

Faculty of Economic, Social and Political Sciences



QANT2202 Quantitative project

[65h] 10 credits

Teacher(s): Bernard Fortz, Yves Pochet
Language: French
Level: Second cycle

Aims

At the end of the class, students should be able to tackle a quantitative management problem, to model it and to use the adequate operations research tools to propose a solution.

Main themes

The objective of the course is to integrate knowledge accumulated during

- method courses of the bachelor's degree;
- functional courses (marketing, finance,...) of the third year of the bachelor's degree;
- the "project management" course

by the realization of a project.

Content and teaching methods

This module is articulated around a project that the students must realize. Students have to develop a quantitative model for decision aid on a real case or close to real (depending on collaborations we might find with companies). This module is part of an integration plan, in the sense that the volume of available time allows the students to treat a case that deals with several dimensions of management.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisite : linear programming, modeling
 Evaluation : project reports and group presentation + individual exam
 Support : notes distributed at the beginning of the quarter
 References : -
 Pedagogic team: teachers + 1 teaching assistant
 Other :

Other credits in programs

IAG22M	Deuxième année de maîtrise en sciences de gestion (orientation (10 credits) "méthodes quantitatives de gestion")	Mandatory
IAG22M/PM	Deuxième année de maîtrise en sciences de gestion (Création (10 credits) d'entreprise)	Mandatory