

Master's programmes in sciences and technology

In association with

INSA
ROUEN NORMANDIE

Engineer your
future in France

Be inspired

Engineer your future in France

The French have a talent for the aesthetic and the ease of embodying joie de vivre! Their contributions have changed the world.

Starry Starry Night

The story of art history is incomplete without French artists like Claude Monet, Pablo Picasso, Marcel Duchamp, Vincent Van Gogh... and the list goes on.

Photographs and memories

French inventor Nicéphore Niépce produced the first permanent photo etching image – the view from his window at Le Gras is the earliest surviving photo from nature.

Pain pain go away

In 1853, French chemist Charles Frederic Gerhardt was the first to prepare Aspirin (acetylsalicylic acid).

Instant gratification

In 1997, Philippe Kahn created the first camera phone solution for instantly sharing pictures, rigging a mobile phone with a digital camera to announce the birth of his daughter in real-time.

Breaking bread

When a new French law in 1920 forbade bakers from bread making before 4 am, the slender baguette was born. A thin, long bread that could be rapidly baked in time for customer's breakfasts!

Lights. Camera. Action.

The very first patented film camera was designed by Frenchman Louis Le Prince in 1888, which he used to shoot the first sequences of moving film in the world.

You do you!

01

Do you like to rise to challenges and be more independent?

03

Are you looking for experiences that will be valuable academically and culturally?

02

Would you like to be in an environment that encourages you to grow holistically?

04

Would you like to build strong friendships with students from all over the world?

If your answers are YES, read on!

Enhance the value of your degree by stepping out of your comfort zone and demonstrate to potential employers that you are able to adapt to new environments, cultures and languages. That you are a thriving, global citizen!

Explore a culture that will inspire you to BE MORE and DO MORE – for yourself and for others.

Often called the 'country of human rights', freedom of expression and human rights are among the founding values of the French Republic and central to how it exercises its democracy.

There's so much more to France...



A hexagon that will stir your soul. Choose France

If engineering is your art, there's no better canvas than France to create your masterpiece. A world leader in the energy, technology and transport sectors, France welcomes young, innovative minds with arms wide open. As a student, it's hard not to be inspired by the country's innovative strides in the electronics and telecommunications industries. France is also at the cutting edge of aerospace development with a thriving information technology market and a strong record in producing advanced military equipment.

**Technological prowess,
did you say? Then France it is!**



Rouen, a hundred bells tell a tale!

Normandy's cultural and historic capital, Rouen is defined by beautiful architecture, creative minds and a storied past. Spires of the city's Gothic cathedral dominate the skyline, and have been immortalised in many paintings by Impressionist Claude Monet. A lovingly restored medieval quarter, cobblestoned streets and colourful half-timbered houses make a simple walk around Rouen fascinating.

Set on the banks of the Seine, this city has attracted students for years due to its friendly atmosphere and conviviality. Rouen is just a two-hour drive from Paris, which means you can enjoy lower living costs whilst still frequently visiting the dreamy French capital.



*We won't stop you
from falling in love
with Rouen.*

Normandy, say cheese!



This region of France prides itself in all things dairy. Even if cheese is not your thing, there's much to discover here. Normandy is a vibrant centre of industry, housing some of France's biggest businesses and international corporations. With its picturesque coast and delectable cuisine, it has inspired many artists and enchanted many travellers. Normandy is known to have one of the youngest populations in France, and is revered for its medieval charm, stylish beach resorts and great quality of life.

**Lifestyle meets
opportunity in
Normandy!**

Europe, one weekend at a time!

*Unravel the beauty of
THE continent with your
Schengen visa!*

Above and beyond the marvels that are waiting to be explored in France, you are also in the heart of Europe with many countries and cultures at your doorstep. Step out, travel, explore and discover exciting places and opportunities across the continent. Revered for its social and scenic charm, Europe is international exposure at its best.

What's more – collaborations within Europe have shaped a thriving international academic community that is well-aligned, conducts cutting-edge research and creates long-term career opportunities for young graduates in the continent.

