

Degree Program Landscape Architecture (B.Eng.) + Dual

PO 2022

Stand: 01.03.2023



Legende:
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 WM = elective module
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PL - examination
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 E = exercise

P = practical exercise
 T = thesis

WS
 SS

ME=successfully participated

Module			Module name Course No.	Courses	Coordination	e Type	Exam Type	Sem. s per week	credits	Sem. Hours per week						
P	WP	WM								1.	2.	3.	4.	5.	6.	7.

1. Semester

x			11520 Thinking and acting as a planner		Darbi			4	6									
			11521 ME	Thinking and acting as a planner	Darbi, Korn, Petrow, NN, Jedicke, Spatz	S	PL	3	4	3								
			11522 ME	Planning simulation	Darbi, Lukas		SL	1	2	1								

PL: preparation

x			11530 Reading the landscape		Leyer			4	6									
			11531	Landscaping, nature conservation and urban systems	Leyer	L	PL	2,5	3,5	2,5								
			11532 ME	Landscaping and nature conservation	Jedicke	L	SL	0,5	1	0,5								
			11533 ME	Urban systems	Hansen	L	SL	0,5	1	0,5								
			11534 ME	Scientific work basics - part 1	Mosner, Görres	S	SL	0,5	0,5	1								

PL: exam in WS

x			11540 Understanding and visualizing open spaces		Korn			10	12								
			11541 ME	Design theory / open space design	Korn, Saß, Faller	S	PL	7	9	7							
			11542 ME	Spatial data / CAD	Peters	S	SL	3	3	3							

PL: Portfolio

x			11550 Using soils and substrates sustainably		Westerholt			3	3								
			11551	Soils and substrates	Westerholt	L	PL	2	2	2							
			11552 ME	Soils and substrates (practical exercise)	Westerholt	S	SL	1	1	1							

PL: exam in WS

x			11560 Identifying plants		von Birgelen			3	3								
			11561	Plant science	von Birgelen, Schmidner, Kunz	V	PL	2	2	2,0							
			11562 ME	Identifying woody species in winter	Schmidner	E	SL	1	1	1,0							

PL: practical exam

2. Semester

x			11570 Identifying perennials and woody species		von Birgelen			3	3								
			11571	Identifying perennials and woody species in	von Birgelen, Schmid, Schmidner, Jaugstetter	E	PL	2	2	2							
			11572	Plant use excursion	Schmidner	Exk	SL	1	1	1							

PL: practical exam

x			11580 Understanding biodiversity and ecosystem services		Leyer			4	6								
			11581	Biodiversity and ecosystem functions	Leyer	L	PL	2,5	3,5	2,5							
			11582 ME	Experiencing biodiversity	Leyer	L	SL	0,5	1,0	0,5							
			11584 ME	Biodiversity terrain exercise	Leyer, Mosner, Mody, Bahmann	E	SL	0,5	0,5	0,5							
			11583 ME	Ecosystem functions of water and soil	Jedicke	L	SL	0,5	1	0,5							

