



GROUPE  
**INSA**



STUDYING  
ENGINEERING AT  
GROUPE INSA

**ENGINEER AND SO MUCH MORE**

# Groupe INSA: INSA Schools & Partners

- A network of 7 INSAs and 6 partner schools
- Common values, initiatives, and goals
  - + Common student admission
  - + Structures to address the environmental, digital, and societal challenges: OpenINSA, Gaston Berger Institut, INSA Foundation
  - + Pedagogical projects: common 1st year of study, partnership with The Shift Project, ECIU University
  - + International partnership agreements



## 7 INSAs in France

- Centre Val de Loire
- Hauts-de-France
- Lyon
- Rennes
- Rouen Normandie
- Strasbourg
- Toulouse



## 1 International INSA

- INSA **Martinique** (Fort de France)

# The INSA Schools

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- Engineering schools offering five-year programs,
- Publicly funded,
- Under the supervision of the French **Ministry for Higher Education, Research, and Innovation**,
- **Entitled by the CTI** to award the engineering degree and by the **French Ministry of Culture** for the architecture degree



**ENGINEER AND SO MUCH MORE**

# Groupe INSA & ECIU University



A member of the European Consortium for Innovative Universities (ECIU)

- An European alliance of 14 universities united by a joint goal to make an impact.
- Learners, teachers, and researchers work with cities, communities, and businesses to solve real-life challenges – and foster change.



Tampere University

**Groupe INSA**

Hamburg University of Technology Dublin

City University

Università di Trento

Kaunas University of Technology

University of Stavanger

Lodz University of Technology

Universidade de Aveiro

Universitat Autònoma de Barcelona

Linköping University

University of Twente

Aalborg University

# Missions of our Schools

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- The **initial education** of engineers, architects, landscape designers and PhD holders
- The **scientific and technological research** and its **promotion**
- The **lifelong learning** of engineers and technicians
- The promotion of **scientific and technical culture**



ENGINEER AND SO MUCH MORE

# Key Figures

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- **16 764 students** currently enrolled
- **+3 100 engineers, 35 architects and 30 landscape designers** graduate each year
- **1 275** PhD candidates
- **42% of first years are female students**
- **33% scholarship holders**
- **27% international students**
- **+ 111 000 INSA engineers** throughout the world
- **Over 3 800** technical and administrative staff, teachers and scientists



**ENGINEER AND SO MUCH MORE**

# More Key Figures: Diversity

With a strong focus on diversity and openness, the INSAs pursue a comprehensive policy of openness in favor of:

- ▶ Equal opportunities
- ▶ Gender equality
- ▶ Disability inclusio
- ▶ Apprenticeships
- ▶ The development of lifelong learning
- ▶ International outlook: 125 countries represented



▶ **42%** female admission rate in the first year.



▶ **Nearly 200** students with disabilities.



▶ **27%** of students are international.



▶ **1,100** work-study students.



▶ **33%** of students receive need-based scholarships.

# International Policy

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- Compulsory mobility of engineering students
  - + Studies and/or placement abroad
  - + One mandatory semester abroad
- Studying foreign languages
- Welcoming international students
  - Via exchange programs
  - Via international networks
  - **Via Double Degree agreements**
  - Via international tracks
  - Via Masters of Science
  - Via Summer Programs



