OBJECTIVES: The master’s degree in Aquaculture aims to train professionals for the aquaculture sector with a high level of scientific knowledge, and multidisciplinary techniques and the capacity of carrying out research, management and innovation.

DISTINCTING FEATURES: The synergy between the three participating universities forms a comprehensive proposal covering the range of aquaculture expertise from fundamentals aspects (physiology, pathology, immunology) to the most applied ones (environment, engineering, production technology, economy).

PROFESSIONAL OPPORTUNITIES: Postgraduates will be prepared for positions in: aquaculture production, new business start-ups, consulting firms, development of projects in aquaculture-related industries: production of fish feeds, drugs and vaccines, transformation of fish products, marketing, pharmaceutical industry, administration and research departments in public and private companies.

Physiology of Aquaculture Species 8 ECTS (UB)
Energetics and Fish Nutrition
Physiology of Growth of Aquaculture Species
Reproductive Biology of Fishes, Crustaceans and Molluscs
Techniques of Physiological Analysis in Fish 2 ECTS (UB)

Animal Health and Welfare 8 ECTS (UAB)
Stress and Prevention of Diseases in Aquatic Animals
Immunology of Aquaculture Species
Pathology, Therapy and Immunoprophylaxis in Fish
Aquaculture and the Environment
Methods of Fish Health analysis 2 ECTS (UAB)

Aquaculture as a Productive Sector 8 ECTS (UPC)
Technology of Aquaculture production
Engineering of Aquaculture Facilities
Economic and Financial Management of the Aquaculture Business
Management of an Installation 2 ECTS (UPC)

Final Master Project (30 ECTS) In investigation groups at universities, research centers or private companies

http://www.ub.edu/estudis/mastersuniversitaris/aquicultura/
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