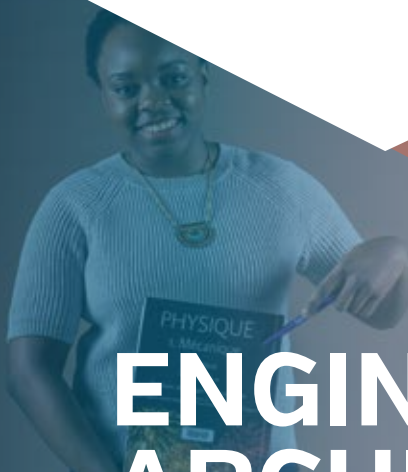


INSA

INSTITUT NATIONAL
DES SCIENCES
APPLIQUÉES
STRASBOURG

ENGINEERS ARCHITECTS

UNDERSTAND THE WORLD,
CONTRIBUTE TO BUSINESS
AND INDUSTRY



EDITORIAL



ROMUALD BONÉ, DIRECTOR

Based in the heart of a European capital, which is also a great place to live, and in Alsace, a region ideally situated at the crossroads of the major routes across Europe, INSA Strasbourg teaches engineering and architecture students.

INSA Strasbourg is a “*Grande École*”, but one on a comfortable human scale that trains citizens who share humanist values of respect, fairness and solidarity.

Here students cultivate an openness to the world and develop their skills with numerous local, national and international partners. INSA Strasbourg’s students are open-minded young people, who participate in sports, cultural and community service activities that further their personal development as well as that of the community at large.

Our students are trained to meet society’s needs and cultivate the values upheld by the INSA group, such as a love of learning, innovation, an enterprising mind...

The Institute prepares them to take an active part in the transitions of the 21st century: the ecological transition, the energy transition, the digital transition, the transition in manufacturing (Industry 4.0). They will go out into the world to accompany and support cities and regions as they transition, as they move towards more sustainable architecture.

They will be professionals who are in demand, responsible and committed, with strong analytical skills, a capacity for discernment and detachment that will enable them to constitute an essential link between sciences, technology and the human community. Singular engineers and architects with multiple skills...

2,000 students

450 graduates a year

14% overseas students

100% of students spend some time abroad (3 months to 1 year)

35% female students

30% students with state grants

118 teaching staff and lecturer/researchers

3 research units

129 engineers, technicians and administrative staff

300+ external contributors

27,000 m² premises

14,400 alumni

WELCOME TO INSA STRASBOURG

**“UNDERSTAND THE WORLD,
CONTRIBUTE TO BUSINESS
AND INDUSTRY”**

INSA Strasbourg is a “*Grande École*” - an engineering and architecture school under the control of the Ministry in charge of higher education.

Its missions are to train engineers and architects in five years, to conduct high-level research in science and technology, to provide continuing education for engineers and technicians, to facilitate professional integration and to promote a science and technology-focused culture.



GOING BEYOND BORDERS

INSA Strasbourg actively works to go beyond borders, whether geographical (thanks to the Franco-German DeutschINSA course and numerous international partnerships) or disciplinary boundaries. In particular this has led to the creation of a cross-disciplinary engineering/architecture course, but also, more widely, to intersections between disciplines in the areas of training and research. Going beyond borders also means mixing different teaching methods and promoting an openness to other people and the world in general.

BEING AN ACTOR IN A CHANGING WORLD

INSA Strasbourg is constantly changing in line with its environment. At every level, local, national and international, it offers solutions for the major challenges of our time: spatial planning, construction and industry have to integrate solutions conducive to sustainable development. Inventive design, one of INSA Strasbourg's strong research fields, helps to find innovative, relevant answers.

ENGINEERS AND ARCHITECTS

Since it was founded, the school has always trained both engineers and architects. It is the only school in France to award both these degrees. In 2014, it created a new joint engineering and architecture course.

GUARANTEED INTEGRATION INTO THE WORLD OF WORK

Surveys* show that INSA Strasbourg students do better than average in terms of professional integration when compared to other engineering schools. It takes graduates an average of 0.7 months to find a job. 92% of INSA graduates have management level jobs. The

employment rate for female graduates is higher than for males, an exception among engineering schools.

A HUMAN SCALE

The school's size helps to make it a particularly convivial environment, where contacts are friendly and easy, even between years. Regular meetings between management, teaching staff and students create close relations and facilitate dialogue. INSA Strasbourg maintains close ties with businesses, offering them services and tailor-made partnerships and organising events to create links with the students.

AN IDENTITY ANCHORED IN A HISTORY AND VALUES

Created in 1874 when Strasbourg was part of Germany, the school had a dual vocation to train architects and builders, with the aim of building a bigger Strasbourg, as the city's population had doubled. Hence the presence of surveyors, electrical engineers, civil engineers and architects. This multi-disciplinary spirit remains to this day. The school became INSA Strasbourg in 2003 when it joined the INSA group, whose values it found it shared: diversity and openness to others and the international world, to sport and culture.

STRASBOURG, THE MOST ATTRACTIVE CITY OF FRANCE

The INSA Strasbourg is located in the city-center of Strasbourg which is according to the ranking of 2019 made by the weekly newspaper: Le Point, the most attractive city of France. This ranking is based on three main aspects: economic drive, mobility and connectivity as well as the quality of life.