The horizon will expand, study at ESIGELEC



- With over a century of delivering quality education in engineering, ESIGELEC remains young in spirit. We offer students a platform to challenge traditional thinking and realise their potential.
- Our teaching faculty come from the four corners of the world; you'll be at the receiving end this time, for the right reasons!
- Industry captains keep a hawk's eye on our curriculum; you'll be mentored by the best.
- A third of our students are foreign nationals; you'll learn from the University of Life!
- Unlike large universities, with tens of thousands of students, we're a 2,000-strong group of administrative staff, faculty, students, and support staff; you'll be part of the ESIGELEC family.

Decipher the wonders of science, research at IRSEEM

**IRSEEM partners
with several notable
centres of excellence
in Europe to provide
innovative and
sustainable systems
integration solutions.**

IRSEEM, ESIGELEC's high-end laboratory, is involved in some path-breaking research, and you'll be involved!

The IRSEEM (Institut de Recherche en Systèmes Electroniques Embarqués- Research Institute for Embedded Electronic Systems) was founded in 2001 by ESIGELEC. IRSEEM spear heads research, innovation and knowledge transfer in the domains of automation, electronics and computing.

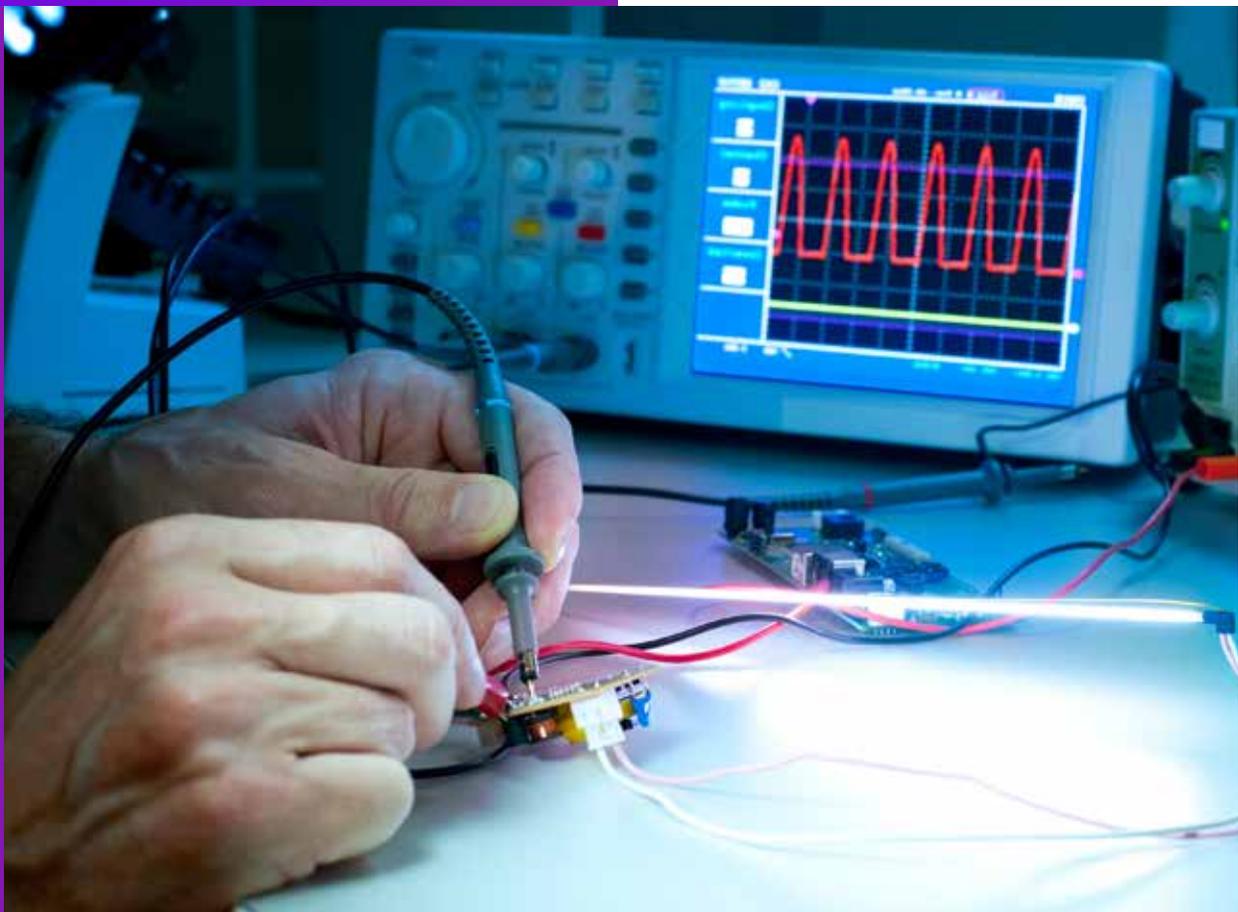
Activity clusters

- Automation & Systems
- Electronics & Systems
- Instrumentation,
Computing & Systems

The laboratory's mission is to conduct systems oriented research whilst supporting companies and researchers in transdisciplinary innovation and R&D.

Fields of activity

- Automotive
- Aeronautics
- Renewable energy
- Electronics
- Mobility
- Telecom
- Biomedical
- Robotics
- Transport, logistic & safety
- Microelectronics & power electronics



A Grande École



Better known for engineering studies than public universities, these institutions of higher education provide advanced technical and professional training that fully prepare you for your future. Grandes Écoles provide the platform for young professionals to embark on meaningful and impactful careers.

Rigorous selection processes and famed for producing elite graduates, Grandes Écoles offer top-rated teaching staff and courses with a strong focus on industry experience and specialisation.

