Course Descriptions None 2021-2022

Course Title	Business Analysis
Course Code	EBC4104
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	30-8-2021	15-10-2021					
4	31-1-2022	25-3-2022					

Level	Advanced
Coordinator	Alexander Grigoriev For more information:a.grigoriev@maastrichtuniversity.nl
Language of instruction	English
Goals	Knowledge of crucial theoretical tools for analysing the data and managerial decision making. Ability to translate a verbal fuzzy description of a business problem into the mathematical model.
Description	This course deals with a toolbox from econometrics and applied operations research. Particularly, the following quantitative methods are extensively discussed: 1. Forecasting 2. Regression analysis 3. Time series 4. Linear programming 5. Integer linear programming 6. Simulations 7. Multiobjective optimization Besides, students learn how to read manuscripts on the level of current scientific standards, and give presentations using the advanced quantitative reasoning in managerial decision making.
Literature	J.E. Hanke and D.W. Wichern, Business forecasting, International Edition, Pearson Education. C.T. Ragsdale, Managerial Decision Modeling, Thomson South-Western. Research papers.
Prerequisites	This course has been cancelled. The following rule applies to students who started one of the following programmes/specialisations prior to academic year 2020/21 TRANSITIONAL REGULATION (EBC4104): * Master Business Research - No specialisation (Note: only if you are taking "Information Management and Business Intelligence" disciplinary courses!) * Master International Business - Information Management and Business Intelligence You can EITHER do the exam/resit of EBC4104 OR replace the course EBC4104 with "Data Analytics (IMBI/SCM)" (EBC4264).
Teaching methods	PBL / Presentation / Assignment / Papers / Groupwork / Research
Assessment methods	Participation / Written Exam / Assignment
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