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
• **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:
  
  o At least 4 semesters in the home university
  o 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)
  
  o 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
  o ECS – Electrical Energy & Systems Control – 6 ECTS credits
  o FLE – Fluids & Energy – 6 ECTS credits
  o MTH – Mathematics – 6 ECTS credits
  o SEM – Economics & Business Administration – 5 ECTS credits
  o PRO S5 – The Engineering Profession (Projects, Conferences, Sports) – 5 ECTS credits
  o Foreign Language – 2 ECTS credits

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

• Semester S7
  o IDM – Materials Engineering – 6 ECTS credits
  o PCM – Physics & Chemistry of Material – 6 ECTS credits
  o SHS – Human & Social Sciences – 5 ECTS credits
  o PRO S7 – The Engineering Profession (Projects, Conferences, Sports) – 6 ECTS credits
  o Foreign Language – 2 ECTS credits
  o 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
is composed of elective courses and of an internship

• Elective courses
  o 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
  o Foreign Language
    • 1 ECTS credits

• Internship
  o Work internship between 3 and 4 months
  o The position practiced and the work performed correspond to the assignments of an engineer at the beginning of the career
  o Benefits: Acquisition of work experience, discovery of a corporate culture, improvement of teamwork,…
  o An internship in one of the 6 research laboratories of ECL is possible.
    • 10 ECTS credits
Double Degree program
S5 to S8 Schedule

**Semester S5**
- Early September to January
- 4 Scientific Teaching Units
- Foreign language
- Projects, Conferences, Sports
- Examination

**Semester S6**
- Early February to June
- 4 Scientific Teaching Units
- Foreign language
- Projects, Conferences, Sports
- Examination
- July To August
- Blue-collar worker internship
  At least 4 weeks

**Semester S7**
- Early September to January
- 4 Scientific Teaching Units
- Foreign language
- Projects, Conferences, Sports
- Examination

**Semester S8**
- Early February to April
- 5 optional courses
- Foreign language
- Projects, Sports
- Examination
- May to August
- Work internship
  At least 12 weeks