

# BA in Mathematics

## Specialization: Financial Mathematics

<b>Institution</b>	Faculty of Mathematics and Computer Science, University of Lodz
<b>Name of the programme</b>	Mathematics, specialization: Financial Mathematics
<b>Degree to obtain</b>	BA 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 Financial Mathematics 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. 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 actuary. An actuary 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> <li>• Non-Life Insurance</li> </ul>
<b>Tuition</b>	To be announced. Please check the University of Lodz website for updates about payments.
<b>Deadline for application</b>	15 July 2019
<b>Requirements</b>	<p>Please note that there is an ongoing change of regulations at the University of Lodz (due to the reform of state Law on Higher Education and Science) and there may be some amendments to admission rules in 2019.</p> <p>The following documents are required (among others):</p> <ol style="list-style-type: none"> <li>(1) a high school diploma,</li> <li>(2) a high school transcript of records showing passed subjects and obtained grades,</li> <li>(3) a certificate of proficiency in English for foreigners (unless secondary education was taught in English).</li> </ol> <p>For detailed information about the admission procedure please visit: <a href="http://www.iso.uni.lodz.pl">www.iso.uni.lodz.pl</a></p>
<b>Contact</b>	For questions about the studies please contact:

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<b>www</b>	<a href="http://www.math.uni.lodz.pl">www.math.uni.lodz.pl</a>

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