

Course title: **Actuarial Methods**
Institute/Division: Institute of Mathematics, Faculty of Physics, Mathematics and Computer Science
Erasmus subject code: 11.1Mathematics
Number of contact hours: 45 hours
Course duration: 1 semester
ECTS credits: 6
Course description: This course provides an introduction to actuarial methods in life insurances. The main aim of the course is to achieve an answer to the question: How are the premiums for insurance policies calculated?

Literature:

H.U. Gerber, Life Insurance Mathematics, Springer, Berlin, 1995.
N.L. Bowers, H.U. Gerber, J.C. Jones, C. Nesbitt, Actuarial Mathematics, Society of Actuaries, Illinois, 1986.

Course type: Lectures, classes.
Assessment method: Some tasks to be solved at home, final test-exam.
Prerequisites: Calculus, Probability theory.
Primary target group: Students studying Mathematics, Economics, Physics, Computer Sciences, Engineering Sciences, I or II level.

Lecturer: Marek Malinowski, PhD
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Deadline for application: 15th of January