

Master Aquaculture and Marine Resource Management

at Wageningen University



The course 'Advanced Statistics' is compulsory for all MAM students. Next to that you will select two of the three **general courses** below, based on your prior knowledge.

- Life History of Aquatic Organisms
- Marine Systems
- Trends in Aquaculture

In the **electives**, you can choose courses from any relevant MSc programme from WUR or other universities (subject to approval). The combination of specialisation and elective courses gives you the opportunity to graduate with a profile that is tailor-made to your specific interests.

During your **thesis** you will do a research project at one of Wageningen University's chair groups. The thesis is carried out within your specialisation.

More information about chair groups:
www.wur.nl/en/Research-Results/Chair-groups.htm

You will choose one of three **specialisations**:

- Aquaculture
- Marine Resources and Ecology
- Marine Governance

Within your specialisation you can choose your own direction by selecting specialisation courses that fit your interests.

For **Academic Master Cluster** you can choose between ACT+MOS or RMC.


In **Academic Consultancy Training (ACT)** you will do a consultancy project for a client outside of WUR, in a group of students from different master's programmes. You will combine this with **Modular Skills Training (MOS)**. MOS focuses on professional skills that are necessary for graduates to function in jobs at MSc level. You can choose skills that you want to develop, like scientific writing, negotiation/management/entrepreneurial skills, career development and planning; etc.


If you aspire a research career, you can choose **Research Master Cluster (RMC)** instead of ACT+MOS. During RMC you will write your own PhD proposal under supervision of a coach.

During your **internship** you will work for an organisation outside of Wageningen university. This way, you will gain some work experience. The internship is carried out within your specialisation. You can choose to do your internship abroad.

Instead of an internship you can choose to do a **Research Practice**. This is a research project at a chairgroup of WUR with additional learning outcomes related to career preparation and personal development.

More info:

 www.wur.eu/mam

 mam@wur.nl

Specialisation Aquaculture

In this specialisation you will learn to design optimal and sustainable production systems of for example finfish, shrimp, shellfish, corals and algae. These organisms can be cultured in many environments: from sea enclosures to semi-extensive ponds and high-tech recirculation systems. You will learn to maintain the biological, physical and chemical integrity of water bodies. Moreover, you will learn about animal physiology and economic and social driving factors of aquaculture.

Compulsory course:

Choose at least one of these courses:

Thesis and internship chair groups:

Specialisation Marine Resources and Ecology

This specialisation focuses on the sensitivity of marine ecosystems in relation to human interventions like fisheries, climate change and habitat destruction. You will learn about ecology, models of population dynamics and fishing yield, international regulations, management tools and economic driving forces in order to sustainably manage the living resources in the sea.

Compulsory course:

Choose at least one of these courses:

Thesis and internship chair groups:

Specialisation Marine Governance

This specialisation focuses on the sustainable governance and economics of marine and coastal systems. You will analyse the goals and strategies of commercial enterprises, international institutions and non-governmental and governmental organisations. You will develop alternatives and evaluate their effects in relation to the organisations and ecosystems involved.

Compulsory course:

Choose at least one of these courses:

Thesis and internship chair groups: