

Code	IE542
Name	Decision Analysis
Hour per week	3 (3+0)
Credit	3
ECTS	10
Level/Year	Graduate
Semester	Fall or Spring
Type	Elective
Prerequisites	
Content	This course presents decision theory, risk and uncertainty, value of information, preference measurements, prioritization of alternatives, multiple objectives and hierarchical decisions, multi-criteria decision making, utility theory, analytic hierarchy process (AHP) and analytic network process (ANP) methodologies, and various case studies.