

Course Title	Social Choice Theory							
Course Code	EBC4005							
ECTS Credits	6,5							
Assessment	None							
Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
	2	29-10-2018	21-12-2018	X		X		
Level	Intermediate							
Coordinator	Ton Storcken For more information:t.storcken@maastrichtuniversity.nl							
Language of instruction	English							
Goals	In this course the student will learn to formally analyse collective decision rules w.r.t. various aspects such as anonymity, Pareto-optimality, neutrality, and strategy-proofness.							
Description	<p>In collective decision-making (e.g., elections) the rules and procedures used to arrive at a decision may have a considerable impact on the final result. Different rules may lead to different decisions. In this course such rules are studied. In particular, desirable properties like Pareto-optimality and non-manipulability are investigated.</p> <p>Some topics are:</p> <ul style="list-style-type: none"> - voting schemes for two alternatives, theorem of May; - voting schemes for more than two alternatives, score rules, veto rules; - Condorcet winners, dictatorial rules, anonymity, neutrality, positive association, impossibility theorems of Arrow, Gibbard and Satterthwaite; - location problems; - strategy-proof division; - implementation. 							
Literature	Lecture notes.							
Prerequisites	<p>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.</p>							
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				Econometrics & OR Electives			
	Master Econometrics and Operations Research				Mathematical Economics			
	Master Economic and Financial Research - Econometrics				Electives			
	Master Economic and Financial Research - Econometrics				Track Econometrics Core Courses			
	Master Economic and Financial Research				Electives			
	SBE Exchange Master				Master Exchange Courses			
	SBE Non Degree Courses				Master Courses			