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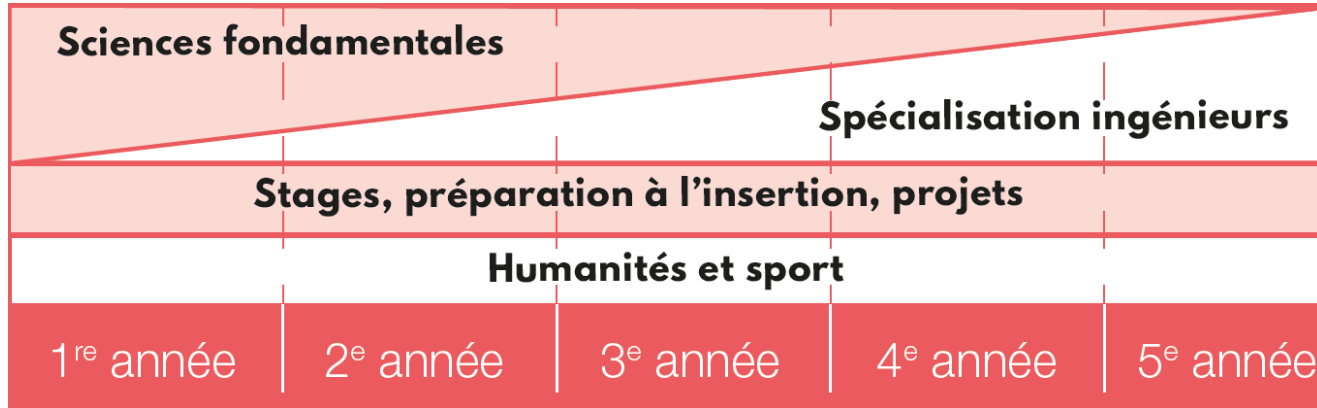
# Why a five-year program?

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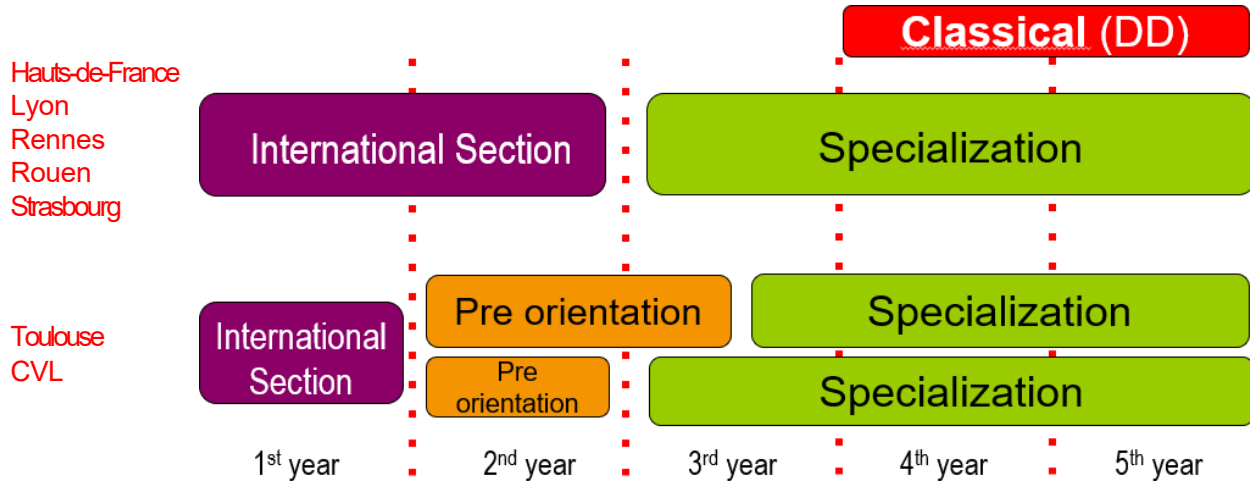
- A multidisciplinary curriculum, with strong ties to industry from the first year onwards (including economics, management, business knowledge, creativity, internships, etc.).
- A progressive specialization – chosen by the student, without competitive exams.
- Support for students' career development from the start of the curriculum.
- A compulsory internship starting in the first year of the curriculum
- A broad selection of specializations.
- A balanced combination of academic work and extracurricular involvement.
- Ongoing assessment throughout the program
- Extensive hands-on lab work.

