

## Course Descriptions Bachelor 2023-2024

Course Title Quantitative Methods III (IBE/INF)

Course Code EBS2027

ECTS Credits 4,0

Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
3	15-1-2024	26-1-2024	L	X		X	

Level Introductory/Intermediate

Coordinator Stan van Hoesel For more information:s.vanhoesel@maastrichtuniversity.nl

Language of instruction English

Goals Modelling and solving practical optimization problems with Excel.

Description Modern management can rely increasingly on the support of information and communication technology. Think of the Internet, but also the powerful computers that are an integral part of any organisation. This implies that alternative decisions to be taken by management can be evaluated and compared with the help of computer programs. In its most general form, the mathematical apparatus by which decision problems in business can be solved is called Mathematical Programming. Our attention will be focused on an important branch of Mathematical Programming called Linear Programming. We will not only show what the Linear Programming approach does, but also illustrate its potential by applying it to a variety of practical business problems.

Literature Reader

Prerequisites Familiarity with EXCEL.  
This is an obligatory skill for IBE and Infonomics students

Teaching methods Lecture / Groupwork

Assessment methods Written Exam

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

Bachelor Economics and Business Economics - Economics and Management of Information	Year 2 Compulsory Skill(s)
Bachelor Economics and Business Economics - International Business Economics	Year 2 Compulsory Skill(s)
SBE Exchange Bachelor	Bachelor Exchange Skills
SBE Exchange Master	Bachelor Exchange Skills
SBE Non Degree Courses	Bachelor Skills