

# Projet coopération au développement

**Lecturer**

Antoine NONCLERCQ (Coordinator)

**Course mnemonic**

PROJ-H417

**ECTS credits**

5 credits

**Language(s) of instruction**

French

**Course period**

First and second terms

Skills: disciplinary skills in different fields, design methodology and test, project management and planning, group work, writing a technical report, presentation.

## Evaluation method(s)

Other

### Evaluation method(s) (additional information)

Written report + oral presentation.

## Programmes

### Programmes proposing this course at the Brussels School of Engineering

MA-IRBE | **Master in Environmental Bioengineering** | finalité Professional/unit 2, MA-IRCB | **Master of science in Biomedical Engineering** | finalité Professional/unit 1, MA-IRCN | **Master of science in Civil Engineering** | finalité Professional/unit 1, MA-IREM | **Master of science in Electromechanical Engineering** | finalité Professional/unit 1 and finalité Operations engineering and management/unit 1, MA-IRIF | **Master of science in Computer Science and Engineering** | finalité Professional/unit 1, MA-IRMA | **Master of Science in Chemical and Materials Engineering** | finalité Professional/unit 1 and MA-IRPH | **Master of science in Physical Engineering** | finalité Professional/unit 1

### Programmes proposing this course at the faculty of Sciences

MA-IRBE | **Master in Environmental Bioengineering** | finalité Professional/unit 2

## Course content

In general, each project includes two phases. The first is to study the problem, at the university, based on the demand expressed by our partners in southern countries, in consultation with them. This phase ends with the production of a prototype, tested at the ULB. Students are coached by a technician, a mentor and a resource person. To best take in account the reality of the southern countries, the prototype must be robust, relatively simple in its operation and easily repairable. Then, the second phase consists in replicating the prototype in the field with our partners, using local materials and resources. The student group is involved in this achievement. The prototype is reproduced there, rather than transported, so that local partners can take part in its implementation, and can, thereafter, repair and reproduce independently. The working language of the student project is chosen in accordance to the language of our partners (either English or French). This language will be communicated to the students in the project description early in the academic year.

## Objectives (and/or specific learning outcomes)

Objective: to practice the concepts acquired previous years in a single project that is applied to development cooperation.