

A11 Tropical Animal Husbandry Systems

Module	Tropical Animal Husbandry Systems							
Code	A11							
Coordinator	Prof. Dr. E. Schlecht							
Language	English							
Stud. Workload	180h (60h contact time)							
Credits	6 ECTS							
Frequency (WS/SS)	WS							
Instructors	Prof. Dr. E. Schlecht, Dr. A. Schiborra							
Contents	<p>This module provides an extensive overview on the different forms of animal husbandry systems in developing and transformation countries of Africa, Asia and Latin America, ranging from camel nomadism in deserts to beef ranching and intensive dairying in tropical highlands.</p> <p>The system-specific strategies of livestock management are analysed in view of their ecological and economic sustainability. The (potential) interactions of livestock with other components of the farming system are explored, thereby differentiating between market and subsistence oriented systems.</p> <p>The role of additional factors influencing livestock production systems such as cultural, social, economical and political frame conditions are discussed.</p>							
Objectives	<p>Students are able</p> <ul style="list-style-type: none"> - to understand the impact of the natural and economic environment on the evolution of different types of husbandry systems as well as on their orientation and intensity of production; - to gain understanding for parameters that have to be considered when aiming at improvement of livestock husbandry systems within a given framework; - to individually analyse and present a specific tropical livestock production system. 							
Literature	<p>Delgado, C., Rosegrant, M., Steinfeld, H., Ehui, S., Courbois, C. 1999: Livestock to 2020. The next food revolution. FAO Discussion Paper 28, FAO Rome, Italy; Devendra, C., Thomas, D., Jabbar, M.A. and Zerbini, E., 2000: Improvement of Livestock Production in Crop-Animal Systems in Agro-ecological Zones of South Asia. ILRI, Nairobi, Kenya; Falvey, L., Chantalakhana, C. (eds) 1999: Smallholder Dairying in the Tropics. ILRI, Nairobi, Kenya.</p>							
Study system usability	Economy		Organic		Tropical			
	E		E		C			
Entrance requirements	Basic knowledge (B.Sc. level) of plant and animal sciences or agricultural economics							
Instruction type	Lecture	Seminar	Excursion	Practice	Tutorial	Project		
Duration [h]	50	10						
Examination type	Oral test	Written test	Homework	Sem. seech	Protocol	Work report	Proj. report	Proj. pres.
		x		x				
Grade composition	75% written test, 25% oral seminar presentation							