Course Descriptions None 2020-2021

Course Title	Methods and Methodology*
Course Code	EBC4122
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	31-8-2020	16-10-2020		X		X	

Level	Advanced
Coordinator	Tjark Vredeveld For more information:t.vredeveld@maastrichtuniversity.nl
Language of instruction	
Goals	At the end of this course, the students can use several quantitative techniques necessary for the management and improvement of the supply chain.
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. This course focuses on mathematical techniques for managing and improving the supply chain. These techniques include data analysis and forecasting techniques. Moreover, to streamline the supply chain several optimisation techniques from operations research are being taught. Language of instruction : English.
Literature	C.T Ragsdale, Spreadsheet Modeling & Decision Analysis, 8th edition, 2018. J.E. Hanke and D.W. Wichern, Business Forecasting, 9th edition, 2009.
Prerequisites	Basics in linear programming, statistics and familiarity with Excel.
Teaching methods	PBL / Presentation / Assignment / Groupwork
Assessment methods	Final Paper / Participation / Written Exam
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 Global Supply Chain Management and Change	Compulsory Course(s)