



Double Degree Exchange Program 1A-2A at Ecole centrale de Lyon

as part of a university partnership

2017-2018/2018-2019

International Relations Office

2017/01/25



Double Degree Exchange Program 1A-2A at ECL

- **Prerequisites to take part of it**
 - **Being selected** by the home university and ECL
 - **Getting at least 120 ECTS credits or the equivalent** in the home university at the beginning of the exchange program at Ecole Centrale de Lyon
 - **Getting a minimum level in French** from the start of the school year at ECL in order to be able to follow the lessons
 - **Getting a minimum level in English**. No beginner classes. In order to get the Diplôme d'Ingénieur of ECL, a minimum score in both languages – French and English - will be required during the university period: **B2 Delf score in French – 570 Toefl score in English**

Double Degree Exchange Program 1A-2A at ECL

- **The whole Double Degree course is composed of :**
 - At least 4 semesters in the home university
 - 4 semesters at ECL
 - 3 semesters of **Common-core** (*S5, S6 et S7 from the end of August 2016 to February 2018*)
 - 12 scientific teaching units
 - 1 compulsory Foreign language
 - Projects, Conferences, Sports
 - Blue-collar worker internship (*1 month - Summer 2018*)
 - 1 semester of courses selected from a proposed list & internship
 - 5 optional courses selected out of a list of 50
 - 1 compulsory Foreign language
 - Projects, Conferences, Sports
 - Work internship (*3 months - May to July 2018, depending on the agreement*)
 - At least 3 semesters in the home university

When you succeed you are awarded 2 diplomas : the diplôme d'Ingénieur of ECL & the diploma of your University

The Common-core

3 compulsory academic semesters

- **Semester S5**

- ECS – Electrical Energy & Systems Control – 6 ECTS credits
- FLE – Fluids & Energy – 6 ECTS credits
- MTH - Mathematics – 6 ECTS credits
- SEM – Economics & Business Administration – 5 ECTS credits
- PRO S5 – The Engineering Profession (Projects, Conferences, Sports) – 5 ECTS credits
- Foreign Language – 2 ECTS credits

- **Semester S6**

- GM – Mechanical Engineering– 6 ECTS credits
- MSS – Mechanics of Solids & Structures 6 ECTS credits
- INF – Computer Science – 6 ECTS credits
- STI – Information Science & Techniques – 6 ECTS credits
- PRO S6 – The Engineering Profession (Projects, Conferences, Sports & 1 month of Blue-Collar worker Internship) – 6 ECTS credits
- Foreign Language – 2 ECTS credits

- **Semester S7**

- IDM– Materials Engineering 6 ECTS credits
- PCM – Physics & Chemistry of Material 6 ECTS credits
- SHS – Human & Social Sciences 5 ECTS credits
- PRO S7 – The Engineering Profession (Projects, Conferences, Sports) 6 ECTS credits
- Foreign Language 2 ECTS credits
- In-depth courses S7 – 2 courses selected out of a list in the field of INF, MTH, STI; ECS , FLE, GM, MSS, PCM et IDM total 6 ECTS credits

Last semester (S8) at ECL

is composed of elective courses and of an internship

- Elective courses

- 5 courses chosen out of a list of 50 possibilities
 - 3 ECTS credits (32 hours each)
- PRO S8 – Engineering Profession (Projects, Conferences, Sports)
 - 5 ECTS credits
- Foreign Language
 - 1 ECTS credits

- Internship

- Work internship between 3 and 4 months
- The position practiced and the work performed correspond to the assignments of an engineer at the beginning of the career
- Benefits: Acquisition of work experience, discovery of a corporate culture, improvement of teamwork,...
- An internship in one of the 6 research laboratories of ECL is possible.
 - 10 ECTS credits

Double Degree program S5 to S8 Schedule

