

GRADUATE SCHOOL OF ENGINEERING

UNIVERSITY OF TOURS

Supervised projects for incoming students

Fields : Computer Sciences, Electronics and Energy Systems, Mechanics and System design, Urban and Territorial Planning and Environment

General presentation:

The project will be of interest for foreign students who want to improve their skills in a specific field of engineering. Fields are detailed at: <https://polytech.univ-tours.fr/english-version-/graduate-school-of-engineering-university-of-tours-france-468583.kjsp>

The project will be performed in a laboratory associated with the Graduate School of Engineering Polytech Tours under the supervision of a lecturer, assistant professor or professor of Polytech Tours. The language will be English or French. It is recommended that students interested attest a B2 level in English or in French (in some cases and exceptionally the A2 level can be OK).

Students can directly contact Professors of Polytech Tours or be recommended by a foreign colleague. They can choose a project proposed by a lecturer, assistant professor or professor of Polytech Tours or propose a topic to the professors of Polytech Tours (in co-supervision with a foreign colleague for instance). The students will be examined by a written report and an oral presentation (in english or in french). Because this course unit will be carried out within a laboratory, there will be less pressure regarding the students' level of French.

Two types of supervised projects are proposed:

- **Supervised project 1.** 30 ECTS on a single project (supervised at least by a professor of Polytech Tours, possibly in collaboration with a colleague from the home university of the student) that validates theoretical and/or technical skills in the field of engineering;
- **Supervised project 2.** 20 ECTS (project) completed by 10 ECTS (disciplinary courses taught within Polytech Tours or French courses for foreign students).



Supervised project 1:

Credits: 30 ECTS (i.e. 600 hours of work)

Duration: one semester (autumn [from September to the end of January] or spring [from the end of January to the end of June] semester)

Application deadline: before July, the 1st, for students coming for the autumn semester; before December the 1st, for students coming for the spring semester

Content: The project will be focused on one of the following fields: Computer Sciences, Electronics and Energy Systems, Mechanics and System design, Urban and Territorial Planning and Environment (aquatic and/or terrestrial). It must be carried out individually in a laboratory, under the supervision of a lecturer, assistant professor or professor of Polytech Tours (possibly in collaboration with another colleague). At the beginning of the project a work plan will be submitted by the student with the guidance of his/her supervisor at Polytech Tours.

Caution: Before applying for this course all students must obtain the approval of their future supervisor. Students can also directly contact international.polytech@univ-tours.fr.

Level:

First or Second year of Master.

Prerequisite:

For First year of Master students: 110 ECTS already validated in the specific scientific/ engineering field.

For Second year of Master students: 145 ECTS already validated in the specific scientific/ engineering field.

Assessment method:

- The project is examined by a written report (in English or French) completed by an oral presentation for 30 ECTS.

Supervised project 2:

Credits: 20 ECTS (i.e. 400 hours of work) + 10 ECTS (disciplinary courses taught within Polytech Tours or French courses for foreign students)

Duration: one semester (autumn [from September to the end of January] or spring [from the end of January to the end of June] semester)

Application deadline: before July, the 1st, for students coming for the autumn semester; before December the 1st, for students coming for the spring semester

Content: The project will be focused on one of the following fields: Computer Sciences, Electronics and Energy Systems, Mechanics and System design, Urban and Territorial Planning and Environment (aquatic and/or terrestrial). It must be carried out individually in a laboratory, under the supervision of a lecturer, assistant professor or professor of Polytech Tours (possibly in collaboration with another colleague). At the beginning of the project a work plan will be submitted by the student with the guidance of his/her supervisor at Polytech Tours.

Caution: Before applying for this course, all students must obtain the approval of their future supervisor. Students can also directly contact international.polytech@univ-tours.fr.

Level: First or Second year of Master.

Prerequisite:

For First year of Master students: 110 ECTS already validated in the specific scientific/engineering field.

For Second year of Master students: 145 ECTS already validated in the specific scientific/engineering field.

Assessment method:

- The project is examined by a written report (in English or French) and an oral presentation for 20 ECTS;

- disciplinary courses taught within Polytech Tours and/ or French courses for foreign students (10 ECTS).