

<i>information, with the use of the necessary technology</i> <i>Adapting to new situations</i> <i>Decision-making</i> <i>Working independently</i> <i>Team work</i> <i>Working in an international environment</i> <i>Working in an interdisciplinary environment</i> <i>Production of new research ideas</i>	<i>Respect for difference and multiculturalism</i> <i>Respect for the natural environment</i> <i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i> <i>Criticism and self-criticism</i> <i>Production of free, creative and inductive thinking</i> <i>Others...</i>
Decision-making Working independently Team work Working in an international environment Working in an interdisciplinary environment Production of new research ideas	

(3) SYLLABUS

Descriptive Statistics. Parameters of location, dispersion, and shape of a distribution. Probability. Random variables. Univariate and multivariate probability distributions. Some standard distributions: discrete and continuous Uniform distribution, Bernoulli, Binomial, Hypergeometric, Poisson, Exponential, Gamma, Beta, Normal, Standard Normal, Lognormal, χ^2 , t , F , Bivariate Normal, and Polynomial. Sampling distributions and the Central-limit Theorem. These topics are fundamental for Inferential Statistics, which is central in Statistics, and which has many applications to Economics.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of ICT in teaching, laboratory education, communication with students	
TEACHING METHODS <i>The manner and methods of teaching are described in detail.</i>	<i>Activity</i>	<i>Semester workload</i>
	LECTURES	52*3= 156

<p>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</p> <p>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</p>	RECITATIONS	12 *2=24
	LABORATORY	8 *1=8
	Course total	188
<p>STUDENT PERFORMANCE EVALUATION</p> <p>Description of the evaluation procedure</p> <p>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</p> <p>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</p>	<p>(1) MIDTERM EXAMINATION (optional, 20%), (2) FINAL EXAMINATION (compulsory: 80% for students who do better in the mid-term test, and 100% for those who do not take the mid-term test, or take it but do better in the final).</p> <p>The midterm test consists of 20 multiple-choice questions, whereas the final exam consists of 30 multiple-choice questions, all in Greek.</p>	

(5) ATTACHED BIBLIOGRAPHY

<p>- Suggested bibliography:</p> <p>- Related academic journals:</p> <ol style="list-style-type: none"> 1. <i>Statistics for Economists</i>, D. Hatzinikolaou, Ioannina 2002, (Chs. 1-6, in Greek). 2. Three problem sets (in Greek, uploaded in http://users.uoi.gr/dhatzini)
