Recherche opérationnelle

Lecturer
Yves DE SMET (Coordinator)

Course mnemonic
INFO-H3000

ECTS credits
5 credits

Language(s) of instruction
French

Course period
Second term

Campus
Solbosch

Course content

Introduction to mathematical modelling (linear programs). Algorithmic problems in graph theory.

Objectives (and/or specific learning outcomes)

After completing this teaching unit the student will be capable to conceptualize algorithmic methods and structures. He will manage the bacic concepts of mathematical modeling and solving optimisation problems (linear programming).

Teaching method and learning activities

Lectures and exercise sessions.

References, bibliography and recommended reading

Cormen, Leiserson, Rivest, and Stein, "Introduction to Algorithms", MIT Press.

Course notes

Université virtuelle, Podcast and Syllabus

Other information

Place(s) of teaching

Solbosch

Contact(s)

Prof. Yves De Smet
yves.de.smet@ulb.ac.be
02/650.59.57

Evaluation method(s)

written examination

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

40% theory + 40% exercices + 20% project

Main language(s) of evaluation

French

Programmes

Programmes proposing this course at the Brussels School of Engineering

BA-IRCI | Bachelor in Engineering Sciences | option Bruxelles/unit 3