

Georg-August-Universität Göttingen		3 C
Module M.Cp.0014: Plant Nutrition and Plant Health		2 WLH
Learning outcome, core skills: Knowledge of and ability to present the presented topics in their context: development of nutritional and processing quality in different crop plants; quality requirements and ways of realization by crop production methods.		Workload: Attendance time: 28 h Self-study time: 62 h
Course: Plant Nutrition and Plant Health (Lecture, Seminar) <i>Contents:</i> Nutrient uptake and transport in the plant; function of different nutrients in the plant especially with respect to plant health (susceptibility, tolerance, resistance); mechanisms to increase the efficiency of nutrient availability, uptake and use; characteristics of plant health, effect of nutrient imbalances on plant metabolism and development of plant harvest products, the nutrient concentrations and processing quality.		2 WLH
Examination: Written examination (90 minutes) Examination requirements: Understanding the relationship between plant nutrition and plant health and its significance in the value-added food chain.		3 C
Admission requirements: none	Recommended previous knowledge: none	
Language: English	Person responsible for module: Prof. Dr. Klaus Dittert	
Course frequency: each winter semester	Duration: 1 semester[s]	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students: 25		