# Internship (3 months)

**Lecturer**
Frédéric ROBERT (Coordinator)

**Course mnemonic**
STAG-H500

**ECTS credits**
10 credits

**Language(s) of instruction**
French

**Course period**
First term

## Course content

Internship in real professional context.

## Objectives (and/or specific learning outcomes)

The student:
- has understood the expectations and has released the expected deliverables (device, software, analysis, measurement, report, etc) from the company's point of view,
- has demonstrated sufficient technical and scientific expertise, as required by the task(s),
- has offered elementary professional competences: reliability, autonomy, initiative,etc.,
- has proven succesfull integration in a workteam and with the professional culture of the company,
- has efficiently used the suited project management and organization tools
- has analyzed his own learning experience (on technical as well as on soft skills) and demonstrated sufficient criticism about his own internship stay,
- so that he is able to transfer what he has learned to new situations.

## Teaching method and learning activities

Internship

### Contribution to the teaching profile

This teaching unit contributes to the following competences:
- In-depth knowledge and understanding of exact sciences with the specificity of their application to engineering
- Reformulate complex engineering problems in order to solve them (simplifying assumptions, reducing complexity)
- Conceive, plan and execute a research project, based on an analysis of its objectives, existing knowledge and the relevant literature, with attention to innovation and valorization in industry and society
- Correctly report on research or design results in the form of a technical report or in the form of a scientific paper
- Present and defend results in a scientifically sound way, using contemporary communication tools, for a national as well as for an international professional or lay audience
- Collaborate in a (multidisciplinary) team
- Work in an industrial environment with attention to safety, quality assurance, communication and reporting
- Develop, plan, execute and manage engineering projects at the level of a starting professional
- A critical attitude towards one's own results and those of others
- Consciousness of the ethical, social, environmental and economic context of his/her work and strives for sustainable solutions to engineering problems including safety and quality assurance aspects

## Other information

### Contact(s)

Cédric BOEY - T: 02 650 31 20 - Cedric.Boey(at)ulb.ac.be

## Evaluation method(s)

Other

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

See the internship page on the BAPP website [https://polytech.ulb.be/en/school/bapp/internships]

### Determination of the mark (including the weighting of partial marks)

See the internship page on the BAPP website [https://polytech.ulb.be/en/school/bapp/internships]

### Main language(s) of evaluation

French

## Programmes

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

MA-IRCB | Master of science in Biomedical Engineering | finalité Professional/unit 2, MA-IRIF | Master of science in Computer Science and Engineering | finalité Professional/unit 2 and MA-IRMA | Master of Science in Chemical and Materials Engineering | finalité Professional/unit 2