

Georg-August-Universität Göttingen Universität Kassel/Witzenhausen Module M.SIA.A05: Aquaculture in the tropics and subtropics		6 C 4 WLH
Learning outcome, core skills: 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 relationships 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.		Workload: Attendance time: 56 h Self-study time: 124 h
Course: Aquaculture in the tropics and subtropics (Lecture, Excursion, Exercise) <i>Contents:</i> 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: <ul style="list-style-type: none"> • biological and ecological principles; • aquaculture and aqua-agriculture systems; • tropical fish candidates and their performance in relation to production systems; specific breeding and raising methods; • functions and products of aquaculture. Vorlesungsbegleitende Materialien		4 WLH
Examination: Written examination (90 minutes) M.SIA.A05.Mp: Aquaculture in the tropics and subtropics Examination requirements: Knowledge of the biological and ecological aquaculture in the tropics, the various aquaculture systems, as well as integrated agri-aquaculture systems. Knowledge about tropical fish species and their production efficiency in relation to production systems, as well as knowledge of specific breeding and husbandry practices and socio-economic functions and products of aquaculture.		6 C
Admission requirements: none	Recommended previous knowledge: Basic knowledge of animal sciences	
Language: English	Person responsible for module: Prof. Dr. Jens Tetens	
Course frequency: each summer semester; Göttingen	Duration: 1 semester[s]	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students: 30		

Additional notes and regulations:

Literature:

Lecture based notes.