

Aquaculture and Aquaculture related M.Sc. programs in Iceland

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The Bologna process

- New University laws in 2006
- Quality framework
- ECTS
- Learning outcomes for programs and courses
- Accreditation of all programs - 2007

M.Sc. in Iceland

- Two main strategies
- A research based M.Sc.
 - Large research project 60 – 90 ECTS
 - Courses 30 – 60 ECTS
- A course based M.Sc
 - A selection of topic related courses
 - Small research project 15 – 30 ECTS

Aquaculture related programs in Iceland

- Research based M.Sc.
 - University of Akureyri – 120 ECTS, students can select aquaculture related projects.
 - University of Iceland, biology – 120 ECTS, students can select aquaculture related projects.
 - Hólar University College, M.Sc. aquatic biology. 120 ECTS, special focus on aquaculture
- Course based M.Sc.
 - Coastal and marine management –University Center of the Westfjord and UofA – 120 ECTS, 1,5 years
 - Short courses (3 weeks – 6 ECTS) given by specialists on various topics related to the field. Total 90 ECTS
 - 7 mandatory
 - 7 elective
 - Elective course on Aquaculture
 - Small research project (30 ECTS). Students can select aquaculture as their field of study

Aquatic biology at Hólar University College

- Started in 2008
- In English
- Tuition \approx 300 Euro per year
- Research based,
 - Number of student related to research grants
 - 2008 – 2009 – 5 students
- Large research project 90 ECTS
 - Three of the students are working on projects related to aquaculture.
- 30 ECTS course work required
 - 2 mandatory, Scientific methods, student seminars
 - Elective

Courses

- Taught in batches 3 – 5 days at a time
- Mandatory
 - Thesis – 60 – 90 ECTS
 - Graduate seminar in Aquatic Biology – 2 ECTS
 - Methods of Scientific Research – 10 ECTS

- Elective
 - Topics in Aquatic Biology – 10 ECTS
 - Topics vary and the course rotates among the faculty
 - Literature study in Aquatic Biology – 10 ECTS
 - Research Project in Aquatic Biology – 10 ECTS
 - Developmental Biology of Fishes and Larviculture – 10 ECTS
 - Development of Aquaculture – 10 ECTS
 - In collaboration with EU Fisheries Training Program
 - Fish Physiology – 10 ECTS
 - NOVA