

# Syllabus

## *Course Description*

<b>Course Title</b>	OFA-Mathematics
<b>Course Code</b>	30196
<b>Course Title Additional</b>	
<b>Scientific-Disciplinary Sector</b>	NN
<b>Language</b>	English
<b>Degree Course</b>	Bachelor in Tourism, Sport and Event Management
<b>Other Degree Courses (Loaned)</b>	
<b>Lecturers</b>	Dott. Benjamin Weißing, Benjamin.Weissing@unibz.it <a href="https://www.unibz.it/en/faculties/economics-management/academic-staff/person/35796">https://www.unibz.it/en/faculties/economics-management/academic-staff/person/35796</a>
<b>Teaching Assistant</b>	
<b>Semester</b>	First semester
<b>Course Year/s</b>	1
<b>CP</b>	0
<b>Teaching Hours</b>	—
<b>Lab Hours</b>	10 EXE
<b>Individual Study Hours</b>	-
<b>Planned Office Hours</b>	-
<b>Contents Summary</b>	<p>OFA (obblighi formativi aggiuntivi) - ADDITIONAL STUDY ACHIEVEMENTS:</p> <p>Before the start of the first semester, the faculty offers a preparatory course in mathematics. At the end of that course all new students will have to sit a compulsory test. In case of a negative result or non-participation in the test, additional study achievements (OFA) will be assigned.</p> <p>The additional achievements (OFA) are considered to have been completed upon passing the test offered at the end of the OFA exercises. The additional coursework can also be completed by</p>

	<p>passing the exam at the end of the first teaching module of the 'Mathematics' course (teaching module 1) or the mathematics exam (teaching module 1 + teaching module 2) within the first academic year. If these requirements are not met, students will not be allowed to take the examinations in the quantitative subjects of the second and third years of study ('Statistics for TSE', 'Quantitative Methods in Management' and 'Data Management, Analysis and Protection').</p>
<b>Course Topics</b>	Sets, Algebraic Expressions, Logarithms, Linear and Quadratic Equations
<b>Keywords</b>	-
<b>Recommended Prerequisites</b>	
<b>Propaedeutic Courses</b>	
<b>Teaching Format</b>	Frontal lecture.
<b>Mandatory Attendance</b>	-
<b>Specific Educational Objectives and Learning Outcomes</b>	<p>ILO 1 - Knowledge and understanding</p> <p>ILO 1.1 of basic mathematical concepts (sets and operations on sets, relations and their properties, general functions, numbers and elementary equations/inequalities)</p> <p>ILO 1.2 of mathematical terminology in English.</p> <p>ILO 2 - Ability to apply knowledge and understanding</p> <p>ILO 2.1 basic concepts useful for following courses in economics, business and administration</p>
<b>Specific Educational Objectives and Learning Outcomes (additional info.)</b>	
<b>Assessment</b>	Written test (covers ILO 1-2).
<b>Evaluation Criteria</b>	Correctness of solutions.
<b>Required Readings</b>	<ul style="list-style-type: none"> <li>• none</li> </ul>
<b>Supplementary Readings</b>	
<b>Further Information</b>	
<b>Sustainable Development Goals (SDGs)</b>	Reduced inequalities