

Faculty of Economics / ECONOMICS (4 years, 240 ECTS credits) / RISK AND INSURANCE

Course:	RISK AND INSURANCE			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
57	Mandatory	8	4	2+2+0
Programs	ECONOMICS (4 years, 240 ECTS credits)			
Prerequisites	no			
Aims	Introduction and understanding economic, mathematic and legal aspects of insurance			
Learning outcomes	After completion of this course the student will be able to: 1. Define risk, appoint to the forms and to phases of risk management. 2. Define Insurance, appoint functions, elements and tasks of the technical organization of insurance. 3. Indicate the forms of organization of insurance companies, persons in insurance and insurance documents. 4. Describe and classify the types of property and life insurance. 5. Define coinsurance and reinsurance. 6. Explain the principles of property insurance, to calculate of insurance benefit, as well as the tariffs of non-life insurance. 7. Explain the pension and health insurance. 8. Describe guarantee and technical reserves in insurance and indicate the types of investments. 9. Calculate the net and gross premium for the different types of life insurance.			
Lecturer / Teaching assistant	Vladimir Kaščelan, full professor and Milijana Novovic Buric, assistant professor			
Methodology	lectures and exercises			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Risk as an basic element of insurance. Definitions and classifications of risks. Risk, uncertainty, hazard.			
I week exercises	Risk as an basic element of insurance. Definitions and classifications of risks. Risk, uncertainty, hazard.			
II week lectures	Risk management – phases and rules of risk management			
II week exercises	Risk management – phases and rules of risk management			
III week lectures	Role, functions and definitions of insurance. Elements and tasks of technical organization of insurance			
III week exercises	Role, functions and definitions of insurance. Elements and tasks of technical organization of insurance			
IV week lectures	Organizational structure of insurance company. Documents and persons in insurance.			
IV week exercises	Organizational structure of insurance company. Documents and persons in insurance.			
V week lectures	Basic elements of insurance (risk, premium, sum insured, insurance case, insurance benefit)			
V week exercises	Basic elements of insurance (risk, premium, sum insured, insurance case, insurance benefit)			
VI week lectures	Type of insurance. Reinsurance. Coinsurance. Simple and aggregate excess			
VI week exercises	Type of insurance. Reinsurance. Coinsurance. Simple and aggregate excess			
VII week lectures	Type of nonlife insurance. Principles of property insurance. Sum insured and insurance benefit. Double and multiply insurance.			
VII week exercises	Type of nonlife insurance. Principles of property insurance. Sum insured and insurance benefit. Double and multiply insurance.			
VIII week lectures	Test I			
VIII week exercises	Test I			
IX week lectures	Life insurance			
IX week exercises	Life insurance			
X week lectures	Make-up test I			
X week exercises	Make-up test I			
XI week lectures	Pension and health insurance			
XI week exercises	Pension and health insurance			
XII week lectures	Definitions and elements of insurance premium. Objectives and factors of determining insurance premium			

XII week exercises	Definitions and elements of insurance premium. Objectives and factors of determining insurance premium					
XIII week lectures	Nonlife insurance premium. Structure and calculation of nonlife premium.					
XIII week exercises	Nonlife insurance premium. Structure and calculation of nonlife premium.					
XIV week lectures	Life insurance premium. Mortality table. Actuarial basis of calculation of premium rates.					
XIV week exercises	Life insurance premium. Mortality table. Actuarial basis of calculation of premium rates.					
XV week lectures	Test II / Make-up test II					
XV week exercises	Test II / Make-up test II					
Student workload	per week 4 credits x 40/30 = 5,3 hours Structure: 2 hours of lectures 2 hours of exercises 1,3 hour of independent work including consultation per semester 4x30=120 hours Structure: Lectures and final exams: 5,3x16= 85,3 hours Preparation before the start of semester (administration, enrolment): 5,3x2 = 10,6 hours. Additional work - preparation for the corrective exam period: 24,1 hours					
Per week			Per semester			
4 credits x 40/30=5 hours and 20 minuts 2 sat(a) theoretical classes 0 sat(a) practical classes 2 excercises 1 hour(s) i 20 minuts of independent work, including consultations			Classes and final exam: 5 hour(s) i 20 minuts x 16 =85 hour(s) i 20 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 5 hour(s) i 20 minuts x 2 =10 hour(s) i 40 minuts Total workload for the subject: 4 x 30=120 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 24 hour(s) i 0 minuts Workload structure: 85 hour(s) i 20 minuts (cources), 10 hour(s) i 40 minuts (preparation), 24 hour(s) i 0 minuts (additional work)			
Student obligations			Students are required to attend classes, take tests and exams			
Consultations			After classes			
Literature			Mandatory: V.Kaščelan M.Novović „Osiguranje i aktuarska matematika“, Univerzitet Crne Gore Podgorica, 2009. Additional: dr Boris Marović i dr Veselin Avdalović , «Osiguranje i uravljanje rizikom», II dopunjeno izdanje, Subotica 2004; J.Kočović P.Šulej			
Examination methods			Test I - 30 points, Test II- 30 points, essay - 10 points, final exam -30 points Grade: A B C D E Points: 90-100 80-89 70-79 60-69 50-59			
Special remarks						
Comment						
Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points