The “Research apprenticeship exchange program” is a course unit dedicated to international exchange students coming to Tours to study engineering sciences.

This individualized program enables students to carry out projects within a research laboratory of the Graduate School of Engineering ‘Polytech Tours’.

It consists of a project performed in a laboratory under the supervision of a lecturer, assistant professor or professor. The students will be evaluated by means of an oral presentation, and a written report.

The students can complete their study program with French courses for foreign students and with field courses taught in French or English.

**Language Level**
- French: from B2 language level, i.e. “Upper intermediate French”
- English: from B2 language level, i.e. “Upper intermediate English”

**Academic Level**
- > 1st/2nd year Master’s
- > Students’ academic background should be relevant to the scientific field

**Duration**
- 1 semester: Fall or Spring

**Assessment**
- Up to 30 ECTS depending on the project

**Application**
- > Fall semester: before July 1st
- > Spring semester: before December 1st
Select a Research project in the field of Engineering (from 20 to 30 ECTS)

Electronics & Energy Systems:
Electronic circuits, Digital communications systems, Power electronics

Mechanics & System design:
Simulation & experiments in solid or fluid mechanics, Polymer Mechanics, Machining & additive manufacturing, Control & robotics

Spatial Planning & Environmental Engineering:
Urban & regional development strategies, Hydrology & hydraulics, Terrestrial & aquatic ecology, Ecology development models

Computer Science:
Operations Research, Scheduling & Transportation, Pattern Recognition, Artificial Intelligence (AI)

Contact: international.polytech@univ-tours.fr

Take part in the Service Learning course / Intercultural exchange with French students (3 ECTS)

20 hours of conversation throughout the semester. Open to English & Spanish speaking students.