



CentraleSupélec



# CentraleSupélec

Formerly Ecole Centrale Paris & Supélec

Accelerated degree in Engineering  
– *A post-graduate 2-year elite programme* –



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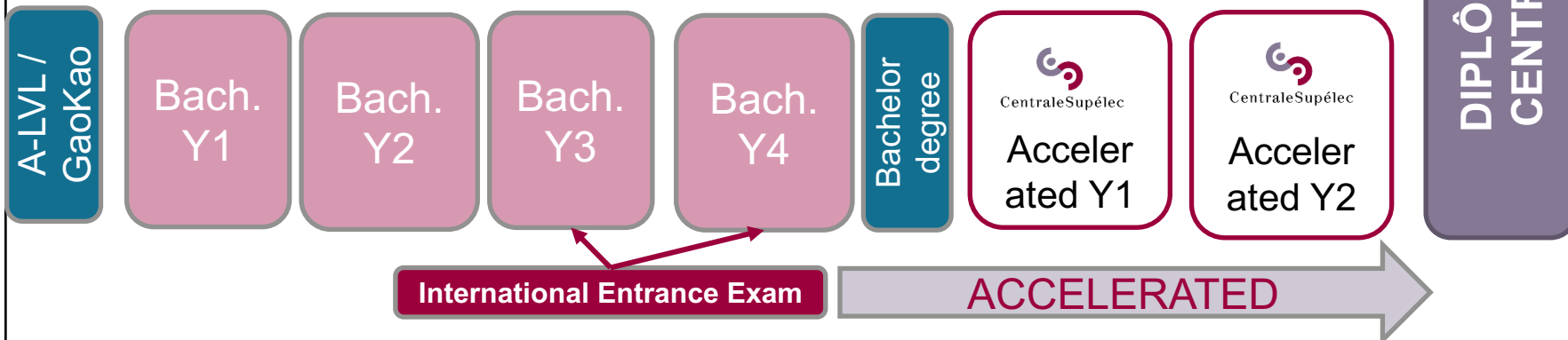
# CENTRALESUPELEC INTERNATIONAL ACCELERATED ENGINEERING PROGRAMME

OUR ACCELERATED PROGRAMME TRAINS YOU TO BECOME AN OUSTANDING 'FRENCH ENGINEER' IN ONLY 2 YEARS!

'French' student path to our Diplôme d'ingénieur :



Accelerated path to our Diplôme d'ingénieur :



# GET INTERNSHIPS AND JOB OFFERS FROM FRENCH AND INTERNATIONAL COMPANIES



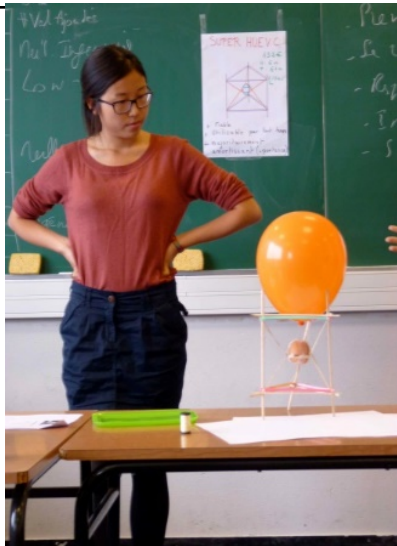
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# WE WILL PREPARE YOU TO BECOME



CentraleSupélec



**A top-level and reputable science & engineering professional:**

Multi-disciplinary, Integration, Modelling and abstraction, Complex Systems

**An engaged leader and team player with professional and social skills :**

Adaptable, Pragmatic, Innovative, Leader, Entrepreneur, Team Player, Engaged, Responsible

**Internationally at ease and progressing in a global environment**

Lives and works in a globalized environment, prepared to tackle global and local challenges, multi-cultural, multilingual, trained to the multicultural, multisite workplace

# HIGHLIGHTS OF THE ACCELERATED PROGRAMME- YEAR 1



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**Combining the tradition of scientific excellence with innovation, technology and corporate spirit**  
*Learn to tackle complex engineering problems and develop professional and personal skills!*

1

**Multi-disciplinary engineering and fundamental sciences core program :** Mathematics, Physics, Computer Science – and engineering technologies – Mechanical and Civil Engineering, Energy Science and Engineering, Chemical Engineering, Industrial Engineering, Electrical Engineering etc...

