INSA Rennes, a state graduate and post graduate engineering school member of the INSA group
Founded in 1966, INSA Rennes is classed among the best graduate and post graduate engineering schools in France.

In addition to being a research center, INSA Rennes gives professional training in engineering and research in 2 poles of excellence:

- Information and Communication Sciences and Technologies (ICST)
- Materials, Structures and Mechanics (MSM)
Rennes capital of Brittany and city of over 400,000 inhabitants

Rennes is the:
- 11th largest city in France
- 8th city in France for its student population

Rennes is situated:
- 45 minutes from the sea (Saint-Malo)
- 1.5 hours from Paris

Rennes is a university and research hub of international importance in 3 sectors:
- Health
- Digital Technology
- Eco-activities
INSA Rennes, at the heart of a science and technology campus

**Equipped 17 hectare campus**
- Accommodation and catering in situ
- Pedagogical, scientific and sports equipment

**Within the Le POOOL technology cluster**
- 263 companies
- 80% engineering and technology companies

**10 mins from city center**
- 15 mins from the station and airport

**Within the science campus of Rennes**
- 67 000 students
- 32 institutes of higher education and graduate schools
INSA Rennes in a few figures

Excellent scientific training
- 8 engineering specialities, 1 apprenticeship
- 8 Masters by research
- 3 doctoral schools

Cutting edge scientific research
- 6 research laboratories
- 1 technology platform

International prestige
- 150 cooperation agreements in 50 countries
- International double diplomas
- 100% international mobility per cohort

Close cooperation with companies
- Partner Companies Club
- INSA Rennes Engineers' Association (AIIR)
- Patronage, « godparenting », internships, job forums etc

An equipped and lively campus
- 1000 rooms and studio apartments
- 1 restaurant
- 50 clubs and associations

Key figures 2019-2020
- 2,096 students
  - 1,826 engineering students / 78 apprenticed
  - 73 Masters by research
  - 28 specialized masters
  - 129 PhD students
The INSA Group, the leading French network of state graduate engineering schools

6 INSAs in France

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

1 international INSA in Morocco

- INSA Euro-Méditerranée (Fès)

6 partner schools

- ENSCI Limoges
- ISIS Castres
- ENSCMu Mulhouse
- ENSISA Mulhouse
- ESITech Rouen
- UPVD Perpignan

- 14,000 student engineers
- 2,670 engineers and 45 architects graduate/year
- 10% of engineers graduating in France
- 81,000 INSA engineers throughout the world
- 1,170 PhD students
High involvement in higher education and research networks

- INSA Group (founding member)
- Conférence des Directeurs des Écoles Françaises d’Ingénieurs (CDEFI)
- Conférence des Grandes Écoles de Bretagne (CGEB - Présidence)
- Alliance INSA-UT
- CNRS
- Technological and industrial clusters
- Investments for the future
- European networks of excellence
- Research projects with major industrial groups
University and industrial partners in France and abroad

- 150 cooperation agreements in 50 countries
- CPU Morocco, CSC China, RIT USA
- Double diplomas with universities and graduate schools
- ERASMUS +, BIC, FITEC exchange programs
- Partnerships and « godparenting » of cohorts
- Over 90 members of INSA Rennes Partner Companies Club
The profession of engineer is…

- **Finding innovative solutions** for the design, creation and implementation of products, systems and services.

- This profession requires technical, economic and social know-how based on solid scientific knowledge.

### The qualities of an engineer
- Ability to manage and work in a team
- Capacity to devise optimal work methods
- Acumen and skillful innovation
- A sense of adaptation and innovation

### An INSA engineer is
- Humanist, citizen, level-headed
- Innovative, entrepreneur
- Open to others and the world

### Sectors of activity:
- Informatics, Telecommunications
- Public works, Construction
- Renewable Energies
- Banking and Finance
- Electronics
- Transport
- Consultancy
- R&D
Common admission to INSA Group possible at any level (from post-secondary to post-bachelor’s)

- Doctorate

- INSA Engineering Diploma (master level)
  - Master by Research
  - 4th year entry / level M1 (equivalent to first year master’s)
  - Entrance to Master by Research / M1 level (equivalent to 1st year master’s)

- 3rd year entry / BTS, DUT, L2 ou CPGE level (equivalent to 2 year post high school diplomas)

- 2nd year entry / L1 level ou CPGE2 (equivalent to 1st year bachelor’s)

- 1st year entry / Baccalaureate in sciences (or equivalent)

Candidature to INSA Group from 20th January to 20th March:
- admission.groupe-insa.fr
- www.groupe-insa.fr
- admis@groupe-insa.fr