Studying in a Grande École like ESIGELEC translates as an excellent preparation for you as you look ahead. You will join a virtuous circle of highly qualified graduates from France's premier institutions.

Remember, this is about you.

Look beyond rankings

Graduate study is an experience that will change the course of your life for several years to come. We encourage you to choose an institution on the basis of the things that matter to you. Ranking is only a number.

Visit our website, look at the research that IRSEEM (our laboratory) is involved in, talk to our Student Ambassadors or ESIGELEC's Alumni, and then take the leap!

But if you still insist, the most recent ranking exercises put ESIGELEC amongst the best Graduate Schools of Engineering.



LE FIGARO

l'Étudiant

9th among general &
multidisciplinary engineering
schools

9th in Electronics and
Electrical Engineering

4th in Environment Engineering

10th in Information Systems

And just in case you are interested, 94% of our students
find jobs in the first 3 months of graduating.

**Studying at ESIGELEC will be the beginning of an enriching journey and we wish to
achieve great things in the near future, along with students like yourself.**

Their experiences, your future

Nicolas RESSOUCHES

ESIGELEC Alumni

The ESIGELEC engineering degree is highly recognised for the quality of the training and carries significant potential at the start of one's career. The knowledge base has brought me great value and has helped me move seamlessly between positions, technologies and organisations since I graduated.

Twenty years down the line, I see my batch mates pursuing different professional paths, which says a lot for my alma mater, ESIGELEC.



Subham Banerjee

ESIGELEC Alumni

ESIGELEC gave me my first taste of France, and I loved it so much that I instantly saw myself living in France for many years to come. The school ensured that an otherwise tough journey of studying abroad was made as smooth and hassle-free as possible. From achieving academic excellence to receiving professional guidance, ESIGELEC has always been by my side.

I am grateful to have been mentored by amazing professors who I keep in touch with. I wish all my juniors at ESIGELEC the best and know that they will love this experience as much as I did.

