Course Descriptions None 2020-2021

Course Title	Supply Chain Operations Management
Course Code	EBC4016
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
2	26-10-2020	11-12-2020	X			X	
4	1-2-2021	26-3-2021	X			X	

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	PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. THE INFORMATION PROVIDED HERE IS BASED ON THE COURSE SETUP PRIOR TO THE CORONAVIRUS CRISIS. AS A CONSEQUENCE OF THE CRISIS, COURSE COORDINATORS MAY BE FORCED TO CHANGE THE TEACHING AND ASSESSMENT METHODS USED. THE MOST UP-TO-DATE INFORMATION ABOUT THE TEACHING/ASSESSMENT METHOD(S) WILL BE AVAILABLE IN THE COURSE SYLLABUS. PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. THE INFORMATION PROVIDED HERE IS BASED ON THE COURSE SETUP PRIOR TO THE CORONAVIRUS CRISIS. AS A CONSEQUENCE OF THE CRISIS, COURSE COORDINATORS MAY BE FORCED TO CHANGE THE TEACHING AND ASSESSMENT METHODS USED. THE MOST UP-TO-DATE INFORMATION ABOUT THE TEACHING/ASSESSMENT METHOD(S) WILL BE AVAILABLE IN THE COURSE SYLLABUS. 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	Repeat or double specialisation students (that started their first specialisation prior to September 2020) who want to follow this course in period 4 have to request a course registration through Ask SBE. This course is not open to students that started their programme in September 2020 or later. 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	Free Electives
Master Human Decision Science	Elective Course(s)
Master International Business - Accounting and Business Information Technology	Elective Course(s)
Master International Business - Entrepreneurship and Business Development	Elective Course(s)
Master International Business - Managerial Decision-Making and Control	Elective Course(s)
Master International Business - Information Management and Business Intelligence	Elective Course(s)
Master International Business - Marketing-Finance	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 - Strategic Marketing	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