2

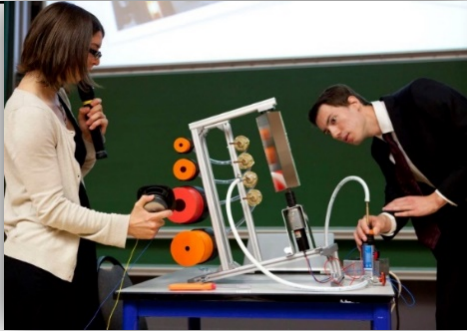
**Elective courses in engineering and science to prepare your specialisation –**

3

**Business Sciences, Humanities and Social Sciences, Team projects, languages, soft skills**



# HIGHLIGHTS OF THE ACCELERATED PROGRAMME- YEAR 2



Develop an area of specialization and a professional track in Paris Saclay, Rennes or Metz.



6-month company internship at the end of the year

(choose your major for the second year during the second half of the 1st year)

## Rennes Campus

- Automatic
- Computer Science
- Electronics and Signal Processing



## Metz Campus

- Computer Science/ Robotics
- Telecommunication
- Electronics and Signal Processing



## Paris-Saclay Campus

- Sustainable buildings/Architecture
- Energy
- Industrial Engineering
- Applied Math/Data Sciences
- Applied Physics
- Aeronautics and Space
- IT & Advanced systems
- Biotech Engineering
- Automation & Control
- Telecommunication
- Entrepreneurship
- Innovative systems design and development
- Operational management
- International Project management
- Research
- Finance and Strategy

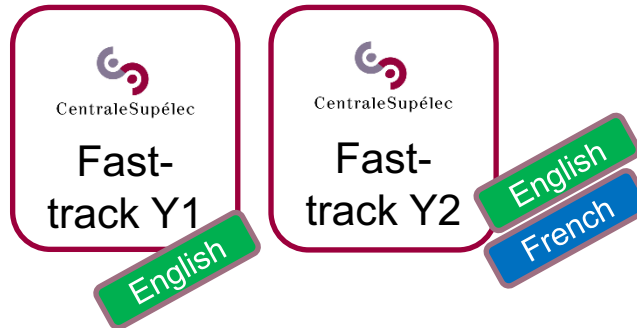


# LANGUAGE OF THE PROGRAMME

The Accelerated Engineering Degree Programme can be taught either **in full-English during the 2 years** or in **English (year 1) and French (year 2)**. Some specialisations might not be available in English.



However, there is a French proficiency requirement for obtaining the Engineering degree at the end of the programme (B2 level)



## Rennes Campus

- **Automatic:** Control and System Engineering
- **Computer Science:** Secure Information Systems
- **Electronics and Signal Processing:** Electronic Systems, Networks and Images

## Metz Campus

- **Computer Science:** Interactive Systems and Robotics – Computer Science Term
- **Communication:** Photonics and Communication Systems
- **Electronics and Signal Processing:** Interactive Systems and Robotics

## Paris-Saclay Campus



- Sustainable buildings/Architecture
- Energy
- Industrial Engineering
- Applied Math/Data Sciences
- Applied Physics
- Aeronautics and Space
- IT & Advanced systems
- Biotech Engineering
- Automation & Control
- Telecommunication
- Electronics & Signal processing

- Entrepreneurship
- Innovative systems design and development
- Operational management
- International Project management
- Research
- Finance and Strategy

# SPECIAL SERVICES



CentraleSupélec

Services dedicated to the Accelerated Engineering Degree Programme students :

- Tailored courses/training : more than 60% of English taught courses for the whole program
- French language courses to help students reach the required level for the degree and if they wish to follow the final year in French
- Coaching in Maths and Physics (depending on students' background)
- Specific assistance to find an internship in France or abroad
- Mentoring by CentraleSupélec alumni, professors and peers on career, studies and campus life aspects