* First job survey 2019, INSA Strasbourg

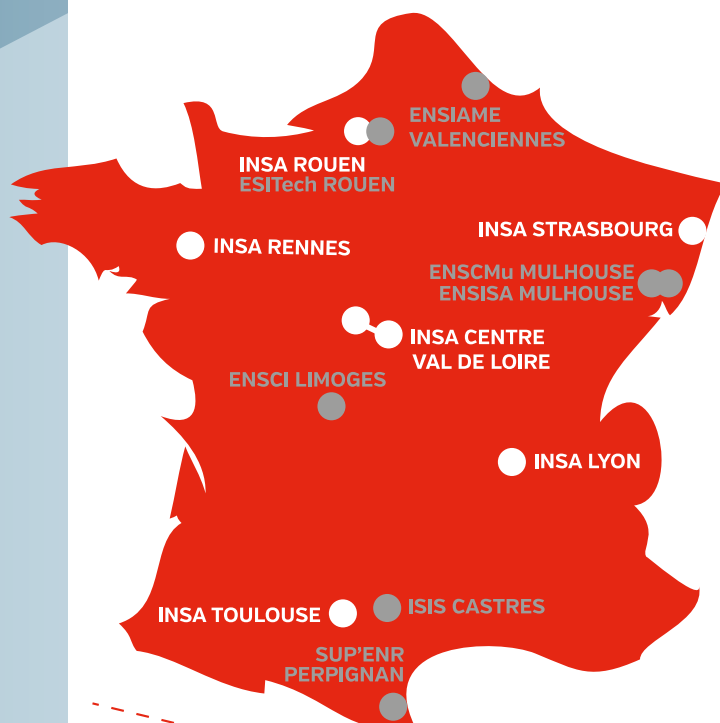
THE STRENGTH OF THE INSA GROUP

INSA Strasbourg belongs to the INSA Group, which is a grouping of six national institutes of applied science (Lyon, Rennes, Rouen, Strasbourg, Toulouse, Centre Val de Loire), an International INSA (INSA Euro-Méditerranée) and 7 partner schools.

They make up the largest network of engineering schools in France and every year they train over 10% of French engineers. The group's dynamism and reputation are based on the quality of its multi-disciplinary teaching combined with the breadth and depth of its interactions with research.

United by a set of shared values and a joint entry system, the INSAs cooperate, collaborate and exchange practices and knowledge.

THE INSA GROUP AND ITS PARTNERS



○ INSA EURO-MÉDITERRANÉE
FÈS - MOROCCO

○ INSA Group schools
● INSA partners

NETWORKS AND PARTNERS

AN ACTIVE REGIONAL NETWORK

INSA Strasbourg is a partner in the Alsace "site contract", which set up a regional association of higher education institutes to foster greater cooperation. It is a founding member of Alsace Tech (an association of fourteen engineering, architecture and management schools), of the SATT Conectus Alsace, a technology transfer company in which it is also a shareholder, the Semia technology incubator and a partner of Alsace Innovation (Alsace technology network) and member of Région architecture.

STRONG LOCAL ROOTS

The largest engineering and architecture school in Alsace in terms of student numbers (37% of engineering graduates in Alsace), the school has strong ties with the socio-economic actors in the region. 37% of the engineers graduating from the school work in local firms (in very small enterprises, SMEs and large groups).

NATIONAL AND INTERNATIONAL PARTNERSHIPS

INSA Strasbourg is a member of the Conférence des grandes écoles, of the Conférence des directeurs des écoles françaises d'ingénieurs [Conference of the heads of French engineering schools] and of several international networks that facilitate exchanges, such as Erasmus+, N+I, Crepuq, Brafitec, Arfitec, the Franco-German University, the AUF [French-speaking universities agency], etc.

OUR COURSES

5-YEAR COURSES IN SEVEN ENGINEERING SPECIALITIES

The courses taught cover two main areas:

- industrial systems: mechanical engineering, electrical engineering, mechatronics, plastics engineering;
- planning and construction: civil engineering, surveying engineering, HVAC, energy engineering.

A 5-YEAR ARCHITECTURE COURSE

Entry at Baccalaureate + 1 year's higher education. The architecture course is approved by the Ministry of Culture. All student architects at INSA have some engineering as part of their course, which is what makes this course unique in France.

AN ENGINEERING AND ARCHITECTURE COURSE

Architecture students all follow the dual engineering and architecture course. Engineering students also have the possibility of joining the dual course alongside the architecture students. After five years of training, i.e. 6 years of higher education, students are awarded the INSA Strasbourg diploma in architecture or engineering and a bachelor's degree in architecture and engineering. Students on the dual course can obtain both the INSA architecture and the INSA engineering diploma after 7 years of higher education.

DEUTSCHINSA, A FRANCO-GERMAN COURSE

To train European engineers with a mastery of the German language, culture and German professional codes.

FIVE APPRENTICESHIP PROGRAMMES

Five specialities are also open to students on apprenticeship or continuing education schemes: mechanical engineering, climate control and energy engineering, electrical engineering, franco-german mechatronics in partnership with ITII Alsace (Institute of industrial engineering techniques Alsace) and plastics engineering in partnership with the CIRFAP (Inter-regional center for sandwich-course training in plastics engineering).

ADMISSIONS

> More information at: www.insa-strasbourg.fr



ONE "MASTÈRE SPÉCIALISÉ"®

A specialist master's in eco-consultancy in partnership with the Institut Éco-conseil, accredited by the Conférence des grandes écoles.

NATIONAL MASTER'S DEGREES

Students at INSA can prepare to continue along a research path by registering in their final year, in parallel to their main course, for one of the master's that INSA Strasbourg is co-accredited to award.

Master's courses available:

- Architecture, structures and urban projects;
- Surveying engineering and photogrammetry;
- Automatic controls and robotics;
- Surface design and innovative materials;
- Advanced digital modeling

CONTINUING EDUCATION

Students who have already completed shorter courses or qualified at technician level can follow a 3-year course leading to the diploma in engineering.

STUDENT-ENTREPRENEUR

This nationally recognized status enables students to develop an entrepreneurial project alongside their studies.

SPORT-STUDY, ART-STUDY, MUSIC-STUDY PROGRAMMES

Courses can be adapted so that top-level athletes or talented artists can continue their studies whilst pursuing their sporting or artistic career.

