

Program: Green.Building.Solutions. 2018



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Preparation Work												
Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location					
Mon	June 21	09:00		Start Preparation Work								
Fri	July 21		18:00	End Preparation Work		40,0						
Introduction Day												
Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location					
Sat	July 21	All day		Arrival in Vienna / Check in			OeAD Molkereistraße Passive House Student Residence					
Sun	July 22	09:00	13:00	Orientation: program overview, intercultural training, and introduction	N. Morishita & B. Mayr	4,0	OeAD Housing Office, Ebendorferstraße 7, 1010 Vienna					
		13:00	14:00	Lunch								
		14:00	18:00	Architectural City Tour Vienna	AZW	4,0	TBA					
						8,0						
Week 1												
Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location					
Module 1: Historical Development & Introduction to Green Building Design	Mon	July 23	08:00	09:00	Pick-up from dormitories to go the BOKU	Tutors		Dormitories				
			09:00	10:30	The Architecture of 'Green Buildings' and Active House Design	G. Reinberg	1,5	BOKU SR06, SR09				
			10:30	12:00	Student Presentations: Preparation Work	K. Stieldorf, G. Reinberg, P. Horn	1,5	BOKU SR06, SR09				
			12:00	13:00	Lunch							
			13:00	16:30	Student Presentations: Preparation Work	K. Stieldorf, G. Reinberg, P. Horn	3,5	BOKU SR06, SR09				
			18:00	22:00	Evening Reception with Keynote Speech	H. Kromp-Kolb, M. Treberspurg, G. Jedliczka, moderation Michael Bauer-Leeb	4	Palais Harrach, Freyung 3, 1010 Vienna				
Module 2: Initial project design	Tues	July 24	09:00	10:30	Principles and Historical Development of Passive House Design	M. Treberspurg	1,5	BOKU SR06, SR09				
			10:30	12:00	Circular Economy	M. Huber-Humer	1,5	BOKU SR06, SR09				
			12:00	13:00	Lunch							
			13:00	14:30	Project Design Work Introduction, Student Groups and Guidelines	K. Stieldorf, G. Reinberg, P. Horn	1,5	BOKU SR06, SR09				
			14:30	17:00	Project Work	K. Stieldorf, G. Reinberg, P. Horn	2,5	BOKU SR06, SR09				
Module 3: Urban Planning, Policy and Design	Wed	July 25	08:15	09:00	Travel to the TU Vienna	Tutors		Dormitories				
			09:00	11:00	Sustainability in Urban Planning, Part 1	E. Aufhauser, Y. Franz	2,0	TU Vienna Kuppelsaal				
			11:00	12:15	New Thinking for a Sustainable Future	U. von Weizsäcker	1,3	TU Vienna Kuppelsaal				
			12:15	13:15	Lunch							
			13:15	14:00	New Financial Structures for a Sustainable Future	U. von Weizsäcker	0,8	TU Vienna Kuppelsaal				
			14:00	15:00	Panel Discussion	U. von Weizsäcker, C. Kreiss, H. Kromp-Kolb	1,0	TU Vienna Kuppelsaal				
			15:00	15:30	Travel to TU Vienna Plus-Plus-Energy High Rise	Tutors	0,5					
			15:30	17:00	Visit: TU Vienna Plus-Plus-Energy Office Building	N. Morishita	1,5	TU Vienna, TUtheSky, Getreidemarkt 9, 1040 Vienna				
			Module 4: Sustainable materials	Thurs	July 26	09:00	10:00	Sustainability in Urban Planning, Part 2	E. Aufhauser, Y. Franz	1,0	BOKU SR06, SR09	
						10:00	12:00	Socioeconomic Parameters of Sustainability Part 1	E. Aufhauser, Y. Franz	2,0	BOKU SR06, SR09	
12:00	13:00	Lunch										
13:00	14:00	Socioeconomic Parameters of Sustainability Part 2				E. Aufhauser, Y. Franz	1,0	BOKU SR06, SR09				
14:00	17:00	Project Work: Initial Concept Design				K. Stieldorf, G. Reinberg, P. Horn	3,0	BOKU SR06, SR09				
Module 4: Sustainable materials	Fri	July 27	09:00	10:30	Integrated Spatial and Energy Planning	G. Stöglehner	1,5	BOKU SR06, SR09				
			10:30	12:00	International Development of Passive Houses	G. Lang	1,5	BOKU SR06, SR09				
			12:00	13:00	Lunch							
			13:00	15:30	Project Work: Initial Concept Presentations	K. Stieldorf, G. Reinberg, P. Horn	2,5	BOKU SR06, SR09				
			15:30	17:30	Visit: BOKU TÜWI Construction Site (Türkenwirt Student Services Building)	DI Adrian Huegel (Baumschlagler Hutter Partner ZT GmbH), S. Sattler (BOKU)	2,0	BOKU				
			19:30	21:30	Cultural Activity: Waltzing Night	Eddy Franzen		Tanzschule Eddy Franzen, Jacquingasse 57, 1030 Vienna				
Free Day	Sat	July 28	13:00	14:00	History of Schönbrunn Castle	M. Treberspurg	1,0	Schönbrunn Castle				
			14:00	16:00	Visit Schönbrunn Castle & Gardens (admission included in tuition)	M. Treberspurg	2,0	Schönbrunn Gardens				
Free Day	Sun	July 29	Free Day									
						42,0						

