

Code: 1712 Mathematics II**Degree:** 1st cycle - Landscape Architecture**Curricular Year:** 1st**Semester Course:** 2nd**Credits:** 6 ECTS**Compulsory****Language:** Portuguese/English**Responsible:** Fernanda Maria dos Reis Torroaes Valente**Other lecturer(s):** Marta Guerreiro Duarte Mesquita de Oliveira**Web Site:** <http://www.isa.utl.pt/home/node/3727>**1. Contact hours:****Lecture/Practicals 70 Others 14 Total 84****2. Objectives:**

Understanding and use of basic concepts of Statistics and Geostatistics

3. Programme:

Introduction to Statistics: data exploratory analysis , foundations of probability and statistics inference.

Introduction to Geostatistics: continuous spatial analysis, spatial prediction.

4. Bibliography:**Main Bibliography**

Murteira, B., Ribeiro, C.S., Silva, J.A. e Pimenta C.(2002). Introdução à Estatística. Mc Graw Hill.

Soares, A. (2000) Geoestatística para as Ciências da Terra e do Ambiente, IST Press.

5. Assessment:

Exam

6. Estimated Workload:

168

Hours

7. Last Update:

6/7/2010