EXPERT ENGINEERS OPEN TO THE WIDER WORLD

**"I WAS LOOKING FOR AN ENGINEERING SCHOOL
THAT WOULD RECOGNIZE MY SPORT"**

INSA Strasbourg students are much appreciated by companies. During the course of numerous projects, they learn to work beyond their speciality, in multi-disciplinary teams.

Students all have the option of taking introductory courses in entrepreneurship, safety and research.



INSA Strasbourg engineers have a generalist profile, plus expertise in one or more disciplines. They have a strong technology-oriented and practical approach, with a particularly well-developed aptitude for design and development of products or systems. They are capable of working across disciplines.

Engineering students are admitted on the basis of their qualifications, their application and sometimes an interview. The INSA schools run a joint admission system for entry into the 1st and 3rd years. The system aims to pick the best candidates, whilst remaining open to social diversity. There are 220 first year places.

SANDWICH COURSES

Sandwich courses last three years. They are open via apprenticeships to students under the age of 30 with a BTS-DUT (2-year technical higher education courses) or BSc or as continuing education courses. Sandwich course students are awarded the INSA Strasbourg diploma in partnership with the ITII Alsace (Institute of industrial engineering techniques Alsace) and with the CIRFAP (Inter-regional center for sandwich-course training in plastics engineering) for plastics engineering.

5 engineering specialities

- mechanical engineering
- HVAC and energy engineering
- electrical engineering
- Franco-German mechatronics
- plastics engineering (September 2019)

24 apprentices in each year

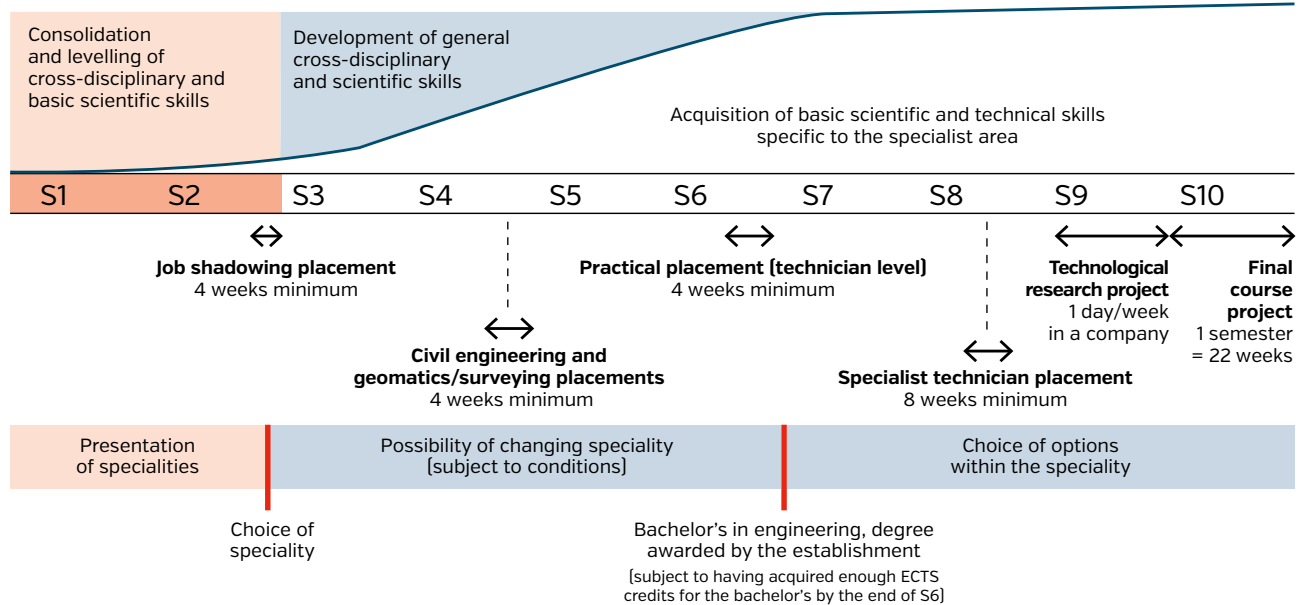
50% of the training time is spent in the company

Perspective Alternance is a themed course that enables engineering students recruited in the first year to follow a sandwich course if they so wish. After two years, they can sign up to one of the four specialities open to the sandwich scheme.

ENGINEERING COURSES AT INSA STRASBOURG

The first two semesters are taught in the STH department (science, technology, humanities)

The next eight semesters are spent in one of the seven specialist engineering departments



SANDWICH COURSE OVER THREE YEARS

Alternating 2 weeks at the school/2 weeks in a company for apprenticeship-type courses

Final course project
1 semester = 22 weeks

12 engineering specialities including 5 offered as sandwich courses

civil engineering
surveying engineering
HVAC and energy engineering ^s
electrical engineering ^s
mechatronics ^s
mechanical engineering ^s
plastics engineering ^s

38 weeks of placements

42 in civil engineering and surveying engineering

20%

elective courses

100%

of students go abroad often several times:
50% spend some time at a university,
75% do an internship in a company

0.7 months

on average to find a first job after graduating*



BAPTISTE MISCHLER, 3RD YEAR SURVEYING ENGINEERING STUDENT AND HIGH-LEVEL ATHLETE

"I was looking for an engineering school that would recognize my sport. Without this special status, I would not be able to achieve the performances I do. I have the possibility of adapting my course to fit in with my sport and even to validate one year's study over two years. I also have special permission to miss some classes to accommodate training or receive medical treatment. For example, I was able to go on a three-week training camp in South Africa. I can catch up on my exams later if I am not available and I can have extra lessons. Practising my sport alongside my studies gives me balance in my life. Engineering suits me down to the ground as I find the same values, the same vibe."

