

## Course Descriptions Bachelor 2023-2024

Course Title	Market Design																																														
Course Code	EBC2091																																														
ECTS Credits	6,5																																														
Assessment	Whole/Half Grades																																														
Period	<table><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><tr><td>4</td><td>5-2-2024</td><td>28-3-2024</td><td></td><td>X</td><td></td><td>X</td><td></td></tr></table>	Period	Start	End	Mon	Tue	Wed	Thu	Fri	4	5-2-2024	28-3-2024		X		X																															
Period	Start	End	Mon	Tue	Wed	Thu	Fri																																								
4	5-2-2024	28-3-2024		X		X																																									
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	Exchange students need to major in economics. An advanced level of English.																																														
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>																																														
This course belongs to the following programme / specialisation	<table><tr><td>Bachelor Economics and Business Economics - Economics</td><td>Year 3 Quantitative Economics Elective(s)</td></tr><tr><td>Bachelor Economics and Business Economics - Emerging Markets</td><td>Year 3 Elective Course(s)</td></tr><tr><td>Bachelor Economics and Business Economics - Economics and Management of Information</td><td>Year 2+3 Quantitative Economics Elective(s)</td></tr><tr><td>Bachelor Economics and Business Economics - International Business Economics</td><td>Year 3 QE Elec(s) - Maj Accounting</td></tr><tr><td>Bachelor Economics and Business Economics - International Business Economics</td><td>Year 3 QE Elec(s) - Maj Finance</td></tr><tr><td>Bachelor Economics and Business Economics - International Business Economics</td><td>Year 3 QE Elec(s) - Maj Inf Mgmt</td></tr><tr><td>Bachelor Economics and Business Economics - International Business Economics</td><td>Year 3 QE Elec(s) - Maj Marketing</td></tr><tr><td>Bachelor Economics and Business Economics - International Business Economics</td><td>Year 3 QE Elec(s) - Maj Org</td></tr><tr><td>Bachelor Economics and Business Economics - International Business Economics</td><td>Year 3 QE Elec(s) - Maj SCM</td></tr><tr><td>Bachelor Economics and Business Economics - International Business Economics</td><td>Year 3 QE Elec(s) - Maj Strategy</td></tr><tr><td>Bachelor Econometrics and Operations Research</td><td>Year 3 Core Course(s)</td></tr><tr><td>Bachelor Econometrics and Operations Research</td><td>Year 3 Elective Course(s)</td></tr><tr><td>Bachelor International Business - Emerging Markets</td><td>Year 3 Elective Course(s)</td></tr><tr><td>Bachelor International Business</td><td>Year 3 QE Elec(s) - Maj Accounting</td></tr><tr><td>Bachelor International Business</td><td>Year 3 QE Elec(s) - Maj Finance</td></tr><tr><td>Bachelor International Business</td><td>Year 3 QE Elec(s) - Maj Inf Mgmt</td></tr><tr><td>Bachelor International Business</td><td>Year 3 QE Elec(s) - Maj Marketing</td></tr><tr><td>Bachelor International Business</td><td>Year 3 QE Elec(s) - Maj Org</td></tr><tr><td>Bachelor International Business</td><td>Year 3 QE Elec(s) - Maj SCM</td></tr><tr><td>Bachelor International Business</td><td>Year 3 QE Elec(s) - Maj Strategy</td></tr><tr><td>SBE Exchange Bachelor</td><td>Bachelor Exchange Courses</td></tr><tr><td>SBE Exchange Master</td><td>Bachelor Exchange Courses</td></tr><tr><td>SBE Non Degree Courses</td><td>Bachelor Courses</td></tr></table>	Bachelor Economics and Business Economics - Economics	Year 3 Quantitative Economics Elective(s)	Bachelor Economics and Business Economics - Emerging Markets	Year 3 Elective Course(s)	Bachelor Economics and Business Economics - Economics and Management of Information	Year 2+3 Quantitative Economics Elective(s)	Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Accounting	Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Finance	Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Inf Mgmt	Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Marketing	Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Org	Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj SCM	Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Strategy	Bachelor Econometrics and Operations Research	Year 3 Core Course(s)	Bachelor Econometrics and Operations Research	Year 3 Elective Course(s)	Bachelor International Business - Emerging Markets	Year 3 Elective Course(s)	Bachelor International Business	Year 3 QE Elec(s) - Maj Accounting	Bachelor International Business	Year 3 QE Elec(s) - Maj Finance	Bachelor International Business	Year 3 QE Elec(s) - Maj Inf Mgmt	Bachelor International Business	Year 3 QE Elec(s) - Maj Marketing	Bachelor International Business	Year 3 QE Elec(s) - Maj Org	Bachelor International Business	Year 3 QE Elec(s) - Maj SCM	Bachelor International Business	Year 3 QE Elec(s) - Maj Strategy	SBE Exchange Bachelor	Bachelor Exchange Courses	SBE Exchange Master	Bachelor Exchange Courses	SBE Non Degree Courses	Bachelor Courses
Bachelor Economics and Business Economics - Economics	Year 3 Quantitative Economics Elective(s)																																														
Bachelor Economics and Business Economics - Emerging Markets	Year 3 Elective Course(s)																																														
Bachelor Economics and Business Economics - Economics and Management of Information	Year 2+3 Quantitative Economics Elective(s)																																														
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Accounting																																														
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Finance																																														
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Inf Mgmt																																														
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Marketing																																														
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Org																																														
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj SCM																																														
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Strategy																																														
Bachelor Econometrics and Operations Research	Year 3 Core Course(s)																																														
Bachelor Econometrics and Operations Research	Year 3 Elective Course(s)																																														
Bachelor International Business - Emerging Markets	Year 3 Elective Course(s)																																														
Bachelor International Business	Year 3 QE Elec(s) - Maj Accounting																																														
Bachelor International Business	Year 3 QE Elec(s) - Maj Finance																																														
Bachelor International Business	Year 3 QE Elec(s) - Maj Inf Mgmt																																														
Bachelor International Business	Year 3 QE Elec(s) - Maj Marketing																																														
Bachelor International Business	Year 3 QE Elec(s) - Maj Org																																														
Bachelor International Business	Year 3 QE Elec(s) - Maj SCM																																														
Bachelor International Business	Year 3 QE Elec(s) - Maj Strategy																																														
SBE Exchange Bachelor	Bachelor Exchange Courses																																														
SBE Exchange Master	Bachelor Exchange Courses																																														
SBE Non Degree Courses	Bachelor Courses																																														