

## Course Descriptions Master 2023-2024

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	15-1-2024	26-1-2024					

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 This course is in transition.

The following rule applies to master Econometrics and Operations Research students who started the programme prior to academic year 2023/24.

TRANSITIONAL REGULATION (EBS4008):

Students who started the MSc E&OR prior to September 2023, who did not successfully complete one of the following skills courses before September 2023 will have to successfully complete the replacement skills training Computational Research Skills (EBS4043) as from academic year 2023-2024 or have a resit examination in 2023-2024.

See the Transitional Regulations section in the Master Education and Examination Regulations for more information.

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

Transitional Regulations

See prerequisites