PL: exam in SS

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x			11590 Project: Analyzing and designing open spaces 11591 11592 ME	Project: Analyzing open spaces Planning communication	Petrow Petrow, Korn, Faller Morsblech	P S	PL SL	6 4 2	6 3 3		4							
										PL: preparation								
x			11600 Gathering and analysing geodata 11601 11602 ME	Geodata - lecture Geodata - exercise	Bargiel Bargiel Bargiel	L E	PL SL	6 3 3	6 3 3		3							
										PL: practical exam								
x			11610 Designing urban spaces 11611 11612 ME	Open space planning Urban design	Petrow Petrow Schulz	L L	PL SL	4 2 2	6 3 3		2							
										PL: preparation								
x			11620 Surveying land 11621 11622 ME	Surveying land Surveying - terrain exercise	Peters Bormuth Bormuth	L S	PL SL	4 2 2	3 1 2		2							
										PL: exam in SS								
3. Semester																		
x			11630 Project: Designing climate-friendly open spaces 11631 11632 ME	Project: Designing climate-friendly open spaces Key qualifications	Faller Kammann, Saß, Thon, vor Spatz	L S	PL SL	6 5 1	9 7 2			5						
										PL: preparation								
x			11640 Building pathways and lightweight structures 11641 11642 ME	Constructing pathways and structures Building construction, building materials, fur	Thon Thon Thon, Weller, Stein	L S	PL SL	6 1,5 4,5	6 1,5 4,5			1,5						
										PL: preparation/presentation								
x			11650 Designing with perennials and woody species 11651	Designing with perennials and woody	von Birgelen von Birgelen, Faust_K, Fai	L	PL	3 3	3 3			3						
										PL: exam in WS								
x			11660 Applying legal norms and planning instruments 11661 11662 ME	Applying legal norms and planning instrume Nature conservation law and instruments	Darbi Darbi, Lukas Darbi, Lukas	L/S L/S	PL SL	6 4,5 1,5	6 4,5 1,5			4,5						
										PL: exam in WS								
x			11670 Tendering projects, awarding service contracts 11671 11672	Building contracts and basics of tendering Tender documents and specifications	Helget Helget Helget, Hense, Schöffner	L S	PL SL	5 3 2	6 3 3			3						
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4. Semester

x			11680 Assessing project costs, calculating fees		Helget			3	3										
			11681	Project costs	Helget	L	PL	1	1										
			11682	Cost calculation	Helget	S	SL	2	2										
	O	BP	11690 Project: Developing projects, checking feasibility		Helget			5	9										
			11691	Project: Developing construction projects	Helget			5	9										
	O	FP	11700 Project: Designing urban landscape systems		Hansen			5	9										
			11701	Project landscape systems	Hansen	P	PL	4	8										
			11702 ME	Reflections on project work	Muschkullus	S	SL	1	1										
	O	FP	11710 Project: Developing technical designs		Thon			5	9										
			11712 ME	Project: Developing technical designs ready for implementation	Thon, Korn			SL	1	3									
			11711	Project: Developing technical designs ready for implementation	Thon, Korn	P	PL	4	6										
	O	LE	11720 Project: Developing nature conservation projects		Leyer			5	9										
			11722 ME	Project: Nature conservation projects	Leyer, Darbi, Bargiel			SL	1	3									
			11721	Project: Nature conservation projects	Leyer, Darbi, Bargiel	P	PL	4	6										
	BP	O FP LE	11730 Calculating projects		Helget			3	3										
			11731	Calculation basis	Helget	L	PL	1	1										
			11732	Quotation costing	Helget	S	SL	2	2										
	BP	O FP LE	11740 Organizing and managing companies		Helget			3	3										
			11741	Basics of business organization	Helget	L	PL	1	1										
			11742	Business organization - seminar	Helget	S	SL	2	2										
	BP	O FP LE	11750 Greening sites, planning earthworks		Westerholt			5	6										
			11751	Vegetation techniques and earthworks	Westerholt	L	PL	3	4										
			11752	Vegetation techniques - seminar	Westerholt	S	SL	1	1										
			11753	Earthworks - seminar	Westerholt	S	SL	1	1										