^s Also available as a sandwich course
* First job survey 2019, 2018 graduates

INSA ARCHITECTS: TRAINED IN ENGINEERING

**“STUDYING ARCHITECTURE
AT INSA STRASBOURG IS A CHOICE,
YOU DON'T END UP HERE BY ACCIDENT”**

INSA Strasbourg is accredited by the Ministry of Culture and Communication for its diploma in architecture. It is the only school in France to train both architects and engineers. In 2014, the school reinforced this proximity between architects and engineers by creating a joint training course for the first three years. Students acquire a **strong technical culture and earn, as well as their architect's diploma**, a bachelor's in architecture and engineering [a degree awarded by the school equivalent to a bachelor's in engineering]. This is one of the singularities of the course.



ACTIVE, ORIGINAL TEACHING

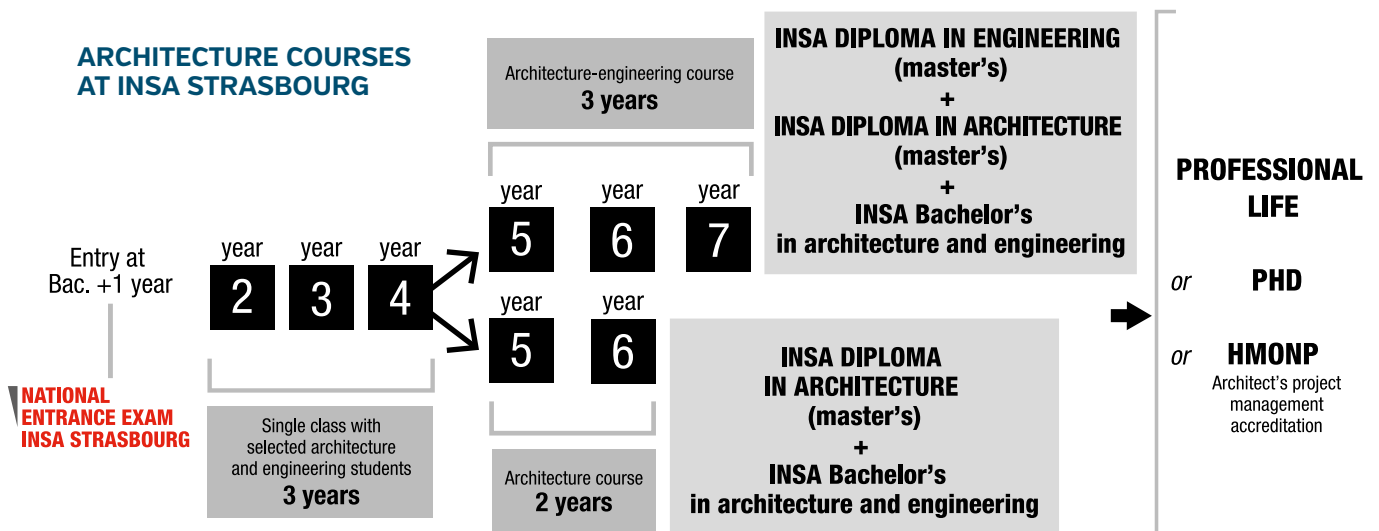
The practical, project-based learning method places a great deal of emphasis on team work and the forming of groups within and between the different years and specialties. The pace of work is intense. Students have numerous opportunities to meet and work with professionals.

The course lasts 5 years after admission at baccalaureate + 1 year level. Admission is via a specific national entrance exam. The content of the science paper is based on the first year of the science “*classes préparatoires*”. The entrance exam enables the school to select a group of 36 students of the same level, who are joined in the first three years by engineering students on the dual course (20 students, from the school's civil engineering, climate control and energy engineering and surveying engineering courses, plus 4 students from other INSA engineering streams).

DUAL QUALIFICATION

INSA Strasbourg architecture students who wish to really make the most of their technical training can follow the dual course and prepare the two INSA diplomas in architecture and engineering in 6 years after starting at baccalaureate + 1 year of higher education. The number of places on this demanding course is limited. Students are recruited at the end of the first three years based on their results and a reasoned personal project.

The HMONP diploma (architect's project management accreditation) is awarded to architects after a period of further training including at least six months of practice in a firm. This diploma is often taken after an initial period of professional experience.



26 weeks

of placements in companies and architects' firms

4 weeks of "charrettes" at the beginning of the year

This term refers to a unique system that enables each student to round off his/her course with the help of a team made up of one student from each year. This scheme plays an important role in creating and perpetuating the particular spirit of INSA Strasbourg architects

80 people

on the panel that awards the diploma, two thirds of them practising professionals from outside the school

80%

of graduates get their first job with a firm of architects, 8% in engineering consultancies, 5% working with contracting authorities. Other opportunities exist in the heritage, art and environment fields

100%

of students go abroad often several times: 90% spend some time at a university, 75% do an internship in a firm

68 prizes

and honours, national and international, awarded to young architects who have qualified at INSA Strasbourg since 1989



Most recent prizes

2019: 1st prize Caisse nationale de solidarité pour l'autonomie: Milan Engström and David Martin
 2019: 4th prize, Trophée Béton: Steve Meyer
 2018: Academy of Architecture Meyer Levy prize: Lise Koenig
 2018: 1st prize, Trophée Béton: Jérémy Delhostal
 2017: 4th prize, Trophée Béton: Dany Saouli
 2017: Robert Camelot prize: Claude Pierrel
 2016: 1st prize, Trophée Béton: Anémone Degand
 2016: 1st prize, Academy of Architecture Camelot prize: Kim-Loan Nguyen
 2016: 1st prize, Academy of Architecture Meyer Levy prize: Chloé Francou
 2016: Joint 1st prize, Academy of Architecture Tony Garnier prize: Clotilde Méda

CLOTILDE MÉDA, ARCHITECT, JOINT FIRST PRIZE WINNER, ACADEMY OF ARCHITECTURE TONY GARNIER PRIZE

"Studying architecture at INSA Strasbourg is a choice, you don't end up here by accident. The teaching gives you a more technical grounding than other schools of architecture, based on knowledge of buildings. We are taught to train ourselves and learn through our contacts with others. The lecturers encourage and support us in our personal reflections, everyone develops their own way of thinking."

