

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 successful 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

