

Course Descriptions NonDegree 2022-2023

Course Title	Operations Research Software							
Course Code	EBS4008							
ECTS Credits	4,0							
Assessment	Whole/Half Grades							
Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
	3	16-1-2023	27-1-2023	C				
Level	Advanced							
Coordinator	Tjark Vredevelde For more information:t.vredevelde@maastrichtuniversity.nl							
Language of instruction	English							
Goals	Students demonstrate knowledge of how to build, use and interpret the results of OR tools to support decision-making in a complex and dynamic environment.							
Description	<p>PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. A RE-EMERGENCE OF THE CORONAVIRUS AND NEW COUNTERMEASURES BY THE DUTCH GOVERNMENT MIGHT FORCE COORDINATORS 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.</p> <p>During this course, students will learn on OR tools to support decision-making. They will need to build their own tool and apply it to a practical problem. Furthermore, they need to be able to interpret the outcomes to come to sound conclusions.</p>							
Literature	Textbook on simulation; scientific articles.							
Prerequisites	Basic knowledge of Operations Research and combinatorial optimization; programming skills.							
Teaching methods	PBL / Presentation / Lecture / Assignment / Papers / Groupwork / Coaching							
Assessment methods	Final Paper / 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 - Operations Research	Year 1 Compulsory Skill(s)						
	Master Econometrics and Operations Research	Elective Skill(s)						
	SBE Exchange Master	Master Exchange Skills						
	SBE Non Degree Courses	Master Skills						