

AQUACULTURE

Study programme: MIMV Curricular Year: 3th Semester: 2nd Optional Credits: 2,5 ECTS
Lecturer: Fernando Afonso (CCP e R)

1. Contact hours:

Lectures – 20h Practicals – 8h Total 28h

2. Objectives:

To contribute for the education of the students in the aquaculture area, acquiring the knowledge that will allowed them to understand the organization and the operation of the productive systems and the methods that are used.

3. Programme:

Aquaculture in Portugal, in Europe and in the World.

Water quality.

Productive methods and systems. Recirculation systems in aquaculture.

Nutrition and feeding of aquatic species.

Prophylaxis and pathology.

Aquaculture project formulation.

4. Bibliography:

Brown, L. & Giral, I. de Blas (2000). *Acuicultura para Veterinarios – Producción y Clínica de Peces*. Editora Editorial Acribia, Zaragoza (Espanha)

Parker R. (2002). *Aquaculture Science*. Thomson Delmar Learning.

Lucas, J. S. & Southgate, P. C. (Ed.) (2003). *Aquaculture: Farming Aquatic Animals*. Blackwell Publishing.

Pillay, T. V. R. & Kutty, M. N. (2005). *Aquaculture: Principle and Practices*. Blackwell Publishing.

Wildgoose W.H. (Ed.) (2001). *BSAVA Manual of Ornamental Fish*. British Small Animal Veterinary Association.

4. Assessment:

The students' knowledge is evaluated at the end of the term with a written examination including theoretical and practical subjects.