



ID	2447
Curricular Unit	Statistics II
Regent	Ana Isabel Andrade Dinis Carita
Learning Outcomes	The objectives of this course are: (i) provide students with basic knowledge of statistical inference, parametric and nonparametric that allow the processing of data related to their future professional and scientific activities; (ii) develop the ability to use a statistical software (in case, the SPSS).
Syllabus	Statistical inference for two populations: parametric and nonparametric tests. Statistical inference for several populations: parametric and nonparametric tests. Parametric statistical inference for population proportions. Chi-square tests. Linear regression.
Evaluation	The approval in the course is obtained with final score greater than or equal to 10. The assessment can be done in two ways: continuous assessment or a final exam. In either mode of assessment it is possible for students, with a score greater than or equal to 9.0 values, and upon teachers approval, to an oral exam. During the assessments it is forbidden to use mobile phone. Continuous assessment: 2 tests, the final score is the simple arithmetic average of these tests, provided that the criteria for the minimum score of 9.0 on the tests are verified. Assessment by final exam: the final exam is to be carried out at the normal or recourse periods (and also in special exam period for students who have special status).
Bibliography	 Bruno, P., Carita, A., Diniz, A., Gonçalves, I., e Teles, J. (2008), Introdução à Teoria das Probabilidades, Lisboa: Edições FMH. Bruno, P., Carita, A., Diniz, A., Gonçalves, I., e Teles, J. Tópicos de Estatística, manual não editado. Field, A. (2010), Discovering Statistics Using SPSS (3rd ed.), London: Sage. Murteira, B., Ribeiro, C. S., Silva, J. A., e Pimenta, C. (2007), Introdução à Estatística (2ª ed.), Lisboa: McGraw?Hill. Zar, J. H. (2010), Biostatistical Analysis (5th ed.), Upper Saddle River, New Jersey: Prentice Hall.