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| <b>Georg-August-Universität Göttingen</b>   |  | 3 C  |
| <b>Module M.Cp.0014: Plant Nutrition and Plant Health</b>   |  | 2 WLH  |
| <b>Learning outcome, core skills:</b><br>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.  |  | <b>Workload:</b><br>Attendance time:<br>28 h<br>Self-study time:<br>62 h |
| <b>Course:</b> M.Cp.0014.LV <b>Plant Nutrition and Plant Health</b> (Lecture, Seminar)<br><i>Contents:</i><br>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  |
| <b>Examination: Written examination (90 minutes)</b><br>M.Cp.0014.Mp: Plant Nutrition and Plant Health<br><b>Examination requirements:</b><br>Understanding the relationship between plant nutrition and plant health and its significance in the value-added food chain.   |  | 3 C  |
| <b>Admission requirements:</b><br>none  | <b>Recommended previous knowledge:</b><br>none                   |  |
| <b>Language:</b><br>English   | <b>Person responsible for module:</b><br>Prof. Dr. Klaus Dittert |  |
| <b>Course frequency:</b><br>each winter semester  | <b>Duration:</b><br>1 semester[s]                                |  |
| <b>Number of repeat examinations permitted:</b><br>twice  | <b>Recommended semester:</b>                                     |  |
| <b>Maximum number of students:</b><br>25  |  |  |