

Modulbezeichnung	Pathological Histology of Plants (Pathologische Histologie der Pflanzen)	
Semester	WPM	
ECTS-Punkte (Dauer)	5,10 (2 Semester)	
Art	Wahlpflichtmodul	
Studentische Arbeitsbelastung	30 h Kontaktzeit + 270 h Selbststudium	
Voraussetzungen (laut MPO)		
Empf. Voraussetzungen		
Verwendbarkeit	MaALS	
Prüfungsform und -dauer	Predominantly independent project thesis: oral examination and written documentation	
Lehr- und Lernmethoden	Projekt	
Modulverantwortlicher	G. Kauer	
Qualifikationsziele		
By predominantly independent project thesis, the student is therefore held to work autonomously in scientific questions. He not only exercises good laboratory practice but will furthermore gain knowledge and skill for his masterthesis and scientific publications. Thorough knowledge in anatomy, histology, biotechnical usability or environmental resp. agricultural meaning of the object, mainly diseased organs, being investigated is achieved. The student applies methods of differential diagnosis as well as appropriate procedures in analysis, documentation and annotation (image processing and analysis)		
Lehrinhalte		
With self-chosen subjects on current topics in the area of main research and/or technological focus, the student works, under scientific guidance, on predominantly self-chosen issues in the fields of pathological anatomy and histology preferably of cultivated and/or agricultural plants. Fungal infections or other diseases may be investigated, in case biological material is present. The offered projects may be upon consultation and depend on availability of biological material and time resources of the supervising professor.		
Literatur		
Romeis, Mikroskopische Technik, Springer-Verlag 2010 Nultsch, Allgemeine Botanik, Thieme, 2012		
Lehrveranstaltungen		
Dozent	Titel der Lehrveranstaltung	SWS
G. Kauer	Project Pathological Histology of Plants (Projekt Pathologische Histologie der Pflanzen)	4