UCL Faculté des sciences économiques, sociales et politiques

ESPO

QANT2100	Elements of operational research

[45h+15h exercises] 6 credits

Teacher(s):   Michel Herman
Language: french
Level: 2nd cycle course

Main themes

This course will provide basic training in formulating and using mathematical models in management situations, and will cover a range of models of different kinds (e.g. determinist and random), leading on to varied and applicable solution techniques in several fields.

Content and teaching methods

The main issues to be covered will be:
- modelling;
- linear programmes and extensions;
- integer programmes;
- queues;
- hardware management
- dynamic programmes;
- testing models;
- putting solutions into practice.

Other credits in programs

ECAP21	Première licence en sciences de gestion	(5.5 credits)	Mandatory
LINF21/GN	Première licence en informatique (informatique générale)	(5.5 credits)	Mandatory
LINF21/GS	Première licence en informatique (informatique de gestion)	(5.5 credits)	Mandatory