

Code: **Natural Resources Management**
Degree: 2nd cycle – Tropical Agriculture and Sustainable Development
Curricular Year: 1st **Semester Course:** 1st
Credits: 6 ECTS **Compulsory**
Language: Portuguese/English
Responsible: José Guilherme Martins Dias Calvão Borges
Other lecturer(s): Pedro César Ochoa de Carvalho
Web Site:

1. Contact hours:
Lecture/Practicals 70 Others 14 Total 84

2. Objectives:

Train students to be better prepared to manage natural resources in a tropical environment in the context of different farming systems, from crop production to livestock, agro-industries and agro-forestry systems, and when possible within an integrated perspective.

3. Program:

- 1 – Man and Environment: Population and natural resources
- 2 – Conservation and Sustainable Use of Soil
- 3 – Forestry in the world: concepts, typology and respective evolution
- 4 – Tropical Forests: dynamics, deforestation and sustainable development - global issues and international initiatives.
- 5 – Forest plantations and agroforestry systems
- 6 – Tropical timber: diversity, valuation and marketing
- 7 – Non-timber products of tropical forests
- 8 – Biomass and Bioenergy: energy crops and biomass use
- 9 – Environmental value and social dimension of forests
- 10 – Certification and accreditation

4. Bibliography:

Main Bibliography

To be defined

5. Evaluation:

Through written tests and bibliographical revision work

6. Estimated Workload: 168 Hours
7. Last Update: 16/7/2010