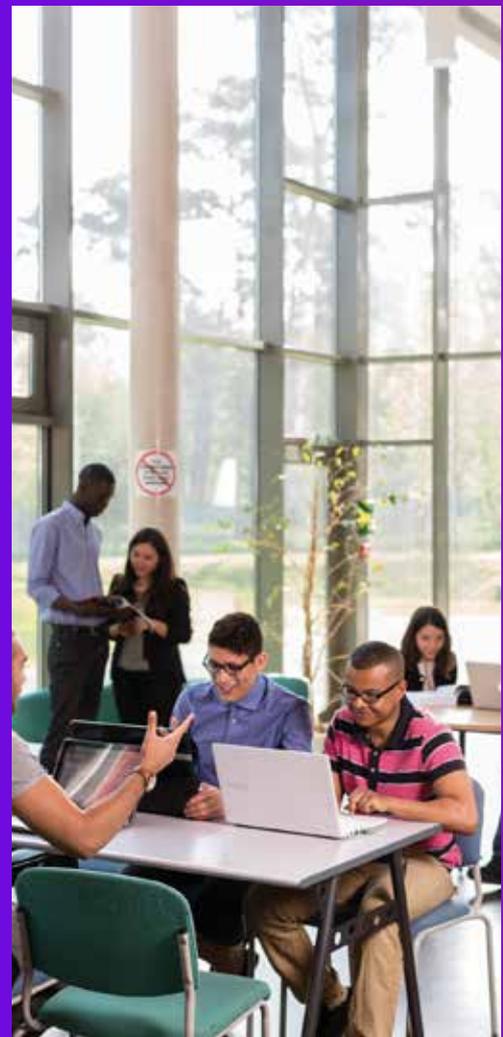


International master's programmes at ESIGELEC

Our master's programmes in Software Engineering & Digital Transformation and Electronic Embedded Systems are taught entirely in English. The curriculum design and the mandatory 4–6-month internship at the end of the programme, enable students to gain work experience while studying. We pride ourselves on moulding graduates who have a head start on being industry-ready!

You can choose multiple entry points for your Master's programme:

- **An 18-month***
full-time programme
(intake in February only)
- **A 2-year***
full-time programme
(intake in September only)



**The decision on admission to the 18-month or the 2-year programme is taken after review of the application.*

The specializations

Master's Programme in Software Engineering & Digital Transformation

At its heart, technology enables huge amounts of data to be collected and communicated, transforming how industry and society work. Digital technologies are used to create or reinvent business processes, culture and customer experiences to meet the needs of growing businesses or changing markets. This reimagining of business in the digital age is digital transformation.

Software development and digitisation are a vital part of modern society and work in tandem in today's business environment.

In this programme, develop advanced knowledge and expertise in the design and development of software or digital services. Learn to apply your engineering principles of software and systems development to transform and modernise digital assets for businesses. Develop skills to create and manage processes with an innovation mindset.

Master's Programme in Electronic Embedded Systems

Inside a mechanical or electrical system, there will often be smaller individual parts that have specific functions to carry out – these parts are known as embedded systems. Computers, hybrid power vehicles, electronic voting machines, ATMs and video game consoles – all contain electric embedded systems that give them the ability to carry out specific tasks.

The design, creation, testing and finally, implementation of embedded systems requires a thorough understanding of processing systems, user interfaces, technical computing and artificial intelligence. These disciplines form some of the core components of our Master's programme in embedded system design.

Who you can be

Career Prospects

With our Master's programmes, gain expertise to take on challenges in the real world. Master the fundamentals and develop versatile skill sets to manage people, projects and resources in complex organisational settings.

Apply your deep know-how and tackle real-world problems as an industry-ready graduate from ESIGELEC.

Opportunities

Master's in Software Engineering & Digital Transformation	Master's in Electronic Embedded Systems
Software Systems Design	Embedded Systems Engineer
Engineer/Maintenance Engineer	Design Engineer
Software Developer	Project Manager
Project Manager	Communications Engineer

We'll help you get there with our scholarships

At ESIGELEC, we believe that bringing students together from different walks of life and from around the globe helps us grow – broadening our exposure and challenging our perceptions. We offer a range of scholarships, based on the programme you choose, to help you achieve your academic goals and experience Europe.

***Find a scholarship that brings you
closer to realising your dreams.***



THE INTERNATIONAL YOUNG ACHIEVER AWARD

This scholarship recognises and rewards applicants with outstanding academic records.

