

Course Descriptions NonDegree 2019-2020

Course Title	Supply Chain Operations																																											
Course Code	EBC4016																																											
ECTS Credits	6,5																																											
Assessment	Whole/Half Grades																																											
Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri																																				
	4	3-2-2020	3-4-2020	X/E			X/E																																					
Level	Advanced																																											
Coordinator	Christof Defryn For more information:c.defryn@maastrichtuniversity.nl																																											
Language of instruction	English																																											
Goals	Understanding the basic concepts of operations management in a supply chain context. Students will learn specific methods and techniques to model and solve problems in managing a firm's operations and learn about recent applications of such methods.																																											
Description	<p>The course Supply Chain Operations deals with the design, management and improvement of the processes that create a firm's primary services and products. Topics include scheduling, facility layout, facility location, sales & operations planning, inventory control, and project management.</p> <p>The course combines theory and exercises with several cases and recent research articles from the manufacturing and service industry.</p>																																											
Literature	Literature will consist of recent research articles as well as case studies that will be made available. A list of textbooks on Operations Management is given in the course manual for additional reading/basic concepts.																																											
Prerequisites	<p>Basic knowledge of statistics, probability and simulation; knowledge of Linear Programming and familiarity with Excel and the Solver plugin (as e.g. from the courses "Quantitative Methods" and "Operations Management" from the Bachelor International Business).</p> <p>A previous course on Operations Management will be useful.</p> <p>An advanced level of English.</p>																																											
Teaching methods	PBL / Presentation / Lecture / Assignment / Papers / Groupwork																																											
Assessment methods	Attendance / Participation / Written Exam / 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 border="1"> <tr> <td>Master Business Research - No specialisation</td> <td>Year 1 Disc- IB Supply Chain Mgmt</td> </tr> <tr> <td>Master Business Research - Operations Research</td> <td>Year 1 Elective Course(s)</td> </tr> <tr> <td>Master Business Research - Operations Research</td> <td>Year 2 Elective Course(s)</td> </tr> <tr> <td>Master Econometrics and Operations Research - Econometrics</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master Econometrics and Operations Research - Mathematical Economics</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master Econometrics and Operations Research - No specialisation</td> <td>Free Elective(s)</td> </tr> <tr> <td>Master Econometrics and Operations Research - Operations Research</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master Human Decision Science</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master International Business - Accountancy</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master International Business - Controlling</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master International Business - Entrepreneurship and SME Management</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master International Business - Organisation: Management, Change and Consultancy</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master International Business - Strategic Corporate Finance</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master International Business - Strategy and Innovation</td> <td>Elective Course(s)</td> </tr> <tr> <td>Master International Business - Supply Chain Management</td> <td>Compulsory Course(s)</td> </tr> <tr> <td>Master International Business - Sustainable Finance</td> <td>Elective Course(s)</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 Business Research - No specialisation	Year 1 Disc- IB Supply Chain Mgmt	Master Business Research - Operations Research	Year 1 Elective Course(s)	Master Business Research - Operations Research	Year 2 Elective Course(s)	Master Econometrics and Operations Research - Econometrics	Elective Course(s)	Master Econometrics and Operations Research - Mathematical Economics	Elective Course(s)	Master Econometrics and Operations Research - No specialisation	Free Elective(s)	Master Econometrics and Operations Research - Operations Research	Elective Course(s)	Master Human Decision Science	Elective Course(s)	Master International Business - Accountancy	Elective Course(s)	Master International Business - Controlling	Elective Course(s)	Master International Business - Entrepreneurship and SME Management	Elective Course(s)	Master International Business - Organisation: Management, Change and Consultancy	Elective Course(s)	Master International Business - Strategic Corporate Finance	Elective Course(s)	Master International Business - Strategy and Innovation	Elective Course(s)	Master International Business - Supply Chain Management	Compulsory Course(s)	Master International Business - Sustainable Finance	Elective Course(s)	SBE Exchange Master	Master Exchange Courses	SBE Non Degree Courses	Master Courses
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