

## Course Descriptions None 2014-2015

Course Title	Quantitative Methods III (IB/FE)																
Course Code	EBS2001																
ECTS Credits	4,0																
Assessment	None																
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>12-1-2015</td> <td>23-1-2015</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Period	Start	End	Mon	Tue	Wed	Thu	Fri	3	12-1-2015	23-1-2015	-				
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3	12-1-2015	23-1-2015	-														
Level	Intermediate																
Coordinator	Christian Kerckhoffs For more information:c.kerckhoffs@maastrichtuniversity.nl																
Language of instruction	English																
Goals	<ul style="list-style-type: none"> <li>- Learn to recognize the opportunities to apply basic tools from inferential statistics in practical business situations.</li> <li>- Learn to implement these tools correctly, using the statistical software package SPSS.</li> <li>- Learn to interpret the results of such analyses correctly, and understand their limitations.</li> </ul>																
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, oneway-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 DI, and Paul F. Velleman (2012), Business Statistics, 2nd. Intern. Ed., New York,; Pearson Education International																
Prerequisites	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.																
Teaching methods	PBL / Lecture / Assignment																
Assessment methods	Written Exam																
Evaluation in previous academic year	For the complete evaluation of this course please click <a href="http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM">http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM</a>																
This course belongs to the following programme / specialisation	<table border="0"> <tr> <td>Bachelor Fiscal Economics</td> <td>Year 2-3 Compulsory Skills</td> </tr> <tr> <td>Bachelor International Business</td> <td>Year 2 Compulsory Skills</td> </tr> </table>	Bachelor Fiscal Economics	Year 2-3 Compulsory Skills	Bachelor International Business	Year 2 Compulsory Skills												
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