Candidature to INSA Rennes for entrance to 4th year:
- www.insa-rennes.fr
- scol@insa-rennes.fr
Post-secondary engineer training in 5 years

**General foundation course (1st and 2nd years)**

- Sciences and Techniques for Engineers (STPI*)
- Classic stream
- International stream
- Political sciences (with Sciences Po Rennes)

**8 specialities on option chosen from 2 poles of excellence (3rd, 4th and 5th years)**

- Information and Communication Sciences and Technologies (STIC*)
  - Electronics and Computer Engineering (EII*)
  - Mathematical Engineering (GM*)
  - Computer Science and Software Engineering (INFO*)
  - Computer Systems and Networks (SRC*)
  - Design and Development of Innovative Technologies (CDTI*)

- Materials, Structures and Mechanics (MSM*)
  - Civil Engineering and Urban Planning (GCU*)
  - Mechanical and Automation Engineering (GMA*)
  - Materials Science and Engineering (SGM*)

*In French
A choice of paths throughout the engineering curriculum

Programs to develop dual skills or obtain a double diploma

Management and innovation
- Double diploma Engineer-Manager (in partnership with ESC Rennes School of Business, IGR and Audencia Nantes)
- MSc Innovation & Entrepreneurship (in partnership with ESC Rennes School of Business)
- Specialized Advanced Master in Operational Excellence (company-linked training)

Double curricula
- Double diploma Engineer - Architect (in partnership with ENSAB Rennes)
- Double diploma Engineer - Data Scientist (in partnership with ENSAI)
- Double diploma Engineer - Biostatisticien (in partnership with Université de Rennes 1)
- Double diploma Engineer - Analyste financier (in partnership with IGR-IAE)
- Double diploma Engineer - Actuaire (in partnership with EURIA-Brest)

International
- International affiliates
- Semesters in English
- International Double diplomas

Arts-Studies Stream
- Music-studies
- Theater-studies
- Teknik-studies (sound and light)
- Arts Plastiques-études

Sporting Excellence Stream
- High level sportsmen and women

Research and Development
- Masters by Research
- Continuation of studies in Doctoral School
Cutting edge scientific research

2 poles of excellence: ICST and MSM
- ICST: Information and Communication Sciences and Technologies
- MSM: Materials, Structures and Mechanics

7 major research themes
- Mechanics and Robotics for Industry
- Civil Engineering and Sustainable Structures, Eco-Design
- Electronics and Connectivity
- Informatics, Cyber-Security & Big Data
- Applied Mathematics, Statistics and Optimization
- New Materials and Functional Molecules
- Optoelectronics and Photovoltaics
Hi-tech equipment

Civil and Mechanical Engineering technology platform
Civil and Mechanical Engineering Laboratory of INSA Rennes
- Technological transfer: mechanical industries, construction, public works
- Technical services, expertise, consultancy, training

NanoRennes Platform dedicated to micro-nano-manufacturing
IETR-DM2 Teams of Université de Rennes 1 and FOTON-INS A Rennes
- Micro and nano-manufacturing technologies for applications
- Microelectronics, optoelectronics, chemistry and bio-physics

Immersia virtual reality platform
Centre Inria Rennes-Bretagne Atlantique and Unité Mixte de Recherche IRISA
- One of the largest virtual reality rooms in the world
International appeal

International exchange programs

Mobility of teaching staff

- Reception of teaching staff from our partner establishments

Mobility of students

- FITEC Program (Brazil, Argentina, Mexico)
- BIC Program (Canada)
- ERASMUS + Program (Europe)
- Framework agreements (non EU)

150 COOPERATION AGREEMENTS IN 45 COUNTRIES

- 100 % international mobility in every cohort
- International double diplomas in Europe, Africa and South America
International appeal

Training with an international outlook

- 1 compulsory internship or study period abroad
- Optional lessons given in English
- 9 modern languages taught
- TOEIC : B2 level required to obtain an INSA engineering diploma
- 3 semesters in English for international students (Media & Networks, Optoeletronics, Data & Programming)
- 14 international double diplomas

Reception and integration of international students

- Summer school, preparatory semester (refresher course)
- Cultural and linguistic stays
- 15 % international students (45 nationalities)
- International stream (pairing French/foreign students)
- French as a Foreign Language courses (FLE) for all the foreign students
Privileged relations with companies

Networks and partnerships with major economic and industrial players
- Partner Companies Club (90+ members)
- Association of over 9,959 graduate engineers (AIIR)
- Transfer of technology and innovation
- Business incubator
- Civil and Mechanical Engineering technology platform
- Research and innovation projects
- Company and site visits
- Industrial projects
- « godparenting » of cohorts, patronage

