

Program: Green.Building.Solutions. 2017



Program: Green.Building.Solutions. 2017										
		Day	Date	Start	End	Activity / Topic	Hours			
Preparation Work	Mon	03.07.2017	09:00			Start Preparation Work	40			
	Fri	21.07.2017		18:00		End Preparation Work				
Introduction Day										
		Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location	
Introduction & Orientation	Sat	22.07.2017	All day			Arrival in Vienna / Check in			OeAD Passive House Studenthome Gaspasse	
	Sun	23.07.2017	09:00	13:00		Orientation: program overview, intercultural training, introduction	OEAD-Housing Saal 1	4		
				13:00	14:00		Lunch			
				14:00	18:00	Architectural City Tour Vienna	AZW	4		
Week 1										
		Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location	
Module 1: Historical development & Introduction to Green Building Design	Mon	24.07.2017	09:00	10:30		The Architecture of 'Green Buildings' (incl. Active house design bzw. als eigene VO)	G. Reinberg	1,5	BOKU, SR06	
			10:30	11:00		Preparation Time		0,5	BOKU, SR06	
			11:00	12:30		Presentation: Preparation Work	G. Reinberg, K.Stieldorf, P.Horn	1,5	BOKU, SR06	
			12:30	13:30		Lunch				
			13:30	15:00		Presentation: Preparation Work	G. Reinberg, K.Stieldorf, P.Horn	1,5	BOKU, SR06	
			18:00	22:00		TBA, M.Treberspurg, G.Jedliczka	4	Palais Harrach, 1010		
Module 2: Urban Planning and design	Tue	25.07.2017	09:00	10:30		Principles of Passive House Design (Adaption: Historical Development)	M.Treberspurg	1,5	BOKU, SR06	
			10:30	12:00		Climate-sensitive Design	P. Holzer	1,5	BOKU, SR06	
			12:00	13:00		Lunch				
			13:00	14:30		Passive House - International Development	G. Lang	1,5	BOKU, SR06	
			13:00	17:00		Sustainability in Urban Planning	E. Aufhauser, Y. Franz	2,5	BOKU, SR06	
Module 3: Initial project design	Wed	26.07.2017	09:00	12:00		Socioeconomic Parameters of Sustainability	E. Aufhauser, Y. Franz	3	BOKU, SR06	
			12:00	13:00		Lunch				
			13:00	17:00		Visit & Presentation: Seestadt Aspern (OeAD-GreenHouse & PopUp Dorms)	M. Feirer, A. Frankel, C. Bredt, M. Mitterwallner, G. Lang	4	Seestadt Aspern, Aspern IQ, Greenhouse, PopUp Dorm	
			19:00	21:00		Eddy Franzen	2	Tanzschule Eddy Franzen, Jacquingasse		
Module 4: Sustainable materials	Thu	27.07.2017	09:00	10:30		Presentation Project Design Work to Students	G. Reinberg, K. Stieldorf, P. Horn	1,5	BOKU, SR06	
			10:30	12:00		Visit: Project Site	BOKU/TU	1,5	Project Site	
			13:00	14:00		Lunch				
			14:00	17:00		Visit: Weissenseer	C. Müller	3	tba	
Module 5: Construction Ecology	Fri	28.07.2017	09:00	10:30		Wood as construction material	W. Winter (TU)	1,5	BOKU, SR06	
			10:30	12:00		Earth Passive House Construction	R. Meingast	1,5	BOKU, SR06	
			12:00	13:00		Lunch				
			13:00	14:30		Aspects of a circular economy for building material	E. Messow	1,5	BOKU, SR06	
			14:30	17:00		Initial concept design	BOKU/TU	3	BOKU, SR06	
Free Day	Sat	29.07.2017	13:00	16:00		M. Treberspurg	3	Schönbrunn		
Free Day	Sun	30.07.2017			Free Day					
Week 2										
		Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location	
Module 5: Construction Ecology	Mon	31.07.2017	09:00	12:00		Construction Ecology - a key factor for sustainable buildings	Thomas Belazzi	3	TU, HS 7	
			12:00	13:00		Lunch				
			13:00	17:00		Workshop: Construction ecology implementation (Project)	Thomas Belazzi	4	TU, HS 7	
Module 6: Building Physics	Tue	01.08.2017	09:00	10:30		Energy Balance in Buildings	K.Stieldorf (tba)	1,5	TU, HS 7	
			10:30	12:00		Building systems and building physics (title tba)	D. Michulec	1,5	TU, HS 7	
			12:00	13:00		Lunch				
			13:00	17:00		Visit: District Heating & Cooling	G. Baresch	4	Wien Energie-Welt Spittelau, Spittelauer Lände 45	

