

# BA in Mathematics

## Specialization: Financial Mathematics

<b>Institution</b>	Faculty of Mathematics and Computer Science, University of Lodz
<b>Name of the programme</b>	BSc in Mathematics Specialization: Financial Mathematics
<b>Degree to obtain</b>	Bachelor of Science in Mathematics
<b>Duration</b>	6 semesters (3 academic years)
<b>Language of instruction</b>	English
<b>ECTS points</b>	183
<b>Programme description</b>	<p>A graduate of mathematics with a specialization in <b>Financial Mathematics</b> is familiar with basic statistical methods, the fundamentals of microeconomics and insurance. She/He also gained the ability to use mathematical tools in insurance problems and data analysis.</p> <p>Graduates have the knowledge and skills to use databases, use spreadsheets and specialized software to perform calculations, experiments, simulations, and data analysis.</p> <p>These studies in particular prepare for the job of <b>actuary</b>.</p> <p>An <b>actuary</b> is a business professional who deals with the measurement and management of risk and uncertainty.</p> <p>The main subjects are among others:</p> <ul style="list-style-type: none"> <li>• Introduction to Insurance</li> <li>• Microeconomics</li> <li>• Pricing in Discrete Market Models</li> <li>• Life Insurance Mathematics</li> </ul> <p>Non-Life Insurance</p>
<b>Tuition</b>	<p>The charge of 2000 PLN/year applies for Polish and the EU/EFTA citizens. 2500 EUR/year for students from outside the EU/EFTA, exclusive of an additional 120 EUR charge that covers administrative fee. For students of Polish origin the tuition is reduced by 50%.</p> <p>Please check UL website for updates about payments.</p>
<b>Deadline for application</b>	15 July 2018

<b>Requirements</b>	A high school diploma, a transcript of records showing the subjects/grades and a certificate of proficiency in English for foreigners (unless the secondary education was taught in English) are required. For detailed information about the admission procedure please visit: <a href="http://www.iso.uni.lodz.pl">www.iso.uni.lodz.pl</a>
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