

Module Name	Theory of ecosystem dynamics and decomposing systems
Identification code	CAU-401 AEF412 (QIS-registration for examination) 87100
Subtitle	
Courses embedded	
Term	Year 2 - Period P4d
Coordinator	W. Windhorst
Teachers	M. Zimmer, W. Windhorst
Tuition language	EN
Programme involvement	EMAE: Compulsory
Teaching form, contact time per week class size	Lecture: 60h 20
Workload overall	180h
Contact time	90h
ECTS credit points	6
Preconditions prescribed	
Prerequisites recommended	
Learning outcomes	Students understand the direct and indirect interactions of biomass production in ecosystems. They are able to identify the key decomposers and to describe their position in the decomposing network, as well as their reactivity on changing constraints.
Content	Interaction of production and decomposition in ecosystems, relevance of decomposition for the functioning and resilience of ecosystems, indication of indirect effects of ecosystem uses, comparative analysis of decomposing networks from different ecosystems.
Assessment	written: 100%
Teaching media	
References	
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