ENGINEERS WITH A GROUNDING IN ARCHITECTURE

**“IT’S AN ADVANTAGE YOU’LL
CARRY WITH YOU ALL YOUR LIFE”**

To meet growing demand from students and the needs of the professional world, INSA Strasbourg introduced an original course. It offers engineers the possibility of acquiring a grounding in architecture, **training alongside the architects.**

This dual course, which is open to students on the HVAC and energy engineering and civil engineering courses (maximum of 24), lasts 5 years and admissions are at baccalaureate + 1 year level. Following the same course as the architects for the first three years, students earn, on top of their INSA diploma in engineering, a bachelor’s in architecture and engineering awarded by the school and equivalent to a bachelor’s degree in architecture.

Engineers and architects are therefore able to share their skills and their learning processes so that they acquire a common culture and vocabulary, **thereby fostering better mutual understanding and facilitating communication.**

If they wish to pursue their architecture training to an advanced level, INSA Strasbourg engineers can gain both the architecture and the engineering diplomas after 7 years of higher education. The number of places on this demanding course is limited. Students are recruited at the end of the first three years based on their results and a reasoned personal project.

2,200 hours

of architecture training for engineering students taking the dual course

20%

of students on the construction-based engineering courses are also trained in architecture

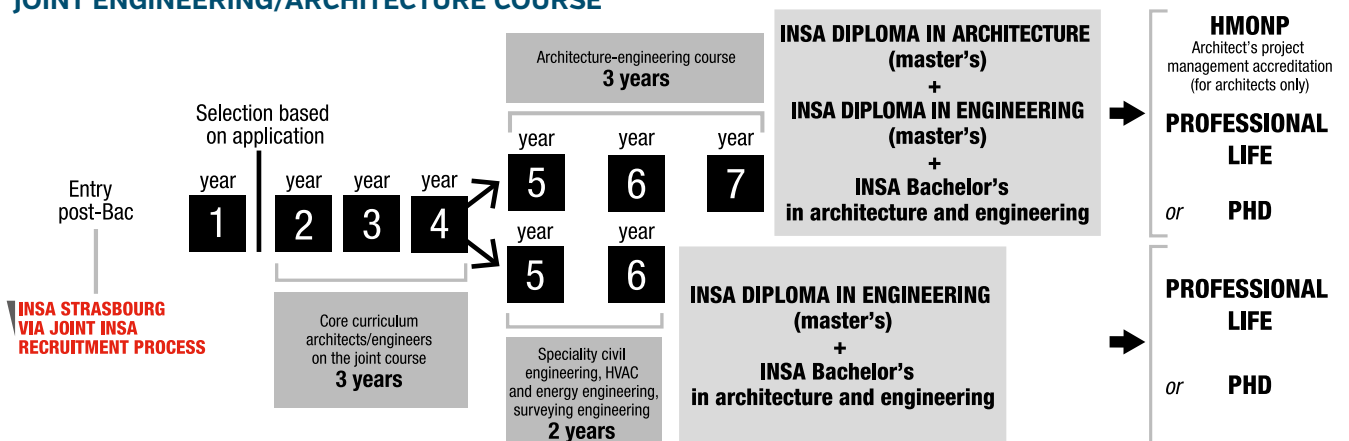
42 students

a year take the joint engineering and architecture course

ANNE HOELLINGER AND ANNE-CLAIRE STIEL: DUAL INCARNATION OF THE DUAL ARCHITECTURE/ENGINEERING DIPLOMA

One is an architect, the other is an engineer, both are graduates of the dual architecture and energy engineering course at INSA Strasbourg. They studied together for 6 years and now find themselves working on the same projects. They both recommend the dual diploma to other students: “It’s a chance to get two real qualifications”. “It only takes one or two extra years and it’s an advantage you’ll carry with you all your life.”

JOINT ENGINEERING/ARCHITECTURE COURSE



ICH LIEBE DEUTSCHINSA

DeutschINSA is a bilingual training course that starts in Year 1. It is run in partnership with **five German-speaking higher education institutes**. The aim is to immerse the students in the mix of languages and cultures in order to develop their ability to adapt and innovate, so that they absorb two work cultures, to better understand their future industrial partners.

4 COURSES ADAPTED TO STUDENTS' LANGUAGE LEVELS

Three courses are offered, from "advanced" to "expert", that are equivalent to a bi-national bachelor's degree. The master's course corresponds to a bi-national master's.

All the levels include at least one placement in a German-speaking country and "interculturality" modules at the Euro Institut in Kehl, as well as, depending on the students' language level, a Franco-German summer school, German lessons taught by native-speaker teachers, two to four semesters at a university in a German-speaking country.

The programme is partly funded by corporate sponsorship. Companies that donate funds become members of the DeutschINSA Club, which offers a range of advantages. By bringing students and companies together, the Club is also, and especially, a way of forging close ties between future engineers and employers.

3rd year INSA Strasbourg students can also transfer to the DeutschINSA course.

170 students

on the DeutschINSA courses

5 companies

Schaeffler France, Clemessy, Gaggenau Industrie, Vinci Énergies, Hager Group

4 partner higher education institutions

in Germany, 3 partnerships already in operation and one in preparation



THREE DEUTSCHINSA COURSES

ADVANCED

Placement in Germany.
Interculturality classes.

> Access possible in Year 3

CONFIRMED

Science classes in German.
Placement in Germany.
Interculturality classes.
Summer school in August before the academic year began.

EXPERT

Preparation of a German bachelor's degree alongside the INSA first cycle.
2 or 4 semesters in Germany during the first 3 years.
Summer school in August before the academic year began.