# A progressive specialization over five years

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# INSA Degree Programs












## Engineer diploma requirements

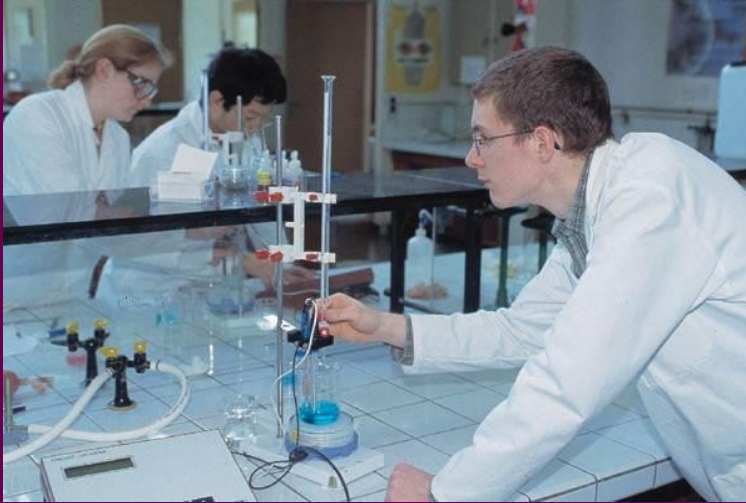
- 3 academic semesters in the specialization
- 6 month industrial internship
- TCF level in French and B2 in English

# Specialization Domains

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Biotechnologies, health	
Energy, chemical engineering, environment	
Civil engineering, urbanism, topography	
Electrical, electronic, control engineering	
Mechanical engineering, industrial engineering, mechatronics	
Engineering of material science	
Computer science, mathematics, modeling	
Architecture	
Landscaper-Designer	

More than **80 specialization fields** covering the different Engineering domains in 41 departments



# Research at INSA Group

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**A cutting-edge scientific research**

**5 major societal challenges**

- Energy for Sustainable Development
- Environment: Natural, Industrial, and Urban Environments
- Information and Digital Society
- Global Health and Bioengineering
- Transport: Structures, Infrastructures and Mobilities

**+1600 professors and researchers involved**

**Ph.D. opportunities**

**Over 50 laboratories**

- Computer science, imaging & virtual reality
- Materials, nanostructures, and photonics
- Systems engineering
- Applied mathematics
- Chemistry & biochemistry
- Civil & environmental engineering
- Mechanical and industrial engineering
- Clean processes and renewable energy
- Digital communication systems



# Internships & Industry

- **Strong links between education and industry**
- **Industrial Relations and Alumni Department**
  - Organization of numerous events with companies
  - Conferences & meetings between students and companies
  - Synergy with industrial partners + Foundation

## Mandatory internships throughout the curriculum

4th year: 12-16 weeks

5th year: 20-26 weeks

### Main Outcomes:

- ▶ Top-level students
- ▶ Job-ready engineers
- ▶ Excellent employment rate

# Living in the Campus

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Modern accommodation, many places to eat, study and many leisure facilities...

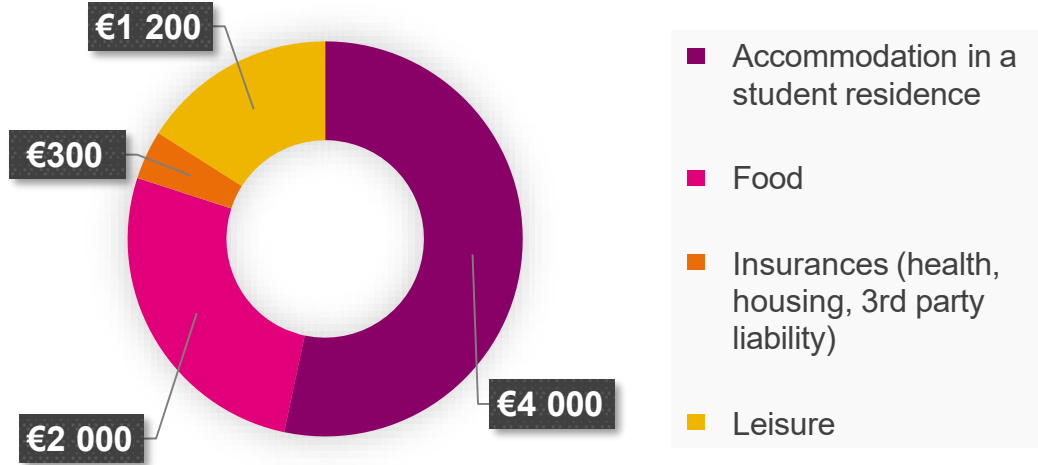
To make our campus a **nice place to live** and **learn**:

