

Supervised student projects in the field of Sciences and Technologies

for international exchange students

(Biology, Chemistry, Geosciences, Computer Sciences, Mathematics and Physics)

We have observed that it is quite difficult to attract international exchange students in an environment that provides courses essentially taught in French, we have therefore established a course unit dedicated to international exchange students coming to Tours to study sciences. This will allow them to carry out projects within a laboratory of the department of Sciences and Technologies, for 15 ECTS (last year of Bachelor) or 20 ECTS (Master Students only) at the University François-Rabelais of Tours. The project is performed in a laboratory under the supervision of a lecturer, assistant professor or professor. The students will be examined by an oral presentation, a written report and a theory test. Because this course unit will be carried out within a laboratory, there will be less pressure regarding the students' level of French. The students can complete their study programme with CUEFEE's French courses for foreign students (up to 8 ECTS) and with disciplinary courses. We hope students from your university will be attracted by this opportunity.

Description – proposal 1:

Credits: 15 ECTS (i.e. 300 hours of work)

Content: the project must be carried out individually in a laboratory, under the supervision of a lecturer, assistant professor or professor. At the beginning of the project a work plan will be submitted by the student with the guidance of his/her supervisor.

Caution: Before applying for this course all students must obtain the approval of their future supervisor, a list of possible subjects is established each year by the labs of the Faculty of Sciences and Technologies (through the platform: cces.univ-tours.fr). Students can also directly contact the Erasmus coordinator of their discipline.

Level:

Third year of Bachelor, First or Second year of Master

Prerequisite:

For Third year of Bachelor students: 75 ECTS already validated in the specific scientific field.

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

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

Assessment method:

- The project is examined by an oral presentation and a written report (in English or French) for 10 ECTS.
- A theory test on the scientific notions related to the project that has been carried out. This can be done orally or in written form and counts for 5 ECTS.

Remark: In the case of a one semester mobility, this course unit can be completed with 15 ECTS obtained with CUEFEE courses (up to 8 ECTS) and/or courses in the scientific field.

Example of a study programme:

- Supervised project (15 ECTS)
- 2 Disciplinary courses (5 to 6 ECTS each)
- CUEFEE courses - University Centre of French as a Foreign Language (4 ECTS)

Description Proposal 2

Credits: 20 ECTS (i.e. 400 hours of work)

Content: the project must be carried out individually in a lab and under the supervision of a lecturer, assistant professor or professor. At the beginning of the project a work plan will be submitted by the student with the guidance of his/her supervisor.

Caution: Before applying for this course, all students must obtain the approval of their future supervisor, a list of possible subjects is established each year by the labs of the Faculty of Sciences and Technologies (through the platform: cces.univ-tours.fr). Students can also directly contact the Erasmus coordinator of their discipline.

Level: First and Second year of Master

Prerequisite:

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

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

Assessment method:

- The project is examined by an oral presentation and a written report (in English or French) for 15 ECTS.
- A theory test on the scientific notions related to the project that has been carried out. This can be done orally or in written form and counts for 5 ECTS.

Remark: In the case of a one semester mobility, this course unit can be completed with 10 ECTS obtained with CUEFEE courses (up to 8 ECTS) and/or courses in the scientific field.

Example of a study programme:

- Supervised project (20 ECTS)
- 1 Disciplinary course (6 ECTS)
- CUEFEE courses - University Centre of French as a Foreign Language (4 ECTS)