Course Descriptions None 2014-2015

Course Title	Social Choice Theory
Course Code	EBC4005
ECTS Credits	6,5
Assessment	None

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
2	27-10-2014	19-12-2014	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	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. Some topics are: - 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; - stategy-proof division.
Literature	Lecture notes.
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 OR	Econometrics & OR Electives
Master Econometrics and OR	Mathematical Economics
Master Economic and Financial Research Track Econometrics	Electives
Master Economic and Financial Research Track Econometrics	Track Econometrics Core Courses
Master Economic and Financial Research	Electives
SBE Exchange Master	Master Exchange Courses
SBE Non Degree Courses	Master Courses