- Student residences
- Student restaurants
- Libraries
- Multimedia centers
- Gyms
- Health and social services
- Hundreds of clubs and associations
- Public transport links



# Living Costs in France in 2024

## Cost per year/person



**Total = 7 500 €** per year  
 - 1 000 € per year of Social aid for accommodation

Amount remaining to be paid by the student:  
**6 500 € per year**

**Important** : financial conditions for obtaining the visa should be checked with **CAMPUS FRANCE**

# Application Procedures & Calendar

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**The selection is based on the academic records and comprises three steps:**

- Selection by your university (local) based on the academic scores,
- For a double degree: Interview and selection by the INSA Group and the local university based on the personal project and motivation,
- **The final decision rests with the department of specialization at the host INSA.**

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ADMISSION 2026

**INGÉNIEUR ET TELLEMENT PLUS**

# Eiffel grant procedures & calendar

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**Language recommendations:** B1-B2 level in French

**Application deadlines :**

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<b>Students Selection (local)</b>	<b>July-August 2025</b>
<b>Interviews with Group INSA</b>	<b>August-September 2025</b>
<b>Results of interviews</b>	<b>October-November 2025</b>
<b>Application for Eiffel grant</b>	<b>January 2026</b>
<b>Results for Eiffel grant</b>	<b>March-April 2026</b>
<b>Official file submission*</b>	<b>Mai 2026</b>

\* Each INSA will contact selected student individually and provide information about their specific file submission procedure

# Double diploma (DD) procedures & calendar

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**Language recommendations:** B1-B2 level in French

**Application deadlines :**

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<b>Students Selection (local)</b>	<b>July-August 2025</b>
<b>Interviews with Group INSA</b>	<b>August-September 2025</b>
<b>Results of interviews</b>	<b>October-November 2025</b>

BRAFITEC funds may be available for some Brazilian universities. Students should contact their own international office.

Each INSA will contact selected students individually and provide information about their specific file submission procedure

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COMO SE  
PREPARAR ?

Nível de francês em Agosto :

Pelo menos B1

É possível entrevista em inglês ?

Sim, mais a experiência mostra que é necessário um tempo de maturação pra poder ter tranquilidade na lingua pra aprender em francês

O que é possível fazer até agosto ?

Além de aprender efetivamente..

Conversação e compreensão oral

Discussões com alunos franceses, ...





Por onde começa um planejamento acadêmico ?



Como escolher a Escola de Engenharia ?



Como escolher o curso ?



Duplo Diploma ou Mobilidade Simples ?



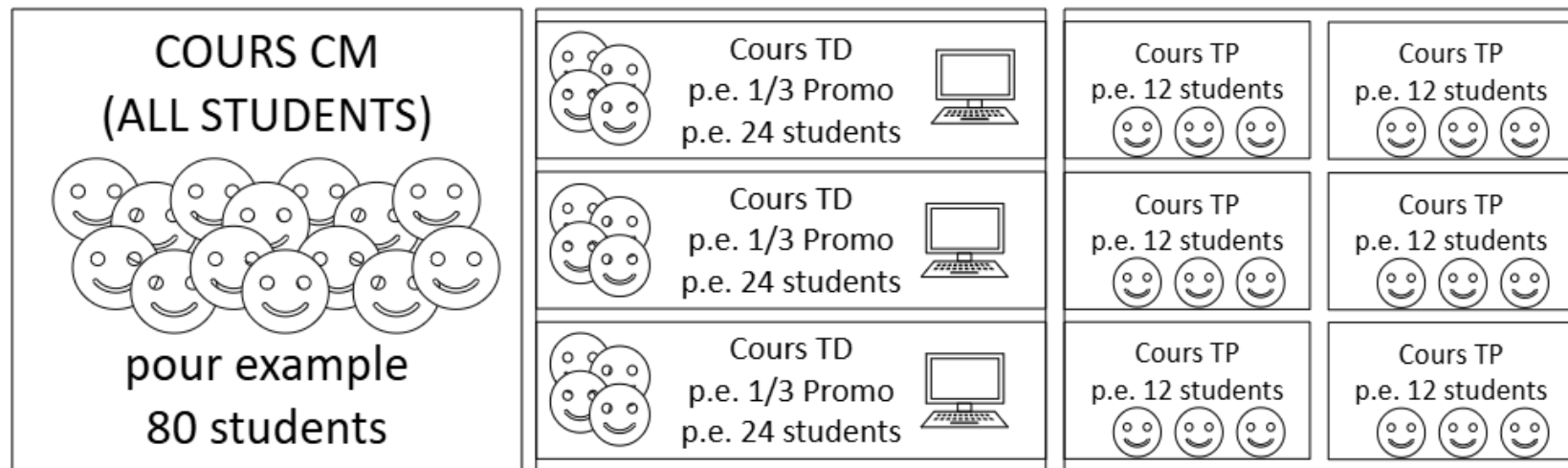
Disciplinas que preciso ?



