

# Stirling University

The University campus, is regarded as one of the most beautiful of any University in the UK. It covers more than 350 acres of mature parkland and woodland, with the 18th Century Airthrey castle at its centre. The Estate has been extensively developed to accommodate a modern residential university. A number of the buildings have won architectural awards.



*University of Stirling Campus*



UNIVERSITY OF  
STIRLING

## INSTITUTE OF AQUACULTURE



## Short Courses for Continuing Professional Development



UNIVERSITY OF  
STIRLING

Institute of Aquaculture

Web site:

[www.aqua.stir.ac.uk](http://www.aqua.stir.ac.uk)

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The purpose of this leaflet is general guidance and information. The University's courses are subject to a continuous process of review. While every effort has been made to ensure the accuracy of material in this leaflet at time of going to press, the University will not be liable for any errors or omissions. The University reserves the right in every case at its discretion to vary the contents of courses or parts of courses, to offer new courses, to discontinue existing courses and to cancel courses in the event of low enrolments.

# Professional Training at the Institute of Aquaculture



Developing practical virology skills

These are available to anyone with professional engagement in the subject or purely for personal interest.

Each module is available as a standalone training course, or can be credit bearing under the Scottish Credit and Qualifications Framework. Credit awarded for each module completed can be accumulated to achieve a formal University qualification over a period of up to 5 years.

By successfully completing 6 or 12 modules you could gain a Postgraduate Certificate or Diploma in a number of named aquaculture-related outcomes. A Master's degree can be obtained by completing 12 modules and a research project. This flexible approach to educational achievement benefits both employers and employees, providing vital skills for business efficiency and growth as well as promoting personal development.

## Modules offered

### Aquatic Animal Health

- Aquatic Animal Biology & Health
- Epidemiology & Health Control
- Immunology
- Microbial Diseases
- Parasitic Diseases
- Systemic Pathology and Histopathology

### Aquaculture Systems

- Advanced Engineering
- Aquaculture in Practice
- Aquatic animal Production Systems
- Livelihoods and Aquatic Resources Management
- Sustainable Shrimp Aquaculture
- Geographical Information Systems & Spatial Planning

### Business

- Business and Financial Management
- Economics, Marketing and Investment
- Policy, Planning and Management

### Environment

- Aquatic Animals in the Environment
- Ecotoxicology
- Environmental Management
- Geographical Information Systems & Spatial Modelling
- Sustainable Aquaculture and Biodiversity

### Genetics and Broodstock Management

- Aquatic Animal Reproduction & Genetics
- Advanced Broodstock Management and Genetics

### Nutrition

- Aquatic Animal Nutrition and Food Safety
- Practical Feed Production

## The Institute of Aquaculture

This is one of the largest, oldest and foremost Institutions in the World dedicated to the development of aquaculture. The department is renowned worldwide for its excellence in research and training and has been running MSc programmes since 1972. This 5a RAE (2001) rated Institution has over 100 staff and 100 postgraduate students, and has been designated as an EU Large Scale Research Facility for research excellence. Institute of Aquaculture staff work closely with the aquaculture industry throughout the world with collaborative projects in more than 20 countries. We believe that research led teaching is essential.



Broodstock spawning tanks at the Institute's research facilities



Knowledge of aquatic animal biology sets the scene for advanced learning

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