COURSE OUTLINE

(1) GENERAL

SCHOOL	SCHOOL OF INFORMATION SCIENCES & TECHNOLOGY		
ACADEMIC UNIT	DEPARTMENT OF STATISTICS		
LEVEL OF STUDIES	1st Cycle (UNDERGRADUATE)		
COURSE CODE	**6124**	**SEMESTER**	**7th**
COURSE TITLE	**ACTUARIAL SCIENCE II**		

INDEPENDENT TEACHING ACTIVITIES	**WEEKLY TEACHING HOURS**	**CREDITS**
	4	7

COURSE TYPE	ELECTIVE - Scientific Field
PREREQUISITE COURSES:	
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	GREEK
IS THE COURSE OFFERED TO ERASMUS STUDENTS	YES
COURSE WEBSITE (URL)	https://www.dept.aueb.gr/en/stat/content/actuarial-ii-7-ects

(2) LEARNING OUTCOMES

Learning outcomes
At the end of this course, the student may be able to deal with the basic problems of pricing and reserving for life insurance contracts.
General Competences
• Search for, analysis and synthesis of data and information, with the use of the necessary technology • Decision-making • Homework

(3) SYLLABUS

The specific course is an introduction to life insurance mathematics and considers all the basic actuarial techniques required for life insurance problems.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face to Face

USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	YES
TEACHING METHODS	

Activity	*Semester workload*
Lectures	170
Educational visits	5
Course total	***175***

STUDENT PERFORMANCE EVALUATION	WRITTEN EXAMINATION AT THE END OF THE SEMESTER

(5) ATTACHED BIBLIOGRAPHY

- ZIMBIDIS A..(2009), Actuarial Mathematics for Life Insurance, Athens University of Economics and Business
- ZIMBIDIS A.. (2008) Pension funds and Actuarial Studies, Athens University of Economics and Business
- Neil A. (1986), «Life Contingencies» Heinemann Professional Publishing
- Etienne De Vylder (1997), “Life insurance : Actuarial Perspectives”, Kluwer Academic Print
- David C. M. Dickson, Mary Hardy, Mary R. Hardy, Howard R. Water. (2013) Actuarial Mathematics for Life Contingent Risks. Cambridge University Press, 2013