

## Course Descriptions Master 2021-2022

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	10-1-2022	21-1-2022	C				

Level Advanced

Coordinator Tjark Vredevelde For more information: [t.vredevelde@maastrichtuniversity.nl](mailto: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 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