

Hands-on learning: project manager (chef de projet)

Lecturer

Peter BERKE (Coordinator)

Course mnemonic

PROJ-H418

ECTS credits

5 credits

Language(s) of instruction

French

Course period

First and second terms

Campus

Solbosch

ensuring the consistency and quality of the approach and deliverables,

- work effectively with other professionals (in teams, in partnership or in competition), make decisions and develop leadership, in a variety of professional, disciplinary and cultural contexts,
- communicate and exchange information in a structured manner – orally, graphically and in writing, in French and in one or more other languages – on scientific, technical and cultural levels, adapting to the aim pursued and the interlocutor or audiences concerned,
- act as a reflective and autonomous professional, part of a continuous professional development process,
- develop an ethical and responsible professional practice, taking into account societal issues (ethical, social, environmental and economic aspects).

Course content

Project and group management.

Note that this teaching unit is given exclusively in French.

References, bibliography and recommended reading

See the project guide available in the beginning of the academic year.

Objectives (and/or specific learning outcomes)

Two main objectives are aimed at with this project:

- develop a sound approach allowing for a reliable managing of the BA1 student group all along the project and to lead the group the further possible in their project,
- develop a critical mind on the project manager's attitude in the management of a group and a project.

Other information

Place(s) of teaching

Solbosch

Contact(s)

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Teaching method and learning activities

Project.

Contribution to the teaching profile

This teaching unit primarily contributes to the development of the following skills:

- master and mobilize a structured body of knowledge, both transversal and specialized, and be able to develop it with autonomy and critical thinking,
- innovate by combining rigor and creativity in a critical and demanding scientific approach (including state of the art, problem statement, making assumptions, modeling, validation, argumentation and confrontation with peers),
- define, plan, manage and carry out large-scale projects taking into account their objectives, resources and constraints and

Programmes

Programmes proposing this course at the Brussels School of Engineering

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 and MA-IRMA | Master of Science in Chemical and Materials Engineering | finalité Professional/unit 1

