UCLouvain

lbire2205a

2026

Decision tools and project management - Decision tools

3.00 credits	22.5 h + 7.5 h	Q1

Language :	English > French-friendly
Place of the course	Louvain-la-Neuve
Prerequisites	Knowledge and know-how in basic courses of the bio-enginering programme.
Learning outcomes	
Evaluation methods	written exam by email, made of exercises
Teaching methods	lectures and homeworks
Content	1. Element of game theory in tree forms 2. Non-cooperative bargaining 3. Agency : moral hazard and the boiling-in-oil contract 4. Environmental valuation methods : hedonic pricing, "transport cost" method, stated preferences (e.g. contingent valuation)
Inline resources	Part 1 : Teams Part 2 : Moodle
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Forests and Natural Areas Engineering	BIRF2M	3		
Master [120] in Environmental Bioengineering	BIRE2M	3		
Master [120] in Agriculture and Bio-industries	SAIV2M	4		
Master [120] in Agricultural Bioengineering	BIRA2M	3		
Master [120] in Urban Planning and Territorial Development	URBA2M	3		