

Georg-August-Universität Göttingen Universität Kassel/Witzenhausen Module M.SIA.P22: Management of tropical plant production systems	6 C 4 WLH
Learning outcome, core skills: Knowledge of botanical, ecological and agronomic facts of presented crops and cropping systems. The students should be able to classify crops and cropping systems in relation to site conditions and undertake system-orientated evaluation of sustainable production.	Workload: Attendance time: 60 h Self-study time: 120 h
Course: Management of tropical plant production systems (Lecture) <i>Contents:</i> Presentation of the most important crops with respect to: botany, morphology, origin, climatic and ecological requirements, crop production, harvest procedure, significance in local farming systems, utilisation as food, feed, raw materials and as bioenergy source. Discussion of specific cropping systems in the tropics and subtropics and specific management systems for the sustainable improvement of productivity. Literatur Rehm, S., Espig, G. 1991: The Cultivated Plants of the Tropics and Subtropics. Verlag Josef Margraf. Weikersheim, Germany; lecture notes	4 WLH
Examination: Written exam (90 minutes) or oral exam (ca. 30 minutes) M.SIA.P22.Mp: Management of tropical plant production systems Examination prerequisites: Crops and production systems in the tropics Examination requirements: Knowledge of botanical, ecological and agronomic facts of the presented crops and cropping systems. Knowledge of the assignment of crops and cropping systems to different site conditions, as well as system-oriented evaluation of sustainable production at selected sites.	6 C
Admission requirements: Basic knowledge on plant production (BSc-level)	Recommended previous knowledge: none
Language: English	Person responsible for module: Prof. Dr. Reimund P. Rötter
Course frequency: each winter semester; Göttingen	Duration: 1 semester[s]
Number of repeat examinations permitted: twice	Recommended semester:
Maximum number of students: 30	
Additional notes and regulations: exam on the first examination, oral exam on the second examination	

Literature:

Rehm, S., Espig, G. 1991: The Cultivated Plants of the Tropics and Subtropics. Verlag Josef Margraf. Weikersheim, Germany; lecture notes