

Course Descriptions None 2020-2021

Course Title	Quantitative Methods III (IB/FE)																
Course Code	EBS2001																
ECTS Credits	4,0																
Assessment	Whole/Half Grades																
Period	<table border="1"> <thead> <tr> <th>Period</th> <th>Start</th> <th>End</th> <th>Mon</th> <th>Tue</th> <th>Wed</th> <th>Thu</th> <th>Fri</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>11-1-2021</td> <td>22-1-2021</td> <td>C</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Period	Start	End	Mon	Tue	Wed	Thu	Fri	3	11-1-2021	22-1-2021	C				
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Level	Intermediate																
Coordinator	Christian Kerckhoffs For more information:c.kerckhoffs@maastrichtuniversity.nl																
Language of instruction	English																
Goals	<ul style="list-style-type: none"> - Learn to recognize the opportunities to apply basic tools from inferential statistics in practical business situations. - Learn to implement these tools correctly, using the statistical software package SPSS. - Learn to interpret the results of such analyses correctly, and understand their limitations. 																
Description	This skills training is devoted to refreshing and actively applying the basic inferential tools introduced in the statistics part of typical first year quantitative methods courses: a.o. the one-sample t-test, the independent-samples t-test, the paired-sample t-test, one-way-ANOVA, the chi-square test and regression analysis. Six case studies using real-life datasets that reflect business problems from a.o. marketing and finance are examined extensively. The empirical analyses are performed with SPSS, a statistical software package widely used in professional practice.																
Literature	Sharpe, Norean R., De Veaux, Richard D., and Paul F. Velleman (2017), Business Statistics and Extra Texts, 3rd. Intern. Ed., New York: Pearson Education International.																
Prerequisites	<p>Basic principles from inferential statistics as discussed in typical first-year Quantitative Methods courses such as QM1 (code EBC 1005/1006/1007) and QM2 (code EBC 1033/1034/1035): basic probability theory, population versus sample, sampling distribution, point estimation, confidence intervals, type I error, regression analysis.</p> <p>Exchange students must have attended courses similar to QM1 and QM2 at their home university. If not, successful completion of QM3 is impossible.</p>																
Teaching methods	PBL / Lecture / Assignment																
Assessment methods	Attendance / 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	<table border="0"> <tr> <td>Bachelor Fiscal Economics</td> <td>Year 2 Compulsory Skill(s)</td> </tr> <tr> <td>Bachelor International Business</td> <td>Year 2 Compulsory Skill(s)</td> </tr> <tr> <td>SBE Exchange Bachelor</td> <td>Bachelor Exchange Skills</td> </tr> <tr> <td>SBE Exchange Master</td> <td>Bachelor Exchange Skills</td> </tr> <tr> <td>SBE Non Degree Courses</td> <td>Bachelor Skills</td> </tr> </table>	Bachelor Fiscal Economics	Year 2 Compulsory Skill(s)	Bachelor International Business	Year 2 Compulsory Skill(s)	SBE Exchange Bachelor	Bachelor Exchange Skills	SBE Exchange Master	Bachelor Exchange Skills	SBE Non Degree Courses	Bachelor Skills						
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