

Module title		Abbreviation
Sustainability Concepts and Assessment		10-I-NuB-212-m01
Module coordinator		Module offered by
Dean of Studies Informatik (Computer Science)		Institute of Computer Science
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
In this module, we get to know basic concepts of sustainability and we learn how to assess the sustainability of technical systems. Applications from the specialization areas of this study program yield practical examples of systems and their interactions.		
Intended learning outcomes		
The students know and understand concepts for achieving sustainability and approaches for evaluating the sustainability of technical systems. They understand conflicts and compromises for achieving sustainability. The students get aware of contradicting goals in the sustainability discussion. They can transfer their knowledge to practical examples in order to apply and evaluate sustainability concepts for problem areas from the specializations of this study program.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60-120 minutes) if announced by the lecturer, the written examination can be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups (groups of 2, approx. 15 minutes) creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
Teaching cycle: every year, summer semester		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Computer Science und Sustainability (2021)		