Criteria: Min. CGPA – 9 (or equivalent)

Value – Tuition fee waiver of 5,000 €

THE GRE AWARD

While a GRE score is not a mandatory requirement, applicants with a score of 300+ will receive this award.

Value – Tuition fee waiver of 2,500 €

THE ESIGELEC PARTNER AWARD

ESIGELEC introduced this award with an intention to strengthen bonds with our partner universities abroad.

Value – Tuition fee waiver of 2,500 €

THE ESIGELEC MERIT AWARD

This scholarship recognises and rewards applicants with good academic records.

Criteria: Min. CGPA – 7.5 (or equivalent)

Value – Tuition fee waiver of 2,500 €

OR

Criteria: Min. CGPA – 6 (or equivalent)

Value – Tuition fee waiver of 2,000 €

THE CAUSE-AND-EFFECT SCHOLARSHIP

We believe it is important to recognise students who have contributed to a cause in their home country and to nurture empathy among fellow-humans; hence the 'The Cause-and-Effect Scholarship'.

Value – Tuition fee waiver of 500 €



THE FAMILY SCHOLARSHIP

As the name suggests, this scholarship is for family members of our current or graduated students.

Value – 500 € of total tuition fees.

THE EARLY BIRD SCHOLARSHIP

To receive this scholarship, applicants who have received a conditional offer of admission from ESIGELEC, must accept the offer before the deadline mentioned in the offer letter.

Value – 1000 €

NEXUS FRENCH

This scholarship is for applicants who make the effort of learning French and prove level A2.

Value – 1000 €

*Once the application is reviewed, the Admissions Office will grant all scholarships automatically, based on the criteria defined for each of them. Applicants eligible for more than one scholarship will receive the ones that benefit them the most but of a maximum value of 6,000 €. Scholarships that are offered to the applicant will be mentioned in the Letter of Conditional Admission.



Do you have what it takes?

Entry requirements

A 4-year engineering degree in a related field.

Note:

Students from the European Union, who have successfully completed 3 years of study after high school and in a related field of engineering, are eligible.

If you are from any other country which offers engineering degrees of a duration of 3 years, admission is not guaranteed.

English language requirements

Our Masters programmes are fully English taught. Having sufficient English language skills will help you navigate through the new academic environment quickly, get to know your fellow students and faculty members, achieve success more easily and enjoy the overall experience.

Your English language proficiency will be evaluated based on the self-recorded interview. Check this table to get an idea of what we expect:

Test	Minimum score required
TOEFL	550 (paper based) / 80 (internet based, with no test score below 20)
IELTS	6.0 (with no single test score below 5.5)
TOEIC	750

A GRE score is not mandatory but if you do have a score of 300+, you will be automatically eligible for the GRE award. For details, refer to the section on Scholarships.

To GRE or not to GRE?



Their experiences, your future

Agnika Routh

ESIGELEC Alumni

At ESIGELEC, both the academic and student experiences were worth every moment. The curriculum was well planned and holistic, and I received personal attention for all my assignments. The practical projects and internships gave me a glimpse of the real world and my technical, management and communication skills improved significantly. I even learned some French!

The on-campus facilities at ESIGELEC are very good. The immensely experienced faculty as well as the students, come from all over the world. Studying at ESIGELEC was a truly international experience and yet, one that made me feel at home.



Othman Chiheb

ESIGELEC Alumni

My experiences at ESIGELEC reverberate every day; that's where I learned to deal with situations, to look for solutions, and to say "Yes" and follow through. That's how things work at Microsoft, my current workplace – we bring our expertise to the table with a spirit of goodwill and positivity.

I am indebted to ESIGELEC, a school that allowed me to come into my own.



Admissions

Experience France.
Experience ESIGELEC.

APPLY NOW!

