

Global Learning Semesters

Course Syllabus

Course: EDUC-470 Statistics

Department: Education

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
EDUC-470	Statistics	3
Semester Offered	Contact Hours	Prerequisites
Fall	42	None
Department	Level of Course	Language of Instruction
Education	Upper Division	Greek

Course Description

The importance of statistics in education. Variables. Frequency and grouping. Graphical presentation (histograms, frequency polygons). Averages, medians, spread and variance. The normal curve and its implications. Correlation indices. The zero hypothesis and degree of confidence.

Instructor

Dr Elena Papanastasiou

Course Aims and Objectives

Develop the skills needed to run simple statistical analysis tests.

Teaching Methods

The course is delivered through a mixture of lectures and practical exercises and assignments.

Course Teaching Hours

42 hours. The course is delivered during the fall semester in 14-weeks (3 hours/week).

Evaluation and Grading

Homework: 20%
Mid-Term: 30%
Final Exam: 40%
Participation: 10%

Readings and Resources

Required Textbook

Glass, V. G., & Hopkins, K. D. (1996). *Statistical methods in Education and Psychology*. Boston: Allyn and Bacon.