Successful professional integration
- Internships in France and abroad: 11 months on average
- Average starting salary: 35 k€/year (excluding bonuses)
Training aimed towards companies

Internships in France and abroad
- 11 months of internship in France and abroad (average taken over total training)
- 3 compulsory internship periods (1 in STPI and 2 in speciality)
- 1 Final Year Project of 4 months minimum

« Godparenting » or patronage of companies
- Civil and Urban Engineering cohorts (GCU) « godparented » by Semtcar (2017) and Groupe VINCI (2019)
- Communications and Networks Engineering cohorts (SRC) « godparented » by ORANGE (2018)
- Mechanical and Automation Engineering cohorts (GMA) « godparented » by SNCF (2017) and SANDEN (2018)
- Mathematical Engineering cohorts (GM) « godparented » by la BPO (2017)

Student-company contacts
- Internship dating: meeting HR directors and executives to find an internship, for 4th and 5th year students
- Forum Grand Ouest: job forum for young graduates
Coordinated by the head of company relations and partnerships, this club offers companies:

- Business opportunities
- Privileged access to innovation
- Recognition activities with the student engineers
INSA Rennes strong points

Egalitarian and social values

Through its **Equality of Opportunity program**, INSA Rennes actively:

- **Favorizes equal opportunities and welcomes diverse populations**
- **Raises the awareness of** future engineers in the **management of diversity** and the **social responsibility** of companies

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**Social inclusion**
Promotion of higher studies for high school students from modest backgrounds

**Disabilities**
Integration of disabled students

**Sex equality**
Promotion of scientific studies and engineering careers for girls

**International awareness**
Reception and integration of international students
Mission for sustainable development

In accordance with the Plan Vert conforming to the French law - La Loi Grenelle of 3 August 2009, INSA Rennes is engaged in a sustainable development drive, on economic, societal and environmental levels:

- Encouraging inter-disciplinary and innovative research programs
- Reducing the carbon footprint of INSA Rennes
- Emphasizing the principles of sustainable and fair trade development in the training curriculum
- Involving staff and students in continuous improvement initiatives
An equipped campus offering a privileged living and study environment

- 1000 furnished rooms and studio apartments
- 1 university restaurant
- 1 library
- 1 multimedia center
- 2 language laboratories
- 1 multisports hall (23 activities possible)
- 1 medical and psychology service

A dynamic associative life

- 50 student clubs and associations
- Numerous cultural and sports clubs
Advantages of INSA

EXCELLENCE TRAINING
- 8 engineering specialities
- Optional curricula and double curricula
- Company-linked diplomas

CUTTING EDGE RESEARCH
- 6 internationally renown laboratories
- 1 technology platform
- 8 Masters by Research
- 3 doctoral schools

INTERNATIONAL AWARENESS
- Internship or study period abroad
- Optional courses given in English
- International Double diplomas
- 15% international students

A SCHOOL OPEN TO ALL
- Reduced school fees (fixed by the French government)
- Equipped campus

ALMOST 50 YEARS IN EXISTENCE
- Equality and social values
- Selective recruitment policy for a school open to all
- Successful professional integration: 1st job in 1.5 months (2019 cohort)

RECOGNITION IN FRANCE AND ABROAD
- Member of the leading French group of state engineering schools
- Maximum accreditation from the Commission des Titres d’Ingénieurs (CTI) (independent higher education engineering institution accreditation board)
- EUR-ACE European label
Admission possible at any level

Application for 1st year – INSA engineer
- Required level: Baccalaureate in sciences or equivalent
- Application on line via the ParcoursSup clearing system from 20th January to 20th March

Application for 2nd year – INSA engineer
- Required level: L1 (first year bachelor’s) or 2nd year of CPGE
- Application on line at admission.groupe-insa.fr from 20th January to 20th March

Application for 3rd year – INSA engineer
- Required level: Bac +2 or equivalent: DUT, BTS, L2, 2nd year of CPGE
- Application on line at admission.groupe-insa.fr from 20th January to 20th March

Application for 4th year – INSA engineer
- Required level: Master 1 (first year, master’s) or equivalent
- Application from mid-January to 1st June (to the Registrar’s Office)
Contacts

HEAD OF TRAINING- STUDIES
- infos-admissions@insa-rennes.fr
- scol@insa-rennes.fr

HEAD OF RESEARCH
- recherche@insa-rennes.fr

EUROPEAN AND INTERNATIONAL RELATIONS
- international@insa-rennes.fr

INDUSTRIAL RELATIONS AND PARTNERSHIPS
- drep@insa-rennes.fr