

## Course Descriptions None 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              |