

**Programme Plan MSc. Fishery Science and Aquaculture  
(valid from summer semester 2011)**

<b>Compulsory elective modules (Basics, 4 hours per week of the semester, 6 credits each)</b>	<b>Run of the module</b>	<b>Semester*</b>
Ecology of Fish (a)	Classical	WS 1
Applied Limnology (Limnology II) (a)	Block	SS 1
Systematics and Evolution of Fish (a)	Classical	WS 2
Physiology of Fish Reproduction (a)	Classical	SS 1
Fishery Engineering and Fishing Gear (b)	Classical	WS 1
Management of Fish Communities (b)	Classical	WS 2
Methods of Fisheries Science (b)	Classical	WS 1
Aquaculture of Cyprinids (c)	Classical	WS 1
Microbial Diseases (Fish Pathology I) (c)	Classical	WS 1
Special and Tropical Aquaculture (c)	Classical/Block	WS 2
Aquaculture of Salmonids (c)	Classical/Block	WS 2

<b>Compulsory elective modules (In-depth, 4 hours per week of the semester, 6 credits each)</b>	<b>Run of the module</b>	<b>Semester*</b>
Aquatic Microbial Ecology (a)	Classical	WS 1
Ecology and Systematics of Plankton and Benthos (a)	Classical	SS 1
Phycology (a)	Block	SS 1
Tropical Fish Communities (a)	Classical	WS 2
Water Chemistry (a)	Classical	WS 2
Fish Behaviour and Evolution (a)	Classical	WS 2
Experimental Fish Biology (a)	Block	WS 2
European, World Sea and Inland Fisheries-Aims, Efficiency, Conflicts and Legal Regulation (b)	Classical	SS 1
Protection of Endangered Species (b)	Classical	SS 1
Recreational Fisheries (b)	Classical	SS 2
Fish and Fisheries Sampling Techniques (b)	Block	SS 1
Aquaculture of Additional Species (c)	Classical/Block	SS 2
Fish Nutrition (c)	Classical	SS 1
Reproduction of Ornamental Fishes (c)	Classical	SS 1
Metazoan Fish Parasites (Fish Pathology II) (c)	Classical	SS 2
Genetics and Breeding of Fish (c)	Classical	SS 2
Environmental Stress of Fish (c)	Classical	SS 2

\* The modules are offered every 4<sup>th</sup> semester, starting in the winter semester 2006/07 = WS 1, followed by the summer semester = SS 1.

- 5 compulsory elective modules (Basics) to be chosen, at least one per each complex:

a. Limnology/Ichthyology

b. Fishery Management

c. Fish Breeding and Fish Pathology

- 5 compulsory elective modules (In-depth).

- 3 free-choice modules (or 4 if student project is dropped): To be selected from the list of compulsory elective modules, or from other MSc programs of this Faculty, or from equivalent offers of other Faculties.

- Student project: 3<sup>rd</sup> semester; if dropped, one more compulsory elective module (In-depth) and one more free-choice module.

- Master's Thesis (4<sup>th</sup> semester).