E quando eu voltar ?



# COURS : CM, TD, TP



# COURS : CM, TD, TP

Semaine 12						
Lundi 17/03/2025			Mardi 18/03/2025			
4IS-GM1	4IS-GM2	4IS-GM3	4IS-GM1	4IS-GM2	4IS-GM3	
07h45-08h15	CM Temps réel GM 216 (VP) 66 08h00 - 09h15 BARON Claude I4ISTI81_IL_TR			CM Analyse et architecture - Processus transverse 08h00 - 09h15 VUILLEMIN Bruno I4ISTI81_IE_AA		
08h15-08h45						
08h45-09h15						
09h15-09h45				CM Analyse et architecture - Processus transverse 09h30 - 10h45 VUILLEMIN Bruno I4ISTI81_IE_AA		
09h45-10h15						
10h15-10h45	TD APS 10h00 - 12h00 AMAR Guillaume CRIVELLARO Olivier DUBOSQ Laurence GUY Claire MAYRA					
10h45-11h15				CM Commande des systèmes articulées et des structures souples GM 216 (VP) 66 11h00 - 12h15 TONDU Bertrand I4ISMM81_SN_CS		
11h15-11h45						
11h45-12h15						
12h15-12h45						
12h45-13h15						
13h15-13h45	TD CONCEPTION MECAT (TB) 16 13h30 - 14h45 BUDINGER Marc I4ISMM81			TD Commande des systèmes articulées et des structures souples (VP-TB-F) 9 postes GEI 102 B Informatique (VP-TB-F) 9 postes 14h00 - 15h15 TONDU Bertrand I4ISMM81_SN_CS		
13h45-14h15	TP Programmation Orientée F) 7 13h30 - 16h15 PENCOLE Yannick I4ISTI81					
14h15-14h45	TP Programmation Orientée F) 7 13h30 - 16h15 LE DIRACH Hugo I4ISTI81					
14h45-15h15	TD CONCEPTION MECAT (F) 13 15h00 - 16h15 BUDINGER Marc I4ISMM81					
15h15-15h45						
15h45-16h15				TD Prospective et imaginaires du futur GM 216 (VP) 66 CSH 011 29 CSH 015 31 CSH F) 120 15h30 - 18h15 NEGREL Nathalie RUDELLE Christophe GRAND Philippe POTAPOFF Igor LECOQ KROMWEL Olivier MARTIN Nicolas THIBAUT Katharina GUERIN Gabriel ZHAN VIGOUROUX Béatrice ERIKSSON Andreas SOTO-ROMERO Georges ACCO Pascal LE CORRE Gwendoline SHEA Joseph CALMETTE		
16h15-16h45	TP Modélisation système, Sy (TB) 16 16h30 - 19h15 MARCHELIDON Robin I4ISMM81			TP Modélisation système, Sy (TB-F) 30 16h30 - 19h15 CORDERO SANCHEZ Migu I4ISTI81_IE_MS		
16h45-17h15						
17h15-17h45						
17h45-18h15						
18h15-18h45						
18h45-19h15						

# CARTA DE MOTIVAÇÃO E CV

Comment puis-je vous aider ?

