

## AQUACULTURE

**Study programme: MIMV    Curricular Year 3<sup>rd</sup>    Semester 6<sup>th</sup>    Optional    ECTS: 2,5**

**Lecturer: Fernando Afonso (CCP / R)**

**1. Contact hours: Lectures - 17, Practical – 11**

**2. Objectives:**

To contribute for the education of the students in the aquaculture area, acquiring the knowledge that will allow 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:**

Aquicultura para Veterinarios – Producción y Clínica de Peces. Editora Lydia Brown. Editorial Acribia, Zaragoza (España), 2000.

Aquaculture: Farming Aquatic Animals. Edited by Lucas, J. S. and Southgate, P. C. Blackwell Publishing, 2003.

Aquaculture: Principle and Practices. Pillay, T. V. R. and Kutty, M. N., Second Edition, Blackwell Publishing, 2005

BSAVA Manual of Ornamental Fish. Edited by William H. Wildgoose. British Small Animal Veterinary Association, 2001.

**4. Assessment:**

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