

Course Descriptions None 2014-2015

Course Title	Social Choice Theory																
Course Code	EBC4005																
ECTS Credits	6,5																
Assessment	None																
Period	<table border="1"> <thead> <tr> <th>Period</th> <th>Start</th> <th>End</th> <th>Mon</th> <th>Tue</th> <th>Wed</th> <th>Thu</th> <th>Fri</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>27-10-2014</td> <td>19-12-2014</td> <td>X</td> <td></td> <td>X</td> <td></td> <td></td> </tr> </tbody> </table>	Period	Start	End	Mon	Tue	Wed	Thu	Fri	2	27-10-2014	19-12-2014	X		X		
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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	<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. 																
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	<table border="0"> <tr> <td>Master Econometrics and OR</td> <td>Econometrics & OR Electives</td> </tr> <tr> <td>Master Econometrics and OR</td> <td>Mathematical Economics</td> </tr> <tr> <td>Master Economic and Financial Research Track Econometrics</td> <td>Electives</td> </tr> <tr> <td>Master Economic and Financial Research Track Econometrics</td> <td>Track Econometrics Core Courses</td> </tr> <tr> <td>Master Economic and Financial Research</td> <td>Electives</td> </tr> <tr> <td>SBE Exchange Master</td> <td>Master Exchange Courses</td> </tr> <tr> <td>SBE Non Degree Courses</td> <td>Master Courses</td> </tr> </table>	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		
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