# BA in Mathematics

**Specialization: Financial Mathematics**

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<tr>
<th>Institution</th>
<th>Faculty of Mathematics and Computer Science, University of Lodz</th>
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| **Name of the programme**            | BSc in Mathematics  
Specialization: Financial Mathematics                        |
| **Degree to obtain**                 | Bachelor of Science in Mathematics                            |
| **Duration**                         | 6 semesters (3 academic years)                                |
| **Language of instruction**          | English                                                       |
| **ECTS points**                      | 183                                                           |

## Programme description

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.

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.

The main subjects are among others:

- Introduction to Insurance
- Microeconomics
- Pricing in Discrete Market Models
- Life Insurance Mathematics
- Non-Life Insurance

## Tuition

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%.

Please check UL website for updates about payments.

## Deadline for application

15 July 2018
| Requirements | 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: www.iso.uni.lodz.pl |
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