

## A05 Aquaculture in the tropics and subtropics

<b>Module</b>	<b>Aquaculture in the tropics and subtropics</b>							
<b>Code</b>	<b>A05</b>							
Coordinator	Prof. Dr. G. Hörstgen-Schwark							
Language	English							
Stud. Workload	180h (56h contact time)							
Credits	6 ECTS							
Frequency (WS/SS)	SS							
Instructor	Prof. Dr. G. Hörstgen-Schwark							
Contents	<p>This module provides an introduction to aquaculture in the tropics and subtropics with a focus on fresh-water fish farming. This resource can be managed independently or integrated with other ecological and socioeconomic aspects. The module covers:</p> <ul style="list-style-type: none"> <li>- biological and ecological principles</li> <li>- aquaculture and aqua-agriculture systems</li> <li>- tropical fish candidates and their performance in relation to production systems</li> <li>- specific breeding and raising methods</li> <li>- functions and products of aquaculture</li> </ul>							
Objectives	Students get to know basic principles of aquaculture and the ecological and socio-economic aspects of this resource utilization. They see the functions of aquaculture in system relationship and know the distinct utilisation variants. They are capable of analysing the advantages and disadvantages of the different aquaculture systems and are able to evaluate the possibilities of a sustainable intensification of such systems in a multidisciplinary approach.							
Literature	Lecture based notes							
Study system usability	Economy		Organic		Tropical			
	E		E		M			
Entrance requirements	Basic knowledge of animal sciences							
Instruction type	Lecture	Seminar	Excursion	Practice	Tutorial	Project		
Duration [contact h]	42		8		6			
Examination type	Oral test	Written test	Homework	Sem. speech	Protocol	Work report	Proj. report	Proj. pres.
	x							
Grade composition	100% oral test							