

Course Descriptions Master 2022-2023

Course Title	Collective Decision Making							
Course Code	EBC4005							
ECTS Credits	6,5							
Assessment	Whole/Half Grades							
Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
	2	31-10-2022	16-12-2022	X		X		
Level	Intermediate							
Coordinator	Bas Dietzenbacher For more information:b.dietzenbacher@maastrichtuniversity.nl							
Language of instruction	English							
Goals	Students learn to formally analyze collective decision rules on the basis of normative properties arising from fairness and robustness considerations.							
Description	<p>PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. A RE-EMERGENCE OF THE CORONAVIRUS AND NEW COUNTERMEASURES BY THE DUTCH GOVERNMENT MIGHT FORCE COORDINATORS TO CHANGE THE TEACHING AND ASSESSMENT METHODS USED. THE MOST UP-TO-DATE INFORMATION ABOUT THE TEACHING/ASSESSMENT METHOD(S) WILL BE AVAILABLE IN THE COURSE SYLLABUS.</p> <p>In this theoretical course, we analyze different models for collective decision problems following the axiomatic approach. This means that we define collective decision rules (voting rules, scoring rules, allocation rules), formulate some appropriate properties for these rules, and study their implications. These properties reflect desirable fairness or robustness principles, such as anonymity, efficiency, neutrality, stability, monotonicity, consistency, and manipulability.</p> <p>Topics that we cover include:</p> <ul style="list-style-type: none"> * elections * location problems * bankruptcy problems * bargaining problems * cooperative games 							
Literature	Lecture slides							
Prerequisites	A mathematic level comparable to a BSc Econometrics & Operations Research meets the prerequisites. Exchange students need to have obtained a Bachelor degree and an advanced level in mathematics. An advanced level of English.							
Teaching methods	PBL / Lecture							
Assessment methods	Written Exam							
Evaluation in previous academic year	For the complete evaluation of this course please click http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM							
This course belongs to the following programme / specialisation	Master Econometrics and Operations Research		Elective Course(s)					
	Master Economic and Financial Research - Econometrics		Year 1 Core Course(s)					
	Master Economic and Financial Research - Econometrics		Year 1 Elective Course(s)					
	Master Economic and Financial Research - No specialisation		Year 1 Elective Course(s)					
	SBE Exchange Master		Master Exchange Courses					
	SBE Non Degree Courses		Master Courses					