Week 2

	Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location	
Module 5: Construction Ecology & Smart Cities	Mon	July 30	08:15	09:00	Pick-up from dorms and travel to the TU Vienna	Tutors		Dormitories	
			09:00	12:00	Construction Ecology - a key factor for sustainable buildings	Thomas Belazzi	3,0	TU, HS 7	
			12:00	13:00	Lunch				
			13:00	14:30	Workshop: Construction Ecology Project Implementation	Thomas Belazzi	1,5	TU, HS 7	
			14:30	16:00	Green roofs, green walls and interior greening	V. Enzi	1,5	TU, HS 7	
			16:00	17:30	Comfort in PH by noise control and room acoustics: Comfort and Payback	R. Schild	1,5	TU, HS 7	
			18:00	20:00	Sports			48-er Platz, 1140 Vienna	
Module 6: Building Physics	Tues	July 31	09:00	10:30	Climate-Sensitive Design, Thermal Comfort and Thermal Bridges	T. Lewis	1,5	TU, HS 7	
			10:30	12:00	Building Systems and Building Physics	D. Michulec	1,5		
			12:00	13:00	Lunch				
			13:00	14:30	Energy Balance in Buildings	K. Stieldorf	1,5	TU, HS 7	
			14:30	17:00	Project Work: Building Physics in the Project Design	T. Lewis, Tutors	2,5	TU, HS 7	
			19:00	21:00	AEMS Panel Discussion: Monetary Reform	H. Schuberth, C. Felber, R. Werner		Palais Harrach	
Module 7: Innovative Energy Technologies	Wed	August 1	08:00	09:00	Pick-up from dorms to travel to AIT	Tutors		Dormitories	
			09:00	10:30	Heat pumps in green buildings	Andreas Zottl	1,5	AIT	
			10:30	12:00	Solar Thermal and its applications	Michael Lauermann	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	P. Horn/G. Zucker	2,0	AIT	
Module 8: Building Simulations	Thurs	August 2	09:00	12:00	Project Work: Incorporating renewable & innovative energy technologies	P. Horn (AIT) / FH Technikum	3,0	TU, HS 7	
			12:00	13:00	Lunch				
				13:00	17:00	Workshop: Dynamic Thermal Simulations - Introduction (Sefaira/Polysun)	P. Horn (AIT) / FH Technikum	4,0	TU, HS 7
	Fri	August 3	09:00	12:00	Workshop: Dynamic Thermal Simulations - Deepening/Project Work	P. Horn (AIT) / FH Technikum	3,0	TU, HS 7	
			12:00	13:00	Lunch				
			13:00	14:30	Project Work: Application of Simulation on Project	P. Horn (AIT) / FH Technikum	1,5	TU, HS 7	
14:30			16:00	Building Information Modelling	A. Deralla (AllesWirdGut Architekten)	1,5	TU, HS 7		
			16:00	17:30	Moisture-Safety in Buildings/Detailing Green Roofs	U. Berardi, Ryerson University	1,5		
			20:30	22:30	Movie Night: Tomorrow			Votivkino	
Module 9: Daylight Engineering	Sat	August 4	08:00	09:30	Travel to the Danube University Krems, WESTBAHNHOF MEETING POINT	Tutors		Westbahnhof	
			09:30	11:00	Daylight Engineering	G. Radinger	1,5	Danube University Krems	
			11:00	12:30	Designing with Daylight	H. Hackl	1,5	Danube University Krems	
			12:30	13:30	Lunch				
			13:30	15:00	Workshop: Daylight Lab	G. Radinger, Tutors	1,5	Danube University Krems	
			15:00	17:00	Project Work: Daylight Concept	U. Berardi, H. Hackl, Tutors	2,0	Danube University Krems	
			18:00	21:00	Social Activity: "Heuriger" Mayer-Resch	Krems		Mayer-Resch Heuriger, Krems	
Free Day	Sun	August 5			Free Day				
							43,5		

