

Course Descriptions Master 2024-2025 DRAFT

Course Title	Market Design																
Course Code	EBC4242																
ECTS Credits	5,0																
Assessment	Whole/Half Grades																
Period	<table><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>5</td><td>14-4-2025</td><td>8-6-2025</td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>	Period	Start	End	Mon	Tue	Wed	Thu	Fri	5	14-4-2025	8-6-2025					
Period	Start	End	Mon	Tue	Wed	Thu	Fri										
5	14-4-2025	8-6-2025															
Level	Advanced																
Coordinator	Christian Seel For more information:c.seel@maastrichtuniversity.nl																
Language of instruction	English																
Goals	The first goal is to become familiar with key theories of market design, including aspects of matching theory, implementation theory, auctions, and mechanism design. The second goal to study prominent real life examples of market design.																
Description	Many markets have evolved spontaneously, shaped by various economic forces. This course is devoted to markets that have instead been created, engineered, or designed. Online auctions such as eBay is one example of such markets. Another group of examples are the mechanisms designed to allocate students to universities or children to schools. Such markets and mechanisms have been designed to serve a specific goal. Thus online auctions usually serve the purpose of revenue maximization. University admission mechanisms strive to attain a stable and fair matching of students to universities. The course covers aspects of matching theory, implementation theory, auctions, and mechanism design. These ideas are illustrated by prominent examples of market design such as the Boston mechanism of school choice and spectrum auctions.																
Literature																	
Prerequisites	<p>This course is in transition. See the Master Education and Examination Regulations for more information.</p> <p>The following rule applies to master Economics students who started the programme prior to academic year 2023-2024. Specifically, those with one of the following specialisations/majors: * Market Regulation and Design * No specialisation TRANSITIONAL REGULATION (EBC4242): In 2024-2025 students are allowed to repeat the examination and resit.</p> <p>PREREQUISITES: "Advanced Microeconomics" (EBC4232) or equivalent.</p>																
Keywords																	
Teaching methods	PBL / Lecture / Assignment																
Assessment methods	Participation / Assignment / Presentation																
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><tbody><tr><td>Master Economics - Market Regulation and Design</td><td>Transitional Regulation</td></tr><tr><td>Master Economics - No specialisation</td><td>Transitional Regulation</td></tr></tbody></table>	Master Economics - Market Regulation and Design	Transitional Regulation	Master Economics - No specialisation	Transitional Regulation												
Master Economics - Market Regulation and Design	Transitional Regulation																
Master Economics - No specialisation	Transitional Regulation																