

## **Demography (61223)**

***Instructor: A.KOSTAKI***

Elective Course, 4<sup>th</sup> semester, 5 ECTS units

Course level: Graduate (MSc)

Language: Greek

### **Course Description**

In this course we present the statistical methods for the analysis of demographic data and their applications.

### **Prerequisites**

Students should have good knowledge of Descriptive Statistics

### **Target Learning Outcomes**

The students after attending successfully the course will be able, using the appropriate methodology, to analyse demographic data, official statistics and provide population projections.

### **Recommended Bibliography**

- Statistical Demography and Forecasting (Springer Series in Statistics) by Juha Alho and Bruce Spencer ISBN-13: 978-0387235301
- Applied Mathematical Demography (Statistics for Biology and Health) Softcover reprint of hardcover 3rd ed. by Nathan Keyfitz , Hal Caswell ISBN-13: 978-144191977

### **Teaching and Learning Activities**

One three-hour lecture per week and individual project

### **Assessment and Grading Methods**

Written examination (50%) and individual project (50%).