Module Card

Master Resource Efficiency in Architecture and Planning HCU Hamburg

Module Number	Module Name	Type (C/CE/E)	Semester (proposed	
REAP-M-Mod-101	Facets of Sustainability	C	(proposed 1.	Prof. Irene Peters
	Subject Area			Duration
Fundamentals and Methods				1 semester
CP (according to ECTS)		Contact Hours/Week (SWS)		Self-study
5 CP (= 150 h workload)		2 (=21h contact hours)		129h
Objectives and Con	ents			
Objective of Qualification	ation (competencies)			
A notion of	he concept of natural resource flows	(e.g., carbon cy	cle, urban hydro	logy, phosphorus cycle)
growth tren parts of the Knowledge Basic notion	numeracy": Knowledge of key data (e ds, statistical reach of fossil fuel reson world), capability of estimating them of international political efforts to pro- of different disciplinary approaches	urces, per capita in broad strokes mote sustainabili	energy and wa and performing ty.	ter consumption in different computations with them.
ecology, ec Contents				
and forest r science fou The role of How sustain bility literatu plinary appr Sustainabili	selected global ecological sustainab esources; habitat fragmentation; pers ndations (at high school diploma leve numan activities in creating these def nability and sustainability deficits have re (e.g., Malthus, Carson, Schumach oaches for the analysis of the sustain ty politics: Guiding principles and active vels (Agenda 21, Green communities	sistent organic po ficits: Historically e been perceived her, Club of Romo hability theme ion plans the wor	, at present, and dover the last of e, also Lomborg	ith a revisiting of their natural d in scenarios of the future enturies. Classics of sustaina- j); disciplinary and interdisci-
Recommended Liter				
 The United http://www. Materials or 	Nations Report of 1987 <i>Our Common</i> In-documents.net/our-common-future In the Website of the Intergovernmenta Reports https://www.ipcc.ch	e.pdf		CC), f.ex. current Assessment
Teaching and Learni				
	gues and a range of external experts	in the respective	fields), Plenum	, Excursions occasionally
Exam(s)				,
Precondition of Exan	nination			
Type of Examination		Duration of Ex	amination (if wi	ritten or oral exam)
Term paper (S), writt				
Composition of Modu	ile Mark			
S, H = 100%				
Additional Informat	ion			
Previous Knowledge		and content)		
	/ Conditions for Participation (in form			
Applicability of Modu	/ Conditions for Participation (in form			
Applicability of Modu Frequency of Offerin	/ Conditions for Participation (in form			
	/ Conditions for Participation (in form			
Frequency of Offerin	/ Conditions for Participation (in form			
Frequency of Offerin Every winter term	/ Conditions for Participation (in form			