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	С	1.	Prof. Irene Peters
	Subject Area			Duration
Fundamentals and Methods				1 semester
		Contract Llaver		Calfatudi
CP (according to ECTS) 5 CP (= 150 h workload)		Contact Hours/Week (SWS) 2 (=21h contact hours)		Self-study 129h
50		2 (=2111 001		12911
Objectives and Con				
Objective of Qualific	· · ·			
	the concept of natural resource flows (-	
 "Ecological 	numeracy": Knowledge of key data (e.	g., the distributi	on of populatior	across continents and their
growth tren	ds, statistical reach of fossil fuel resour	ces, per capita	energy and wat	ter consumption in different
parts of the	world), capability of estimating them in	broad strokes	and performing	computations with them.
 Knowledge 	of international political efforts to prom	ote sustainabili	ty.	
Basic notion	n of different disciplinary approaches to	wards operatio	nalising the cor	cept of sustainability (e.g.,
	onomics)		3	, , , , , , , , , , , , , , , , , , ,
Contents				
	feelested global apple givel sustainabili	itu doficito (o. a	olimata abango	a depletion of freehwater soil
	selected global ecological sustainabili		-	
	esources; habitat fragmentation; persis		oliutants, etc.) w	ith a revisiting of their natural
	ndations (at high school diploma level)			
	human activities in creating these defic	-	-	
 How sustain 	nability and sustainability deficits have	been perceived	l over the last ce	enturies. Classics of sustaina-
bility literatu	ire (e.g., Malthus, Carson, Schumache	r, Club of Rome	e, also Lomborg); disciplinary and interdisci-
plinary app	oaches for the analysis of the sustaina	bility theme		
 Sustainabili 	ty politics: Guiding principles and actio	n plans the wor	ld has come up	with, at international, national
	vels (Agenda 21, Green communities r		-	
Recommended Liter				
	Nations Report of 1987 Our Common	Euture (Brundt	land Report")	
	un-documents.net/our-common-future.			
	the Website of the Intergovernmental		ate Change (IPC	C) fex current Assessment
	Reports https://www.ipcc.ch			
Teaching and Learni	· · · · · ·			
	, HCU colleagues and a range of exter	nal experts in t	he respective fie	alds
Exam(s)				
Precondition of Exar	nination			
Type of Examination		Duration of Ex	amination (if wr	itten or oral exam)
	ection) (S): Successful completion of	Duration of L/		
several smaller hom				
Composition of Mod		1		
	ades for individual homeworks, after d	ropping the we	rat individual ha	mowork grada
Additional Informat		ropping the wo	ISt mulvidual no	
		and content)		
Fievious Knowledge	/ Conditions for Participation (in form a	and content)		
	1-			
Applicability of Modu	Ie			
-				
Frequency of Offerin	g			
Frequency of Offerin Course Language	g			
	g			