Course Descriptions None 2020-2021

Course Title	Supply Chain Research Methods
Course Code	EBC4088
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	
5	12-4-2021	28-5-2021	X			X	

Level	Advanced
Coordinator	Rudolf Müller For more information:r.muller@maastrichtuniversity.nl
Language of instruction	English
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. 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 collection and analysis and forecasting techniques. Moreover, to streamline the supply chain several optimisation techniques from operations research are being taught.
Literature	Ragsdale, Cliff T., Spreadsheet Modeling and Decision Analysis, 8th edition, Cengage Learning, 2018. Hanke, John E. and Wichern, Dean W., Business Forecasting, 9th international edition, Pearson Education, 2009.
Prerequisites	TRANSITIONAL REGULATION (EBC4088): Only for students who started one of the following programmes/specialisations prior to academic year 2020/21: * Master Business Research - No specialisation (Note: only if you are taking "Supply Chain Management" disciplinary courses!) * Master International Business - Supply Chain Management Education (last opportunity in 2020/21) + Exam/Resit (last opportunity in 2021/22) NOTE: You may replace this course with EBC4264
Teaching methods	PBL / Presentation / Assignment / Groupwork
Assessment methods	Final Paper / Attendance / Participation / Written Exam / 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

Transitional Regulations	See prerequisites