Georg-August-Universität Göttingen **Module B.MES.1114: Forest Pathology**	6 C 4 WLH

Learning outcome, core skills: Recognition of forest damages and choosing the right control method are the basic skills of a forester. This course provides the student with an understanding of the most important fungal diseases and how they are controlled in forest ecosystem. After this course the student knows the most important abiotic environmental factors affecting forest systems, recognize the most important fungal diseases and understands their impact to forest trees, as well as understands the epidemiology of these diseases. The student also understands other than pathogenic interactions between fungi and forest trees. The course consists of lectures and lab practices.	**Workload:** Attendance time: 56 h Self-study time: 124 h

Course: B.MES.1114.Lec **Basics of forest pathology (Lecture, Lab course)**	4 WLH
Examination: Written examination (90 minutes) B.MES.1114.Mp: Forest pathology **Examination prerequisites:** Term paper (max. 10 pages)	6 C

Examination requirements: • Knowledge of the most important abiotic environmental factors affecting forest systems • recognize the most important fungal diseases • can choose right control method • understands how different damages affect to individual tree and to forest level • understands the epidemiology of different fungal diseases • understands other than pathogenic interactions between fungi and forest trees • can isolate pathogen from wood material in the laboratory • can use microscope to recognize root rot fungi	

Admission requirements: none	**Recommended previous knowledge:** none
Language: English	**Person responsible for module:** Prof. Dr. Eeva Terhonen
Course frequency: each winter semester	**Duration:** 1 semester[s]
Number of repeat examinations permitted: cf. examination regulations	**Recommended semester:** 3
Maximum number of students: 25	