

# MSc Aquaculture, Environment & Society-STAR



Join Europe's Top-Rated  
Erasmus Mundus Joint  
Aquaculture Master's Degree

[www.emm-aces.org](http://www.emm-aces.org)

# Joint Master course for tomorrow's leaders in global aquaculture

- **Two-year** aquaculture Master's programme
- Three six-month semesters based in centres of excellence in **Scotland, Greece & France**, followed by a **6-month dissertation** with an affiliated partner of your choice
- **63 affiliated partners** based all over the world offering guest scholars, industry placement & dissertation projects
- **Preparation** for a successful career in aquaculture
- **Industry-led research** programmes, internships & fieldwork
- Choice of **3-month industry placements** in semester 2
- **Build lasting networks** from around the world - a truly international programme



## Study aquaculture in three centres of European aquaculture research & teaching excellence

**Scottish Association for Marine Science (SAMS)**, partner of UHI  
Oban, Scotland

**Nantes Université**  
France  
**University of Crete**  
Greece

### What our students say...

*"Being able to research & explore shellfish & finfish aquaculture in various countries in Europe through the ACES programme has been an unforgettable experience. The knowledge shared between fellow classmates & also the experts in academia & industry has allowed me to continue to grow my networks & friendships. I'm so grateful for being accepted onto the ACES programme, as it helped me springboard my career in fish health."*

**ACES 2020 alumni Aaliyah Malla**

### Careers

Our ACES-STAR programme equips graduates with the necessary skills to work in senior management roles in a wide range of settings, including fin & shell-fish farms, environmental & regulatory organisations, international trade organisations & non-governmental organisations. Career paths can include company management, policy & strategy, project development, applied research & stakeholder partnerships.

The ACES-STAR programme is geared towards developing professional practice & policy. Close links with the aquaculture industry & legislators are central to this programme. Our objectives explicitly promote the interests of the industry & cooperation with other professionals.

# Prepare for a successful career in aquaculture

## Semester 1

### LOCATION:

Scottish Association for Marine Science (SAMS), Scotland

### MODULES:

Overview of Global Aquaculture  
Aquaculture Environmental Interactions

### OPTIONAL (ONE)

Innovation, Technology & Systems  
Aquaculture Governance & Society  
Managing Biological Lifecycles – Micro & Macroalgae

## Semester 2

### LOCATION:

University of Crete, Greece

### MODULES:

Managing Lifecycles in Captivity: Finfish biology, nutrition, & reproduction  
Fish Quality – Environmental & Genetic Components

Professional & Entrepreneurial Skills, including a 3-month internship

### OPTIONAL (ONE)

Fish Welfare & Disease Management  
Environmental Impact Assessment for Aquaculture

## Semester 3

### LOCATION:

Nantes Université, France

### MODULES:

Shellfish Lifecycle  
Marine Product Safety

### OPTIONAL (ONE)

Refinement & Development of Marine Natural Products  
Food Composition, Trophic Transfer & Human Nutrition

## Semester 4

### LOCATION:

Students are able to choose a dissertation project either at one of the partner or affiliated partner universities or research institutes, based on their choice of topic & availability of staff with the relevant research expertise.

### MODULES:

Dissertation - A 6-month dissertation will help students to investigate & evaluate a chosen aspect of the aquaculture industry.

### Entry Requirements

**Bachelor degree** (or equivalent; second class or higher at Honours level) in **one of the fields of biological or environmental sciences**. An appropriate background could include; **aquaculture-related studies, marine science and/or resources, aquatic biology, biology, or environmental sciences linked to the field of marine science & fisheries**.

For non-UK students, a **Secure English Language Test (i.e. IELTS) certificate** (applicants must achieve an overall score of 6.5 in this test & a minimum of 6.0 in all four components).

We particularly welcome applications from mature students and/or those with practical working experience in the aquaculture industry.

We strive to promote equal & inclusive access to all participants & we welcome applications from students with individual needs, including mental, physical, visual, hearing & learning disabilities & speech impediments.

If you would like to discuss this further please contact our team by emailing [aces@sams.ac.uk](mailto:aces@sams.ac.uk).



## Apply

If you wish to apply for a place on this programme which starts September, please contact us at [ACES@sams.ac.uk](mailto:ACES@sams.ac.uk). Applications from EU and non-EU applicants are welcome – the course is aimed at students from all over the world.

The closing date for Erasmus Mundus Scholarship applications is typically February. The closing date for all other students is in August. Please see our website for more details.

## Fees and Scholarships

The cost of tuition fees per academic year is €5000 for international/non-EU students and €2500 for EU/UK students.

We have a number of Erasmus Mundus scholarships, funded by the EACEA of the European Union, which will meet the cost of tuition fees and provide a contribution towards travel and daily living expenses. Please note: Erasmus Mundus scholarships are subject to availability. For more information please email [aces@sams.ac.uk](mailto:aces@sams.ac.uk).

## Contact Us

We are here for you!  
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[www.emm-aces.org](http://www.emm-aces.org)

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