

#InformationSystems
#DataEngineering
#Vision

ASI

Information Systems
Architectures

 asi.insa-rouen.fr

ENGINEERING
degree



Training in
France

56

students per
school year

Less than

1

month
to find a job

In 3 years, the department of Information Systems Architectures (ASI) trains Computer Science engineers with strong skills in the fields of Information Systems, Data Engineering or Vision oriented Embedded Systems, not forgetting the management of ISO 9001 certified projects.

ADMISSION

Students can apply to INSA after a postgraduate degree or after two years of higher education in sciences.

COURSES

- ✓ Advanced Algorithmic, Object-based Programming, Statistics, Signals and Systems, Web Technologies, Documents and Semantic Web, Man-machine Interaction, Information Theory, Scoring and Recommendation Systems, Image Processing, Real Time Systems...
- ✓ the training relies on theoretical scientific courses (55%), supplemented by projects [20%] and humanities [25%]
- ✓ 1st year on core curriculum and choice of courses within the following fields for 2nd and 3rd years : Information Engineering, Data Engineering or Vision
- ✓ international dimension : a 3 months internship abroad is required, the possibility is offered to register for a joint diploma abroad

PROFESSIONAL OPPORTUNITIES

Fields

Engineering Counseling, Communications and IT, Industries, In-house IT services, IT Engineering Service Firms

Graduates have the opportunity to continue their studies with a PhD.

Engineering functions

Development engineer, Project manager, Consultant, Safety engineer, Data scientist

I choose **ASI SPECIALTY**

On a real campus

This training takes place near the city of Rouen on the campus of INSA Rouen Normandie, easily accessible with public transports. Student residences are available on campus.

An interactive approach

Long term personalized projects enable students to increase their theoretical knowledge, acquire skills and develop their own innovative ideas.

Support for innovation and entrepreneurship

INSA Rouen Normandie is committed to training profiles sensitive to innovation and entrepreneurship. The institute takes part in different promotion programs such as Pépite, which assists young entrepreneurs.

A professional model

Students have several opportunities to discover the professional context: internships, management of ISO 9001 certified projects and the possibility to carry out their final year within the frame of a professional training contract: 2 days in the company and 3 days at INSA Rouen Normandie.

Pedagogical support

This specialty takes advantage of many installations and pedagogical support: humanoid robots, QBO robots, smartphones, motion capture systems, conversational agents, academic material, collection of past exams, projects, chat-rooms, e-learning courses, MOOC.

Professional relationship

ASI specialty enjoys excellent connections with companies: Orange, Thalès, Xerox, Valéo Vision, ERDF, Egis Mobilité, Lab. Tudor, CHU de Rouen, Bibliothèque Centre Pompidou, Dynamease, Ligue BlackBall de Bretagne ...

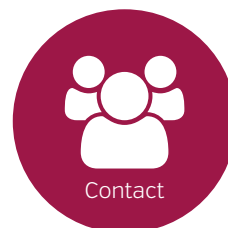
A personalized curriculum

Students have the opportunity to prepare for a research Masters during their 3rd year. They can also do their last year in a similar specialty in another INSA.

Keep in mind

INSA Rouen Normandie is the first public school of engineering in the region. The themes of its 10 engineering programs, 2 Specialized Masters® and 7 Research Masters, are supported by its 8 laboratories. INSA Rouen Normandie is part of the INSA group, comprising 6 national institutes, one international institute, as well as 7 partner schools.

Registration: <http://admission.groupe-insa.fr/>



Spécialité ASI

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