

Course Descriptions NonDegree 2022-2023

Course Title Operations Research Software
 Course Code EBS4008
 ECTS Credits 4,0
 Assessment Whole/Half Grades

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 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.

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.

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