Programme dates and fees

	18-month Master's Programme (3 semesters)	2-year Master's Programme (4 semesters)
Intake	In February only	In September only
Application deadline	10th December	10th July
Total tuition fees	12,050 €	15,450 €

**Semester dates, application deadlines and tuition fees are subject to change without further notice. The decision on admission to the 18-month or the 2-year programme is taken after review of the application.*

Focus on your future, not your finances

The French State and funding organisations in France invest significantly in higher education. This means that the tuition fees mentioned above are significantly subsidised – one of the many perks of choosing France as your study destination.

This helps students significantly cut-back on the heavy burden of student loans. France puts emphasis on making student life comfortable, affordable and valuable for international students.

Still contemplating? Read, research and see for yourself, before you take the next step!

How to apply

ESIGELEC ONESTOP Our online application zone

We know the process of applications can be overwhelming!

At ESIGELEC, all your first steps in joining us can be accessed through the online application portal. Here, you will find all the necessary tools and information for a seamless application process.

Getting your application in early, with all the relevant documents, makes the application process so much smoother. It helps us ensure that everything is processed in time for your preferred intake. Early submission and acceptance also allow plenty of time to make your visa application.

In just three steps, it's done!

01

Create an application for your first-choice course at <https://apply.esigelec.fr>

02

Fill in the required information and upload all necessary documents

03

Self-record your video interview and submit your application

What will you need?

- Proof of ID (Passport or National ID)
- CV
- Statement of purpose highlighting your academic and professional goals
- All academic records (academic transcript and degree certificates)
- 1 letter of recommendation (from your university or from your current work place)
- Extra requirements for language tests (refer to the language requirements section)

When will you hear?

Approximately a week after you have submitted your application online.

*Only complete applications will be processed

Settling in

As a new international student, you are paired with an ESIGELEC Buddy (current student) to help you settle into your new world easily. Your Buddy will be there for you when you arrive in Rouen.

What next?

On receiving a letter of conditional admission, pay your initial deposit and upload the proof on ESIGELEC ONESTOP, to receive the letter of final admission and an accommodation certificate.

Thereafter, we will be by your side, on ESIGELEC ONESTOP, to help you find accommodation, to pick you up when you arrive in France and to keep you informed of anything else you would require at this stage.

Everything online, at one place, via our portal. Simple and seamless.

Need help?

**If you have any questions
or doubts, email us at:**

CHINA - ying.liu@esigelec.fr

SOUTH ASIA - southasiaoffice@esigelec.fr

REST OF THE WORLD - international@esigelec.fr

Internships that make you future ready

Your student curriculum at ESIGELEC is only the beginning of your journey.

All graduate students at ESIGELEC are expected to do a mandatory internship, as part of the curriculum. These internships are vital in transferring classroom and seminar learning into the real world, helping you build on your experience.

Instructors and teachers encourage students to develop demonstrable practical skills. This combined with the high quality of teaching and mentoring at ESIGELEC, gives our students a strong advantage in the job market after graduation. And to make the whole process smoother, we have a dedicated placement office at ESIGELEC, offering students counselling and assistance to find internships.

The internship will help you:

- Understand more about your chosen industry and the companies you may want to look at upon graduation
- Develop your professional and interpersonal skills
- Grow your network in the industry
- Get a head-start on finding your first graduate job

That all important junction – what after ESIGELEC

Join the work force

An engineering degree from ESIGELEC allows for a seamless integration into various exciting sectors. With the help of the JobTeaser technology, ESIGELEC works closely with industry to give access to current job-related information. Companies announce job, internship, and other work contracts on this platform.

96% of students from the most recent batch were able to find employment in less than 4 months