MASTER'S LEVEL

DUAL FRENCH AND GERMAN ENGINEERING DIPLOMA

At the end of the first three years, students can opt to continue their studies on a dual master's course run with a German or Austrian establishment [in surveying engineering with Karlsruhe Institute of Technology, in civil engineering with Dresden University of Technology, in climate control and energy engineering with the University of Applied Sciences Upper Austria in Wels, in electrical engineering, mechanical engineering and mechatronics with the *Hochschule Karlsruhe*] and in mechanical engineering and mechatronics with the *Hochschule Offenburg*.

Three semesters at a university in Germany.
Placement in a company in Germany.

www.insa-strasbourg.fr > Courses

INNOVATING THROUGH RESEARCH

“A PHD THAT IS PART OF A EUROPEAN PROJECT INVOLVING TEACHING AND RESEARCH ORGANIZATIONS, LOCAL AUTHORITIES AND COMPANIES IN FRANCE, GERMANY AND SWITZERLAND”

With its ability to draw on a wide range of skills, some of them recognised internationally, INSA Strasbourg develops research that aims to provide solutions to major issues in society, in areas such as health, energy and the environment, the efficiency of buildings, the artificial intelligence, inventiveness in organisational and productive systems.

RESEARCH ORGANISED IN MIXED TEAMS

Research is conducted in collaboration with other scientific institutes in Strasbourg*. The areas concerned are related to those covered by the training and aim to give coherence to the activities on the site. Projects are approached from a multi-disciplinary perspective, necessary to the modelling, evaluation and optimisation of complex systems. Doctoral studies are organised in close collaboration with the University of Strasbourg, which awards the PhD.



Nicolas Busser

TECHNOLOGY TRANSFER WITH CONECTUS

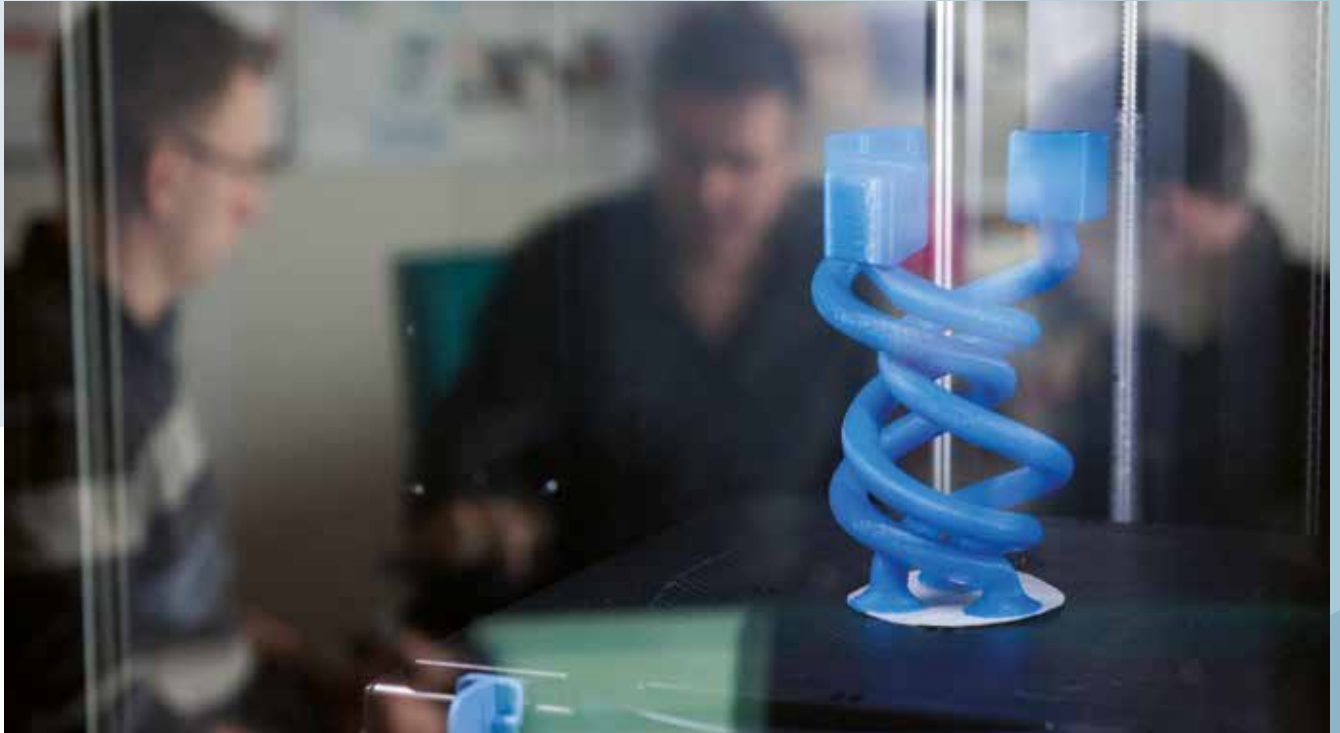
In terms of technology transfer and commercialisation, INSA Strasbourg actively contributes to the activities of the Alsace Biovalley, *Véhicule du Futur* and *Fibres Énergivie* competitiveness clusters. The school is also a founding member of the SATT Conectus Alsace technology transfer company.

* The University of Strasbourg, the CNRS (National Centre for Scientific Research), the ENSAS (Higher National School of Architecture in Strasbourg), the ENGEEES (National School for Water and the Environment in Strasbourg).

LAURA GAILLARD, INSA STRASBOURG CIVIL ENGINEERING GRADUATE, NOW A PHD STUDENT AT THE ICUBE RESEARCH UNIT

Laura is doing her PhD in the civil and energy engineering team at ICube on a subject related to sustainable development: the virtuous recycling of asphalt from our roads to build new ones. As an “apprentice teacher” and researcher – which is how she presents herself to her students – she revels in her dual role.