Module 7: Innovative Energy Technologies	Wed	02.08.2017	09:00	10:30	Heat pumps in green buildings	Andreas Zottl	1,5	AIT
			10:30	12:00	Solar Thermal and its applications	Michael Hartl	1,5	AIT
			12:00	13:00	Lunch			
			13:00	14:30	Photovoltaic systems and its application	Marcus Rennhofer	1,5	AIT
			14:30	16:00	Innovative cooling processes	Markus Brychta, Peneder Businessbau	1,5	AIT
			16:00	18:00	Visit: AIT Energybase	Andreas Zottl	2	AIT
			19:00	21:00	AEMS Panel Discussion: The political and economic situation of Greece and Iceland	Helene Schuberth / Eva H. Önnudóttir / Spyridoula Nezi		Palais Harrach
Module 8: Building Simulations	Thu	03.08.2017	09:00	12:00	Incorporating renewable & innovative energy technologies (Project)	P. Horn (AIT) / FH Technikum	3	TU, HS 7
			12:00	13:00	Lunch			
			13:00	17:00	Workshop: Dynamic Thermal Simulations - Introduction (designPH + PHPP/Polysun tba)	P. Horn (AIT) / FH Technikum	4	TU, HS 7
			19:00	21:00	AEMS Private Panel Discussion: The financial system of the future	Bernard Lietaer / Christian Felber / Bart Jan Krouwel		BOKU
Module 9: Daylight Engineering	Fri	04.08.2017	09:00	12:00	Workshop: Dynamic Thermal Simulations - Deepening	P. Horn (AIT) / FH Technikum	3	TU, HS 7
			12:00	13:00	Lunch			
			13:00	14:30	Application of Simulation on Project	P. Horn (AIT) / FH Technikum	1,5	TU, HS 7
			14:30	17:00	Building Information Modeling	Lars Oberwinter	2,5	TU, HS 7
Module 9: Daylight Engineering	Sat	05.08.2017	09:30	12:30	Daylight Engineering	G. Radinger	3	DUK, Krems
			12:30	13:30	Lunch			
			13:30	16:00	Workshop: Daylight Lab	G. Radinger	2,5	DUK, Krems
			18:00	21:00	Social Activity: "Heuriger"	Krems		Mayer-Resch Heuriger, Krems
Free Day	Sun	06.08.2017			Free Day			
							41,5	

Week 3

	Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location	
Module 10: Indoor & Outdoor Climate	Mon	07.08.2017	09:00	10:30	Comfort in PH by noise control and room acoustics / Comfort and Payback	Robert Schild	1,5	TU, HS 7	
			10:30	12:00	Integrated spatial and energy planning	G. Stöglehner	1,5	TU, HS 7	
			12:00	13:00	Lunch				
			13:00	14:30	Green roofs, green walls and interior greening	Vera Enzi (Verband für Bauwerksbegrünung)	1,5	TU, HS 7	
Module 11: Project design work			14:30	17:00	Project Work	K. Stieldorf, G. Reinberg, P. Horn	2,5	TU TVFA Halle	
			Tue	08.08.2017	09:00	13:00	Project Work	K. Stieldorf, G. Reinberg	4
				13:00	14:00	Lunch			
				14:00	18:00	Project Work	K. Stieldorf, G. Reinberg	4	TU TVFA Halle
	Wed	09.08.2017	09:00	13:00	Project Work (interim presentation)	K. Stieldorf, G. Reinberg, P. Horn	4	TU TVFA Halle	
				13:00	14:00	Lunch			
				14:00	18:00	Project Work	K. Stieldorf, G. Reinberg	4	TU TVFA Halle
	Thu	10.08.2017	09:00	13:00	Project Work	K. Stieldorf, G. Reinberg	4	TU TVFA Halle	
				13:00	14:00	Lunch			
				14:00	18:00	Project Work	K. Stieldorf, G. Reinberg	4	TU TVFA Halle
Final Presentation and Farewell	Sat	12.08.2017	09:00	12:00	Individual Preparation for Project Work Presentation		3		
			12:00	13:00	Break				
			13:00	18:00	Student Project Presentation / Certification Ceremony	G. Zucker, G. Reinberg, M. Treberspurg, K. Stieldorf, P. Holzer, Moderation: P. Schöffman	5	TU Wien Kuppelsaal	
			18:00	21:00	Dinner and Farewell Party			TU Wien Kuppelsaal	
Free Day	Sun	13.08.2017	until	13:00	Check Out				
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PH Palais Harach, Freyung 3, Inner City, 1010 Vienna

Academic Course **Workshop** **Visit** **Cultural Activity** **Project Work** **AEMS events**

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