Week 3

	Day	Date	Start	End	Activity / Topic	Lecturer	Hours	Location
Module 10: Indoor & Outdoor Climate	Mon	August 6	08:30	09:00	Pick-up from dormitories: travel to Lakeside City Aspern	Tutors	3,0	Dormitories
			09:00	12:00	Visit: Lakeside City Aspern - Aspern IQ, HoHo, OeAD-GreenHouse and OeAD-PopUp Dorms	M. Feierer, A. Frankel, M. Mitterwallner, G. Lang		Lakeside City Aspern
			12:00	13:00	Lunch in Lakeside City Aspern			
			13:00	14:30	Visit: Lakeside City Aspern - Aspern IQ, HoHo, OeAD-GreenHouse and OeAD-PopUp Dorms	M. Feierer, A. Frankel, M. Mitterwallner, G. Lang		Lakeside City Aspern
			14:30	15:30	Travel from Lakeside City Aspern to Spittelau District Heating Plant	Tutors		
			15:30	17:30	Visit: Spittelau District Heating Plant	G. Baresch	2,0	Spittelau District Heating Plant 48-er Platz, 1140 Vienna
			18:00	20:00	Sports			
Module 11: Project design work	Tues	August 7	09:00	12:00	Project Work	K. Stieldorf, G. Reinberg	3,0	TU TVFA Halle
			12:00	13:00	Lunch			
			13:00	17:00	Project Work	K. Stieldorf, G. Reinberg, P. Horn	4,0	TU TVFA Halle
			18:00	20:00	GBS Evening Lecture: The Five-Finger Principle of Sustainability	W. Frey, Frey Architekten	TU, Gußhausstraße 27-29 Kontaktraum CD 06 03	
	Wed	August 8	09:00	13:00	Project Work	K. Stieldorf, G. Reinberg	4,0	Lakeside City Aspern
			13:00	14:00	Lunch			
			14:00	17:00	Project Work	K. Stieldorf, G. Reinberg	3,0	TU TVFA Halle
	Thurs	August 9	09:00	12:00	Project Work: Interim Presentations 2	K. Stieldorf, G. Reinberg, P. Horn	3,0	TU TVFA Halle
			12:00	13:00	Lunch			
			13:00	17:00	Project Work	K. Stieldorf, G. Reinberg	4,0	TU TVFA Halle
Fri	August 10	09:00	12:00	Project Work	K. Stieldorf, G. Reinberg, P. Horn	3,0	TU TVFA Halle	
		12:00	13:00	Lunch				
			13:00	17:00	Project Work	K. Stieldorf, G. Reinberg	4,0	TU TVFA Halle
Final Presentation and Farewell	Sat	August 11	09:00	12:00	Individual Preparation for Project Work Presentation		3,0	
			12:00	13:00	LUNCH BREAK: Please don't forget to eat something before you arrive!			
			13:00	18:00	Student Project Presentation / Certificate Ceremony	G. Zucker, G. Reinberg, M. Treberspurg, K. Stieldorf, P. Franz, Moderation: P. Schöffman	5,0	TU Wien Kuppelsaal
			18:00	21:00	Dinner and Farewell Party			
	Sun	August 12	until	13:00	Check Out			
							42,5	
							176	

Passive House Workshop	Mon	August 13	09:00	17:00	Passivhaus Passivhaus Planning Package (PHPP)	Corinna Geiger, Passivhaus Institute, Darmstadt	TU Wien, Seminarraum Erzherzog Johann, Erzherzog Johann Platz 1, Dachgeschoss
	Tues	August 14	09:00	17:00	Passivhaus designPH Software Tool	Corinna Geiger, Passivhaus Institute, Darmstadt	TU Wien, Seminarraum Erzherzog Johann, Erzherzog Johann Platz 1, Dachgeschoss
	Wed	August 15	09:00	17:00	Excursion: Built Passive House Buildings	Günter Lang, Passivhaus Austria	Various locations
Sto Foundation Excursion	Mon	August 13	09:00	17:00	Excursion - Social Sustainability	TBA	Various locations
	Tues	August 14	09:00	17:00	Excursion - Ecological Sustainability	TBA	Various locations
	Wed	August 15	09:00	17:00	Excursion - Economic Sustainability	TBA	Various locations

PH Palais Harrach, Freyung 3, 1010 Vienna

BOKU SR06, Schwackhöferhaus, Peter-Jordan-Straße 82, 1190 Vienna

TU Vienna HS7, TU Vienna, Main Building, Karlsplatz 13, 1040 Vienna

TU Vienna TVFA Hall, Gußhausstraße 30, 1040 Vienna

AIT Giefinggasse 2, 1210 Vienna

OEAD Residence Molkereistrasse 2, 1020 Vienna

Votivkino Währinger Str. 12, 1090 Vienna

Academic Course Workshop Visit Extracurricular Activity Project Work AEMS events

Check-In: Sat, July 21, 2018

Check-Out: Sun, August 12, 2018

***All students can stay an additional week in dorm from August 13-17, 2018.**

***Passivhaus Workshop & Sto Excursion participants can stay in the dorm until August 20, 2018.**

Status 01.06.2018, subject to change without prior notice

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