Me escreva uma carta de motivação em francês para entrar no INSA Toulouse na engenharia de sistemas

+ Rech



[Date]

Objet : Candidature pour le cursus en ingénierie des systèmes à l'INSA Toulouse

Madame, Monsieur,

Actuellement [votre situation actuelle : élève en terminale scientifique, étudiant en classes préparatoires, etc.], je souhaite intégrer l'INSA Toulouse afin de poursuivre ma formation en ingénierie des systèmes. Passionné par les nouvelles technologies et l'optimisation des processus, je suis convaincu que cette formation me permettra de développer les compétences nécessaires pour contribuer à l'innovation dans ce domaine.

Au cours de mon parcours académique, j'ai développé un intérêt particulier pour [mentionnez un domaine pertinent : l'automatisation, la robotique, l'intelligence artificielle, etc.]. J'ai eu l'opportunité de [mentionnez un projet, un stage ou une expérience en lien avec l'ingénierie des systèmes], ce qui m'a permis de renforcer mes compétences en [mentionnez des compétences techniques ou analytiques pertinentes].

L'INSA Toulouse se distingue par la qualité de son enseignement, son approche pluridisciplinaire et ses liens étroits avec le monde industriel. Son programme en ingénierie des systèmes, axé sur la conception et l'optimisation des systèmes complexes, correspond parfaitement à mes aspirations. Intégrer cette formation me permettrait de bénéficier d'un environnement d'apprentissage stimulant et d'acquérir une expertise solide en modélisation, simulation et gestion de systèmes intelligents.

Rigoureux, curieux et doté d'un bon esprit d'analyse, je suis motivé à m'investir pleinement dans ce cursus exigeant. Mon ambition est de contribuer à des projets innovants en ingénierie des systèmes, notamment dans les secteurs de [exemple : l'aérospatial, l'énergie, l'industrie 4.0], afin de répondre aux défis technologiques et environnementaux actuels.

Je serais honoré d'avoir l'opportunité de rejoindre l'INSA Toulouse et de mettre mon engagement et ma détermination au service de cette formation. Je reste à votre disposition pour toute information complémentaire et vous prie d'agréer, Madame, Monsieur, l'expression de mes salutations distinguées.

[Votre Nom]



Se você estivesse  
recrutando, você confiaria  
que a pessoa realmente  
estudou o curso e sabe o  
que quer vindo estudar no  
INSA ???



# CARTA DE MOTIVAÇÃO E CV

Não tem mistério,  
precisa ser real e  
sua carreira depende  
da sua dedicação e  
escolhas

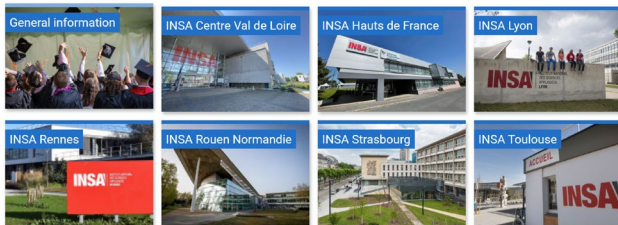


Passe um tempo estudando as  
escolhas e refletindo sozinho, se  
escutando e procurando informações  
dos colegas que voltaram, ...



# INFORMAÇÕES PARA SE PREPARAR PARA A MOBILIDADE

O site abaixo contém informações sobre todos os INSAs.



<https://moodle.uphf.fr/course/view.php?id=7738>





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## RESUMO

Se projete sobre que estilo de Engenheira/Engenheiro quer ser daqui a 10 anos e adapte a sua realidade de hoje (formação acadêmica atual) e as possibilidades que são apresentadas. Então, SE PLANEJE DE FORMA REALISTA

**Muito obrigado  
por sua atenção**

and we hope to see you at



[www.groupe-insa.fr](http://www.groupe-insa.fr)

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