Politechnika Krakowska
Wydział Informatyki
i Matematyki

Course title	Actuarial Methods
Institute/Division	Faculty of Computer Science and Telecommunications/ Department of Mathematics
Course code	F-2.AM
Erasmus subject code	11.5
Number of contact hours**	45 lecture hours (45h)
Course duration	1 semester (Spring)
ECTS credits	6
Course description (max 100 words)	This course provides an introduction to actuarial methods in life insurance. The main objective of the course is to familiarize the student with the methods of determining the premium for insurance policies.
Literature	1. H.U. Gerber, Life Insurance Mathematics, Springer Science & Business Media, Berlin, 2013 2. N.L. Bowers, H.U. Gerber, J.C. Hickman, D.A. Jones, C. Nesbitt, Actuarial Mathematics, Society of Actuaries, Illinois, 1997.
Course type/organization	• Lectures (30h), • Exercises (15h)
Assessment method	Earning points for solving exercises.
Prerequisites	Probability, random variables
Primary target group	First or second cycle-studies in: Mathematics, Economics, Physics, Computer Science, Engineering Sciences
Contact person	Marek Malinowski, associate professor e-mail: marek.malinowski@pk.edu.pl
Remarks	

*please insert one of the following codes:
11.0 Mathematics, Informatics
11.1 Mathematics
11.2 Statistics
11.3 Informatics, Computer Science
11.4 Artificial Intelligence
11.5 Actuarial Science
11.9 Others Mathematics, Informatics

**1 lecture hour=45 minutes