The material she is studying is the top layer of repaired roads, the asphalt aggregate. The aim is to propose a better way of transforming this material, cold and without a bituminous binder, to build new roads. This would increase the amount of material recycled and reduce the consumption of resources as well as the environmental impacts and costs. This is the ambition of a European Interreg project, Optimal Recycling of Reclaimed Asphalt Pavement, of which her PhD study is one part. The project involves five teaching and research institutions, including INSA Strasbourg, eight local authorities and five companies in France, Germany and Switzerland.



70 teacher-researchers in 3 research units

The AMUP team (with the ENSAS)
ICUBE laboratory (with the University
of Strasbourg, the ENGEES and the CNRS)
The Institut Charles Sadron (CNRS)

3 doctoral schools

to which the research teams are attached:

- Mathematics, information
and engineering sciences
- Humanities and social sciences
- Physics and physical chemistry

12 research themes

Inventive design and production systems
Polymeric materials
Civil engineering
Building energy engineering
Fluid mechanics and hydraulics
Control, vision and robotics
Lasers and photonics
Electrical engineering
Built heritage modeling and the urban environment
Architecture, climate, energy and territories
Knowledge engineering
Educational science

TAILORED SERVICES FOR BUSINESSES

“A CHANCE TO THINK ABOUT YOUR PROFESSIONAL PRACTICES”

PARTNERS FOR BUSINESSES

INSA Entreprises is an INSA Strasbourg service dedicated to developing partnerships with businesses and local authorities, whatever their size or the kind of need. It serves as the point of contact for businesses. **INSA Entreprises listens to what the company is asking for and proposes a mode of cooperation suited to its particular need:** student placement, technological research project, final course project, study, consulting, expert appraisal with the training and research and development platforms. The Oara scheme is an example.

THE DIFFERENT FORMS OF PARTNERSHIP

Specific partnerships, corporate sponsorship, sponsorship of a year group, support for the platforms, apprenticeship tax, research and continuing education are other ways of cooperating with the world of industry.

100 contracts

a year with our training and R&D platforms

27% are signed with SME-SMIs

20% with ETIs
(intermediate-sized enterprises)

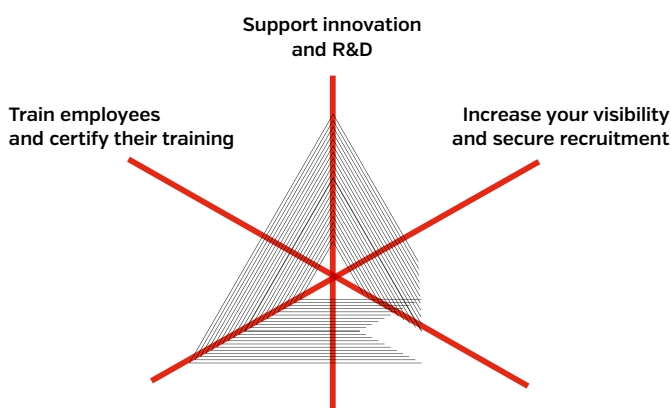
165 major partners

They pay over €3,000 of apprenticeship tax, and are involved in R&D, sponsorship, research, continuing education or engineering sandwich courses

50 specific partnerships
per year

PRISME: INSA STRASBOURG'S PROGRAMME FOR BUSINESS SKILLS

The different modes of cooperation are supported by the training and R&D platforms. INSA Entreprises and the continuing education centre work with companies through the PRISME programme to help them develop skills.



XAVIER BURGUN, TECHNICAL-SALES ENGINEER QUALIFIED THROUGH THE RECOGNITION OF PRIOR LEARNING (RPL) SCHEME

“It’s a personal undertaking. What you have to do is put together a dossier in which you match the skills acquired in your professional experience with the school’s academic standards. The dissertation you have to write consists of justifying the correspondence. In a way, it’s the opposite of the initial training where you learn the theory that you then put into practice in your professional life. In RPL, you have professional practices that you have to link up to the theory. I chose INSA Strasbourg because it’s been a reputable school for a very long time, it’s prestigious. RPL gives you a chance to think about your professional practices. When you’re an engineer, you can’t just repeat ways of doing things, you have to be able to see all the angles of a project and how they articulate. Personally, this experience has given me self-assurance with regard to my customers. I’ve consolidated my knowledge and my skills.”



Visit to a building site, eco-renovation of old buildings course with François Liesmann DPLG [architect with Panoptique]

Glenn Ducouret

LIFELONG LEARNING

The continuing education centre participates in developing employees' skills. It offers courses that lead to diplomas, certificates and qualifications, depending on companies' specific needs.

Continuing education offers those who wish to resume their studies or validate their professional experience the chance to obtain a diploma in engineering, after at least three years of professional experience.

The continuing education centre works with the research units at INSA Strasbourg. For some courses, it works in partnership with other continuing education organisations. As well as the responses provided by the school, businesses that approach INSA can also benefit from its different partner networks.

40 courses leading to qualifications centered on 3 themes:

Management of innovation processes
Management of industrial projects
Supervision of building work

4 courses leading to diplomas and certificates run with partners

Master's in business engineering [with EM Strasbourg]
Technical management of industrial laser applications [with Irepa Laser]
European passive house designer [CEPH with La Maison Passive Service]

Including 1 specialist master's (mastère spécialisé®)

Specialist master's in environmental consultancy [with Éco-conseil]

10 engineers qualified via the continuing education route

via a sandwich course, training leave or RPL

AROUND THE WORLD

INTERNATIONAL MOBILITY, A “VIRTUOUS CIRCLE”

All students on the initial training course spend a period of at least three months abroad as part of their course. **A condition they must meet to obtain their diploma, this international mobility offers students an unforgettable experience, one that enriches them** from the professional, linguistic and personal points of view.

