

## Course Descriptions None 2025-2026

Course Title	Market Design																																																		
Course Code	EBC2091																																																		
ECTS Credits	6,5																																																		
Assessment	Whole/Half Grades																																																		
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>4</td> <td>2-2-2026</td> <td>27-3-2026</td> <td></td> <td>X</td> <td></td> <td>X</td> <td></td> </tr> </tbody> </table>	Period	Start	End	Mon	Tue	Wed	Thu	Fri	4	2-2-2026	27-3-2026		X		X																																			
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Level	Intermediate																																																		
Coordinator	Dries Vermeulen For more information:d.vermeulen@maastrichtuniversity.nl																																																		
Language of instruction	English																																																		
Goals	(1) Being familiar with the game theoretic analysis of classical single-item auctions; (2) get insight in recent and classical auction literature and learn to interpret the main results; (3) be aware of the most important issues of auction design and how they can be addressed in various contexts; (4) learn how to set up an auction design for a particular application.																																																		
Description	<p>In order to satisfy the Econometrics &amp; OR curriculum, you have to choose two of the courses EBC2091, EBC2120, EBC2121, EBC2122 in period 4.</p> <p>The course is divided into two parts. Part (I) deals with fundamental results on auctions and market design. We discuss classical theory on single item auctions, but also for example frequency auctions where many licenses are sold simultaneously, and procurement auctions. Part (II) complements the theory. We read and discuss papers on real applications, in which the results from the theory part are relevant. Examples of markets we study are electric power auctions, trade in emission rights, and listings in online search engines.</p>																																																		
Literature	Course book.																																																		
Prerequisites	<ul><li>Exchange students need to major in economics.</li><li>An advanced level of English.</li></ul>																																																		
Transitional Regulations	<div class="trreg"> <div class="subtitle">TRANSITIONAL REGULATIONS</div> <ul style="list-style-type: none"> <li>Bachelor Economics and Business Economics - Economics and Management of Information [2024-2025 or earlier]</li> <li>Bachelor Economics and Business Economics - International Business Economics [2024-2025 or earlier]</li> </ul> </div> <p>From 2025-2026 onwards, education and exam/resit opportunities are offered. Alternative options may be available. See the Bachelor EER 2025-2026 Appendix I Article 16 for more information.</p> <table border="1"> <thead> <tr> <th>Academic Year</th> <th>Education</th> <th>Exam/Resit</th> <th>Replacement(s)</th> </tr> </thead> <tbody> <tr> <td>2025-2026 onwards</td> <td>X</td> <td>X</td> <td>See the Bachelor EER 2025-2026 Appendix I Article 16 for more information</td> </tr> </tbody> </table>	Academic Year	Education	Exam/Resit	Replacement(s)	2025-2026 onwards	X	X	See the Bachelor EER 2025-2026 Appendix I Article 16 for more information																																										
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Teaching methods	Presentation / Lecture / Papers / Groupwork																																																		
Assessment methods	Participation / Written Exam																																																		
Evaluation in previous academic year	For the complete evaluation of this course please click <a href="http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM">http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM</a>																																																		
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