Course Descriptions Master 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	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. The course combines theory and exercises with several cases and recent research articles from the manufacturing and service industry.
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	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). A previous course on Operations Management will be useful. An advanced level of English.
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

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