28 DUAL DIPLOMAS

Double degree schemes exist with institutions in Germany, Austria, Canada, Romania, Colombia, China, Morocco, Brazil and the United States. INSA Strasbourg has also set up partnerships to enable students to obtain foreign master's degrees, in particular in Great Britain, Sweden and Switzerland. The school's aim is to be able to offer this possibility in each of the specialties.

GERMANY 2 KM AWAY

Partnerships have been established all over the world, but in Strasbourg, **international starts 2 km away** from the school, which is why INSA Strasbourg cultivates its cross-border relations with its Franco-German course, DeutschINSA. Offering bachelor and master's level courses, it gives equal weight to the cultural dimensions specific to each country, equipping future engineers with the skills to integrate in companies on either side of the Rhine and anywhere in the world - with ease [see page 11].

TRAVEL!

Internships are also an excellent way of acquiring international experience. INSA Strasbourg has a substantial pool of companies around the world that regularly take its students.

IN MOROCCO, EGYPT AND THE UNITED STATES

The Institute is a stakeholder in INSA Euro-Méditerranée, a school created in Morocco in 2015 by the INSA Group and the Euro-Mediterranean University of Fez. A diploma in architecture modeled on the INSA Strasbourg diploma has been launched at the French University in Egypt in Cairo. A partnership with the University of Syracuse in the United States has set up a student exchange programme that involves some 30 American and French students every year.

Countries of origin of students coming to INSA Strasbourg under an international partnership scheme (number of students)

16	●	Marocco
11	●	United States
11	●	Brazil
6	●	Canada
6	●	South Korea
4	●	Mexico
4	●	Germany
3	●	Spain
3	●	Burkina Faso
3	●	Colombia
2	●	Romania
2	●	Slovakia
1	●	Hungary
1	●	China
1	●	Egypt
1	●	Italy
1	●	Luxembourg
1	●	Poland
1	●	Vietnam

Destinations for students' periods abroad (number of students)

57	●	Germany
30	●	Canada
13	●	Argentina
13	●	Switzerland
12	●	Poland
10	●	United States
7	●	Spain
5	●	Austria
5	●	Taiwan
5	●	Hungary
5	●	Romania
4	●	Italy
4	●	Norway
4	●	Estonia
3	●	Mexico
3	●	South Korea
3	●	Iceland
3	●	Vietnam
3	●	Greece
2	●	Sweden
2	●	Netherlands
2	●	Finland
2	●	Bulgaria
2	●	Australia
2	●	Colombia
1	●	Ireland
1	●	Brazil
1	●	Chile



100%

of students go abroad
for at least three months during
their course, for a period of study,
research or an internship

28 double degrees

including 3 dual courses supported
by the Université Franco-Allemande

120 bilateral agreements

12%

of students are from abroad.
Over 42 nationalities are represented

1 Franco-German course

DeutschINSA available as an initial course
and a sandwich course in mechatronics
supported by the Université Franco-Allemande

4 exchange programmes

with Latin America: Brafitec (Brazil),
Arfitec (Argentina), Mexfitec (Mexico)
and Europe with Erasmus+

THIBAUT PRAXMARER, 5TH YEAR MECHATRONICS STUDENT

After three years on the DeutschINSA course, a semester in Syracuse and an internship in South Korea, Thibaut is now studying for a double degree at the Hochschule de Karlsruhe.

All these experiences require a lot of hard work and personal input, but it's also a "virtuous circle": interest stimulates language learning which then encourages students to spend time abroad.

"You shouldn't imagine that the language will be a barrier. Your ear soon gets tuned in to the new sounds, then you mustn't be afraid to take the plunge. Also, you have to work to get what you want and keep an eye open for the partnerships that exist."

LIFE ON CAMPUS

**“DEVELOP OTHER ABILITIES,
SKILLS AND HUMAN VALUES”**

ART, SPORT, COMMUNITY SERVICE...

Getting involved, chilling out, widening your horizons... everyone has their own motivations and particular interests. There are plenty of opportunities to find a balance between studying and other activities: clubs, cultural and sporting activities, there is something for everyone. And if there's an activity that doesn't exist yet, what better opportunity to start the club or association of your dreams? Student life is full of opportunities to commit to something, as every engineer or architect is first and foremost a man or woman with a purpose...

YOU COMPLETE THE LIST!

The Shell Eco-marathon, the French Robotics Cup, the Edhec race, the sailing Tour de France, the 4L Trophy, the sports association, groups and orchestras, a student ball, a freshers' weekend, the annual sports meeting between the five INSAs (High Five or I-5), theatre, photography, graphic novels, the cinema, ... the list goes on. Just some of the activities INSA Strasbourg students take part in.

ACCOMMODATION

The INSA Strasbourg alumni association*, a network of over 12,000 people, offers 450 student rooms in two “Maisons de l'ingénieur et de l'architecte”, near the school.

* The INSA Strasbourg engineers and architects' association
Arts et Industries: www.artsindustries.com



Laura Mathern





1 “bureau des élèves” **(students’ union)**

that organises student life
and manages over twenty clubs

400+ members

of the sports association, which offers
fifteen activities, from climbing to touch rugby

5 associations **18 clubs**

Sport, arts, culture, solidarity, ecology...
Students get involved

events

that punctuate student life: induction, ball,
freshers’ weekend, parties, inter-INSA meetings
and events such as the Hi-five...

1 nurse

on site supporting students all year round.
She is responsible for the prevention
and health policy.

1 library

that provides 19,000 electronic journals
and more than 14,000 publications

JORDAN ABDELKRIM, PRESIDENT OF HIGH FIVE, STUDENT IN MECHANICAL ENGINEERING

“Getting involved in voluntary work has been a real complement to our training. It enables you to develop other abilities, skills and human values. I’ve really learned a lot in terms of management, responsibility, taking the initiative, formalities, managing a team, where listening to people and trusting them are essential. Of course we have management and law classes, but it’s on the job that you really learn.”

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