

INTERNATIONAL

AUTOMATION AND COMPUTER ENGINEERING

PROGRAMME

30 ECTS-credits programme in the field of computer science and automated systems at Bachelor's degree level

Location	Polytech Angers - Istia, University of Angers 62, Avenue Notre-Dame du Lac, 49000 Angers, France
Dates	Fall semester: September - January Spring semester: January - June
Prerequisites	At least 120 ECTS (2 academic years) in any electrical or computer engineering field
Tuition and administration fees	<ul style="list-style-type: none"> No fees for exchange students from partner universities Approx. 600 euros for other students
Language	English
Application deadlines	Fall semester: 1 st June Spring semester: 1 st October of previous year

The international programme at Polytech Angers - Istia, graduate school of engineering at the University of Angers, is a one-term curriculum, starting each semester and bringing international and French students together. The programme combines theoretical and applied courses in the field of automation and computer engineering. Cross-disciplinary skills in human relations and project management are also developed. It does not require any thorough French knowledge.

The programme includes 30 ECTS credits. Students get a transcript of records listing all modules they have taken.

PROGRAM CONTENT

Fall semester			
Unit	ECTS	Hours	Description
Automation	9	112	Industrial automation, Mechanical engineering, Mechatronics.
Computer Engineering	10	128	C language, DBMS/SQL, Unix/Python, Modelling and simulation.
Project	2	32	This project gives the student the opportunity to competently formulate, analyze, and process issues within a subject related to the programme. May be prepared either individually or as a group project.
General courses	3	42	Electives for an amount of 3 ECTS among: Sport (1 ECTS), Integration challenge (1 ECTS), English (3 ECTS), German or Spanish (2 ECTS).
French	6	30	Course offering the opportunity to meet international students from other faculties and to improve your French language skills.

Spring semester			
Unit	ECTS	Hours	Description
Automation	7	92	Automatic control, Microcontroller, Robotics
Computer Engineering	6	124	C# programming, Virtual reality, Computer networks.
Project	10		Join an Istia project team during two months. Subject can be defined according to the field of interest.
General courses	1	66	One elective among: Sport, English, German or Spanish.
French	6	30	Course offering the opportunity to meet international students from other faculties and to improve your French language skills.

HOW TO APPLY

Before you submit your online application, we expect your nomination from your home university by e-mail at international.polytech@univ-angers.fr. You will then receive a link to the online application form. The online application system will guide you automatically. You will receive a decision regarding your application no later than three weeks after the deadline.

WHY ANGERS?

Angers, the number 1 French city for quality of life!

Located in the heart of the Loire Valley, Angers is a classic French city, with just the right amount of culture, good food and international vibes. Tomorrow's European green capital, Angers gives you the lifelong skills to guide you to future success.

For more information, visit: www.angersloiretourisme.com

