

Master Aquaculture and Marine Resource Management

at Wageningen University

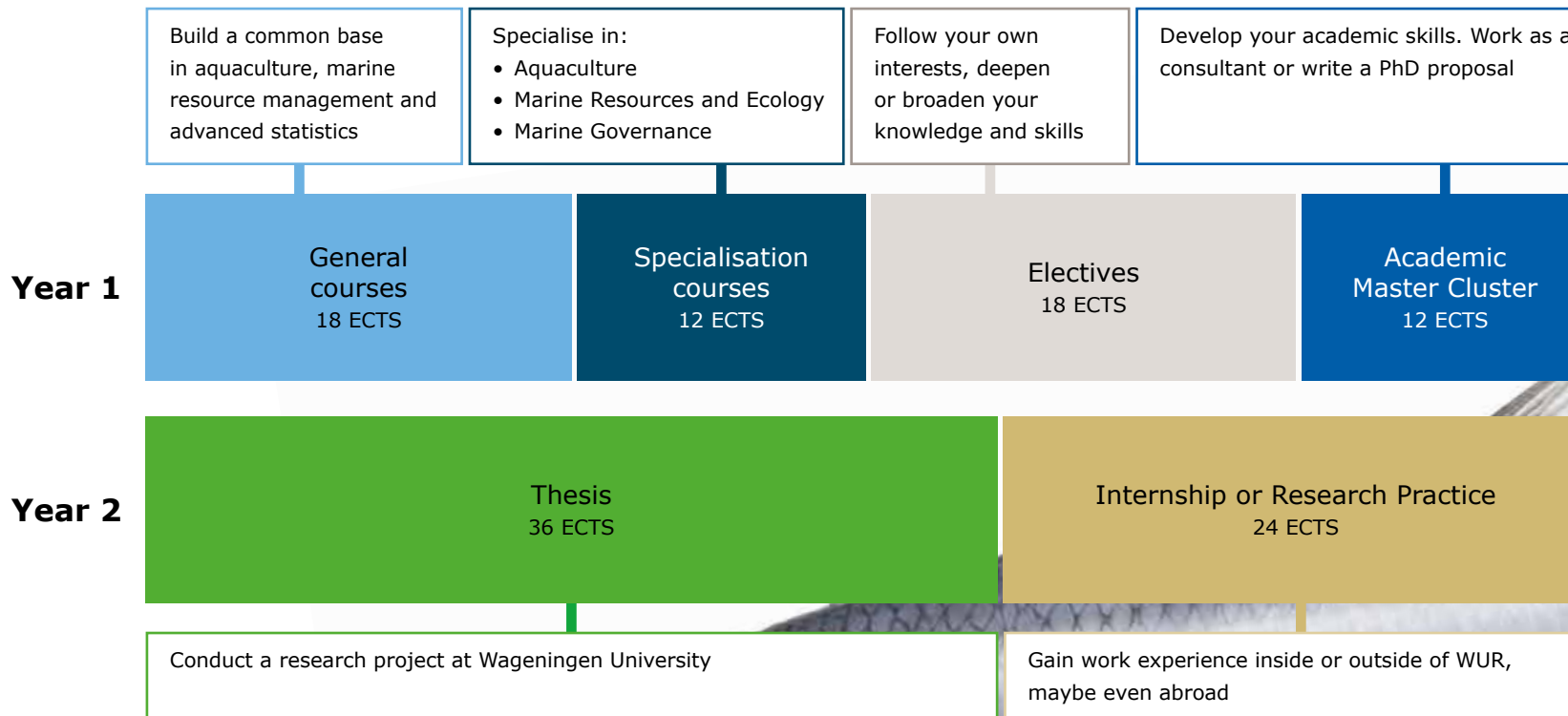
More info:



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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:

Aquaculture Production Systems

Choose at least one of these courses:

Seaweed Biology and Cultivation

Nutrition and Health in Aquaculture

Frontiers in Animal Health

Population and Quantitative Genetics

Thesis and internship chair groups:

Cell and Developmental Biology

Aquaculture and Fisheries

Host-Microbe Interactomics

Animal Breeding and Genomics

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:

Marine Resources Management

Choose at least one of these courses:

Fisheries Ecology

Complexity in Ecological Systems

Water Quality

Environmental Toxicology

Marine Animal Ecology

Thesis and internship chair groups:

Aquaculture and Fisheries

Aquatic Ecology and Water Quality

Toxicology

Marine Animal Ecology

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:

Marine Resources Management

Choose at least one of these courses:

Natural Resource Economics

Marine Governance

Designing Governance Arrangements

Global Trade Law

Thesis and internship chair groups:

Environmental Economics and Natural Resources

Environmental Policy

Public Administration and Policy

Law