# COMING TO CENTRALESUPELEC: WHY?



CentraleSupélec

- Obtain a master level **diploma in one of the best French and European institutions**, recognized by international top companies
- **Immerse yourself into the industrial world** through privileged company links during the program and after
- **Play a major role in the research and development of innovative technologies**
- **Experience French culture and language**

Average first job salary  
for CentraleSupélec  
graduates 2016 :  
**50,000 € / year**

Average monthly salary  
for final internship in :  
**1,500 € / month**  
(and up to 4000€/month)



# APPLICATION PROCESS



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## Who can apply?

- Students in their 4th year of Bachelor of Science (Maths or Physics) or Engineering from a non-French university
- Students already having a Bachelor of Science or Engineering from a non-French university
- Students under 25 years old at time of admission year



## Who can apply?

- Students in their 4th year of Bachelor of Science (Maths or Physics) or Engineering
- Students already having a Bachelor of Science of Engineering
- With age < 25 years old at time of admission

## What degree will I get after the programme?

- Students will obtain a CentraleSupélec engineering degree (either the 'Diplôme of Centrale Paris' or the 'Diplôme of Supélec' depending on your major)
- This is the exact same degree that will obtain any French engineering student

## What are the tuition fees for international accelerated programme?

- Tuition fees for the Accelerated Engineering Degree Programme are 18 000 € per year (year in English) or 15 000€ (year in French)
- For successful applicants, French Ministry of Higher Education and CentraleSupélec excellence grants (for up to 10,000 euros) are available for applications.

## Housing during the programme?

- A room or shared apartment is guaranteed on campus for this programme at an average cost of 400€ /month

## Living expenses :

A rough estimate for living in France (besides tuition and accommodation) is 400€/month

# ACCELERATED PROGRAMME– PHASE 1 – ONLINE APPLICATION



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**Application files are to be filled online** (<http://centralesupelec-accelerated-progr.fr/registration/>)  
**Mid-June – October 1st (closed in August)**

**Please prepare the following documents in pdf format:**

- National ID document (Passport or ID card)
- Academic transcripts for the bachelor studies
- Statement of purpose (Why do you apply to this programme?)
- Recommendation letters (optional, up to 2)
- Resume
- Official results sheet for the gaokao results
- Official results of management aptitude test score : GMAT, GRE or Tage Mage (optional but preferable)

**The following documents will be requested before you enter the programme :**

- English test (TOEFL or IETLS) to show a minimum level of B1 (B2 recommended)
- Official bachelor degree document

The Accelerated Engineering Degree Programme admission jury - Phase 1 will review your file within 15 days (except for August) and let you know if you can take the exam and apply to Phase 2.

# CENTRALE SUPELEC ACCELERATED PROGRAMME— PHASE 2 – ONSITE ENTRANCE EXAM TESTS

If you are selected after the online application phase 1, you will be invited for 2 half-days of written and oral exams sessions in China to meet our professors during the week of November 13th to November 18th, 2017.

Depending on your academic background, you will take different series of tests :

	Bachelor In Maths/IT/ Computer Sc. and related	Bach. In Physics Sc. and related	Bach. In Mechanical Eng. and related	Bach. In Electrical Eng. and related
<b>WRITTEN TESTS (3 hrs)</b>	Maths – 2 hrs	Physics – 2 hrs	Mechanical eng– 2 hrs	Electrical eng. – 2 hrs
	MCQ in Maths & Physics – 1 hr	MCQ in Maths – 1 hr	MCQ in Maths – 1 hr	MCQ in Maths – 1 hr
<b>ORAL TESTS (3 hrs)</b>	Physics – 45 mn	Physics – 45 mn	Mechanical eng – 45 mn	Electrical eng.– 45 mn
	Maths – 45 mn	Engineering topic – 45 mn	Maths – 45 mn	Maths – 45 mn
	Interview – 30 mn	Interview – 30 mn	Interview – 30 mn	Interview – 30 mn