

Aquaculture, Environment and Society (ACES+ 2021)



Radboud
University



UNIVERSITÉ DE NANTES



University of the
Highlands and Islands
Oilthigh na Gàidhealtachd
agus nan Eilean

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Fully funded scholarships
Great employment opportunities
Study in four European countries
Build lasting networks all over the world



Co-funded by the Erasmus+
Programme of the European Union

www.emm-aces.org

ACES Master @AquaStudents

I know for a fact ACES was a key for me getting a job in aquaculture because my boss was impressed with the qualification and all my experiences abroad. She called me the same day I applied to schedule an interview. I had only been back to Brazil for one month.

ACES graduate
Patricia Alves Pereira



This 2-year Joint Master Degree is among the top European programmes aimed at training tomorrow's leaders in the specialist and practical skills needed for the development of a global and sustainable aquaculture industry

Why study aquaculture?

To provide for a growing human population we will need to grow more food. Seafood is particularly healthy and fish-farming is more energy efficient than farming other livestock. As the fastest growing animal production sector, aquaculture must grow sustainably, which needs new species and innovations in feed supply, space and environmental impacts. A career in aquaculture means solving these challenges!

What will you learn?

This programme addresses the major scientific, technological and social obstacles facing the sustainable development of the aquaculture industry. Students gain practical, professional and communication skills for senior management careers in the aquaculture industry or in environmental, governmental and international trade organisations.

International partnerships

The course has an international ethos, from student recruitment, to course content and the team of educators. The programme is led by four European universities with expertise in aquaculture: the Scottish Association for Marine Science (part of the University of the Highlands and Islands), the University of Crete (Greece), the University of Nantes (France) and Radboud University (Netherlands). More than 25 academic institutes and businesses worldwide will also contribute expertise to the course, including the United Nations University and the international fish producer Marine Harvest.

How to apply

Applicants should have a relevant bachelor degree or equivalent and proven English competence. They need to submit an application form, a Curriculum Vitae, a professional reference, and copies of their passport, degree certificate, transcript of marks and copy of IELTS English test result. Documents in languages other than English must be accompanied by certified translations.

Please visit our website for further details: www.emm-aces.org

Fully funded scholarships

Erasmus Mundus scholarships cover tuition fees and provide a contribution towards travel and daily living expenses. Students of any nationality are welcome to apply - the EMJMD ACES+ is a truly international programme!

Semester 1: Scotland

- + Overview of Global Aquaculture
- + Environmental Interactions of Aquaculture

Optional (choose one):

- + Governance, Management and Knowledge Exchange
- + Innovation, Technology and Systems
- + Managing Biological Lifecycles - Micro and Macroalgae

Semester 2: Crete

- + Managing Lifecycles in Captivity
- + Fish Quality - Environmental and Genetic Components
- + Professional and Entrepreneurial Skills
- + Fish Welfare and Disease Management
- + Environmental Impact Assessment for Aquaculture Projects

Semester 3: France

- + Shellfish Lifecycle
- + Marine Product Safety

Optional (choose one):

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

Semester 4 + Dissertation

The last semester is an individual industry-based research project jointly supervised by a course lecturer and a scientist at the host partner. Dissertations will be presented at a final course conference hosted by a programme partner.