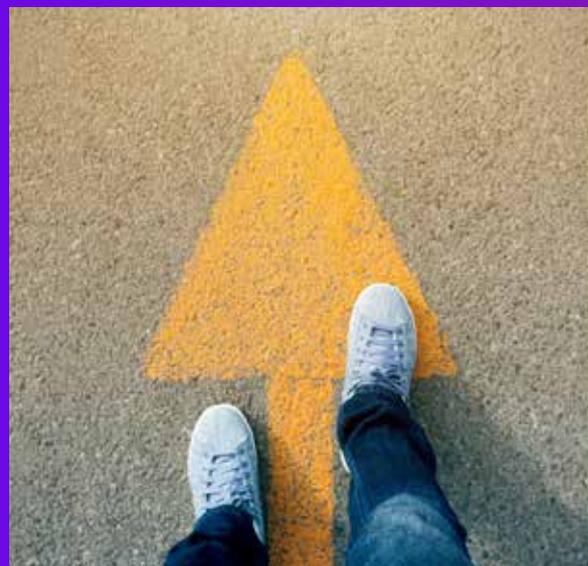
Continue with your education

You can go on to further specialise in your field of study. IRSEEM, is one of the laboratories where PhD scholars of the University of Rouen carry out their work. With a PhD, you can explore R&D opportunities in public or private sector industries. Needless to say, you can also apply for PhD programmes anywhere in the world with the Master's degree from ESIGELEC.

Be an entrepreneur, welcome to the start-up nation!

The very word “entrepreneur” is French! The State welcomes foreign investors and supports world-class R&D, making France an attractive market for innovation investments.

If you want to take the entrepreneurial plunge, there is no place more conducive than France to build your start-up and it takes only 3.5 days to set up shop!



ESIGELEC will be by your side

Tetes des Tribus

A Graduate Network right where the action happens!

This community comprises ESIGELEC's graduates who work for a corporate and come together to enhance the school's visibility among potential employers, and to assist fresh graduates network. They offer recruitment and support services. Over the years, companies have increasingly favoured this platform to forge and develop academia-corporate relations.

ESIGELEC ALUMNI

We are immensely proud of our graduate fraternity, 6000+ in strength, who contribute directly and indirectly to their alma mater. Our alumni are an integral part of the school's life, the school's journey.

The alumni network helps fresh graduates as they venture into the professional arena – support, guidance, networking or recruitment, whatever the need!

Our graduates, wherever they are, are keen volunteers, and are always ready to support you.

For more information, visit: <https://esigelec-alumni.fr>

Their experiences, your future

Simon Rousee

ESIGELEC Alumni

My years at ESIGELEC were ones I cherish. My first steps into the professional world were in the field of electrical and electronic systems in vehicles, more specifically, autonomous vehicles. I continued in the same area of work in Stellantis, before branching out into aeronautics, where I now work as a systems engineer.

For everything that my school gave me, it was important for me to be part of the alumni association – ESIGELEC Alumni – and give back. Since 2018 I am the president of this wonderful community that is proud to be associated with brand ESIGELEC! We hope that one day, you too will be one among us.

You'll see me around!



Ning Liu

ESIGELEC Alumni

As a Master's student at ESIGELEC, my learning experience was very different from other universities. ESIGELEC's teaching was centered on a practical approach and each course included a hands-on project. The schedule was tight and included French lessons, but the number of students in the classes was smaller, and this allowed for better assimilation. Additionally, all classes had students from different countries and cultures, making the study environment rich and diversified.

After leaving the comfort of my home in China, I have learnt to face problems and solve them on my own.

In the two years I spent in France, I grew significantly as a person. Day-to-day life in France taught me a lot about myself. I learnt to cook delicious meals and enjoy the tranquility of European streets.

Studying in France has not only helped me build my career, it has also made me more independent and self-aware.



You may have heard

Come 2024...

and The Olympic Games will return to Paris after a century...

Sporting extravaganza will take centre stage in the country of the avant-garde!

Iconic French heritage sites will transform into magnificent sporting arenas. The Games will open on the banks of the Seine!

In characteristic style, France will show the world that excellence can be achieved while also championing sustainability. The French pledge to make the games more inclusive and improve gender-balance.



206

**PARTICIPATING
NATIONS**

28

SPORTS

306

EVENTS

35

**COMPETITION
SITES**

45,000

VOLUNTEERS

All eyes will be on Paris from
26 Jul to 11 Aug 2024.

**Be part of the run-up to
Paris 2024, it will be
memorable!**



PARIS 2024



**Graduate study
is about YOU...
it always should be!**

Contact us



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