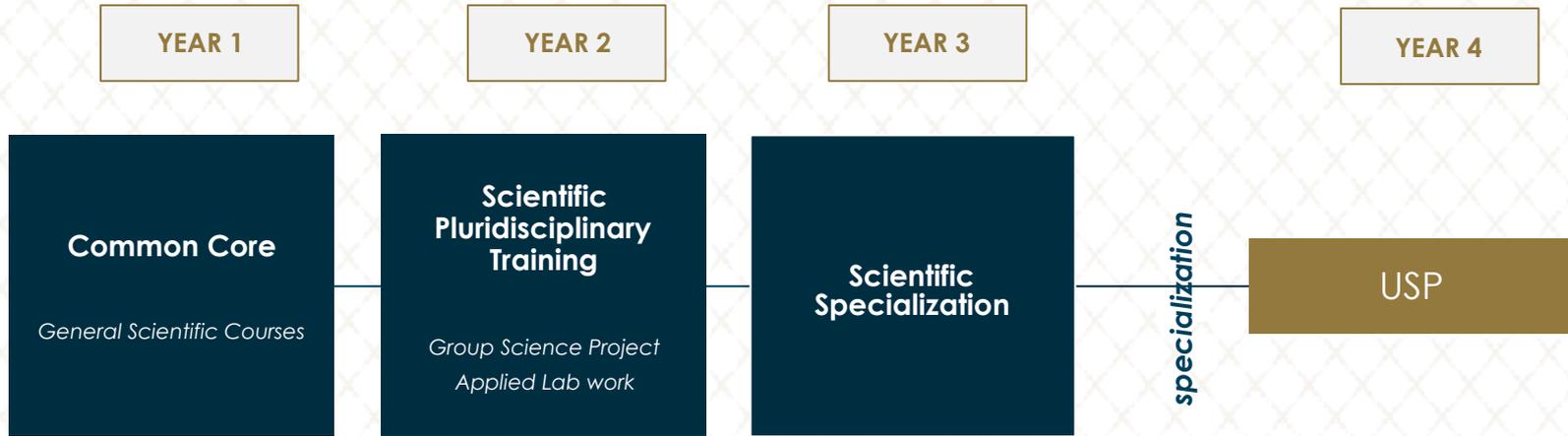
Artistic Director,
IAKERI Project,
Research
Scientist, Deezer



+ 100 alumni
from Brasil

INGENIEUR POLYTECHNICIEN PROGRAM

Program Structure



Humanities and Social Sciences – Foreign Languages – Personal Development – Sports

6 MONTHS

For non-French speakers: intensive French language and culture courses

3 MONTHS

Internship in a company in France or abroad

5 MONTHS

Research internship in France or abroad

4-6 MONTHS

Final internship in France or abroad

Double Diplome

- 7 semesters USP (80 credits) + 3 years EP + 1 semester/internship USP
- Titre d'ingénieur polytechnicien + Diploma Ingenieur EPUSP
- Process:
 - 1. Pre-selection of applications by the EPUSP;
 - 2. A personal application via the Ecole Polytechnique online portal.
 - 3. Review of the application documents by X.
 - 4. An oral interview on motivation and orientation;
 - 5. An admission decision by a jury specific to X;



Admission requirements

- Excellent background in Mathematics, Physics and Engineering sciences
- Motivation
- Max 25 years old
- Calendar:
 - **15 September** – USP send list of candidates
 - **8 October** – Confirmation of selected students
 - **October – November** – Oral exams
 - **22 November** – Final results
 - **September** : Classes start !



Some key numbers about the X2019 Promotion

- 551 Students
- 26 Countries represented
- 31% International students (130 international / 421 French)



INGENIEUR POLYTECHNICIEN PROGRAM

High Quality Faculty

11
Departments

490
Researchers and teachers-
researchers

40%
International faculty

Mathematics



Applied Mathematics



Biology



Physics



Economics



Computer Science



Mechanics



Chemistry



Human and Social
Sciences



Management
Innovation
Entrepreneurship



Foreign Languages



Development of Soft and Managerial Skills



OPENNESS TO OTHERS

- ✓ **Human training internship**
- ✓ **Humanities and social sciences**
- ✓ **Associative commitment**
(equal opportunity, humanitarian aid...)



OPENNESS TO THE WORLD

- ✓ **International internship**
- ✓ **Foreign languages learning**
(9 choices)
- ✓ **Dual degrees**



PERSONAL DEVELOPMENT

- ✓ **Project based learning**
- ✓ **Intense campus life**
- ✓ **Physical development and commitment to sports**

INGENIEUR POLYTECHNICIEN PROGRAM

On-campus services for students



**BASIX
International
Student Support
Team**



**Diversity and
Success Center**



**General Services
(housing, catering)**



Medical Service



**SOIE
Career Guidance**



Campus



Security Service

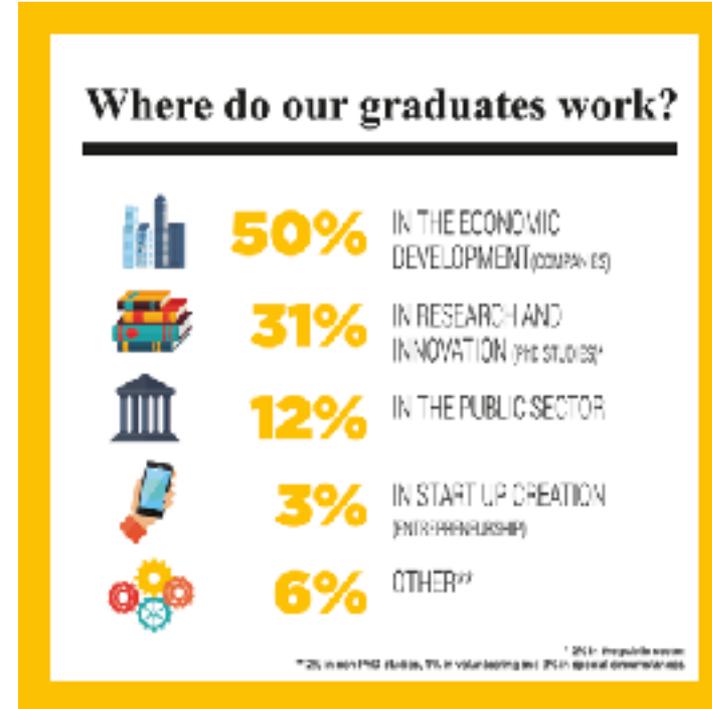


**Psychology
Department**

INGENIEUR POLYTECHNICIEN PROGRAM

The 2020 First Employment Survey (X2013)

- Promotion of graduates in 2018 (X2013)
- Carried out among 495 students, including 395 French and 99 international students



Tuition Fees

€38,000 for 3 years

Year 1: €7,000

Year 2: €15,500

Year 3: €15,500

Got questions? Contact us!

All enquiries:

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programmes.polytechnique.edu