PL: exam in SS

PL: preparation and presentation

PL: preparation

PL: preparation

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PL: exam in SS

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	BP FP	O LE	11760 Building and maintaining pathways and lightweight structures		Thon			6	6									
			11762 ME	Building construction, maintenance and project days	Stein	L	SL	4,5	4,5			4,5						
			11761	Constructing and maintaining pathways and structures	Stein	S	PL	1,5	1,5			1,5						
	O FP LE	BP	11770 Using and managing landscapes sustainably		Jedicke			4	6									
			11771	Sustainable agriculture and multifunctional forestry	Jedicke	L	PL	3	4			3						
			11772	Landscape maintenance	Jedicke	S	SL	1	2			1						
	LE	O BP FP	11780 Identifying vegetation types and their habitat requirements		Leyer			5	6									
			11782 ME	Vegetation types of Central Europe	Leyer	L	SL	1	1			1						
			11781	Ecosystems of Central Europe	Leyer	S	PL	2	3			2						
			11783 ME	Species, vegetation types and sites	Leyer, Mosner, Mody	L/E	SL	2	2			2						
			11790 Excursion		Petrow			3	3									
			11791 ME	Presentation on excursion	Thon, Hansen		PL	2	2			2						
			11792 ME	Excursion	Thon, Hansen	E	SL	1	1			1						
			11800 Deploying construction materials		Thon			6	6									
			11801	Construction materials and their characteris	Stein	L	PL	2	2			2						
			11802	Construction materials use	Stein	S	SL	2	2			2						
			11803	Construction materials in practice	Stein	S	SL	2	2			2						
	FP	BP L	11810 Developing planting schemes		von Birgelen			4	6									
			11811	Developing planting schemes	Schmidt	L	PL	4	6			4						
			11820 Identifying planning-relevant animal species		Adler			4	6									
			11821	Faunistic and animal ecology	Adler	L	PL	1	2			1						
			11822	Knowledge of species and types	Adler, Mody	S	SL	2	2			2						
			11823 ME	Animal ecology - practical exercises	Fuhrmann	E	SL	1	2			1						
		O LE	11830 Experiencing nature conservation on-site		Leyer			3	3									
			ME	Nature conservation on site - exercise	Leyer	E	PL	2	2			2						
			32 ME	Nature conservation on site - excursion	Leyer	Ex	SL	1	1			1						
			12020 Developing climate-friendly urban ecosystems		Adler			3	6									
			12022 ME	Urban ecosystems	Adler	L	SL	1	2				1					
			12021	Urban landscape planning	Adler	S	PL	2	4				2					

PL: preparation

PL: exam in SS

PL: preparation

PL: preparation

PL: exam in SS

PL: preparation and presentation

PL: preparation / technical exam

PL: preparation

PL: Poster / presentation

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			12030 Applying soil mechanics, planning sports facilities		Roth-Kleyer			5	6										
			12031	Soil mechanics and sports field construction	Roth-Kleyer, Seegmüller	L	PL	3	4									3	
			12032 ME	Soil mechanics - seminar	Roth-Kleyer	S	SL	2	2									2	
			12040 Conceptualizing participation		Petrow			2	3										
			12041	Conceptualizing participation processes	Weber	S	PL	1	1,5									1	
			12042	Conceptualizing participation processes			SL	1	1,5									1	
5. Semester																			
		O	11840 Project: Submitting and realising projects		Helget			5	9										
		BP	11841	Project: Submitting construction projects	Helget	P	PL	5	9									5	
		O	11850 Project: Designing public open spaces		Petrow			5	9										
		FP	11852 ME	Project: Designing public open spaces	Petrow, Schöngart		SL	1	3									1	
			11851	Project: Designing public open spaces	Petrow, Schöngart	P	PL	4	6									4	
		O	11860 Project: Designing sustainable plantings		von Birgelen			5	9										
		FP	11862	Project: Sustainable plantings	von Birgelen		SL	2	4									2	
			11861	Project: Sustainable plantings	von Birgelen	P	PL	3	5									3	
		O	11870 Project: Developing landscapes in metropolitan areas		Jedicke			5	9										
		LE	11872 ME	Project: Landscapes in metropolitan areas	Jedicke			1	3									1	
			11871	Project: Landscapes in metropolitan areas	Jedicke	P	PL	4	6									4	
		O	11880 Constructing and maintaining special structures		Thon			6	6										
		BP	11883 ME	Special constructions theory	Thon	L	SL	2	2									2	
			11882 ME	Special technical construction methods	Thon, Horn	S	SL	2	2									2	
		FP	11881	Irrigation and swimming ponds	Thon	S	PL	2	2									2	
		O	11890 Preparing and handling construction projects		Helget			4	6										
		BP	11891	Basics of construction management	Helget	L	PL	2	2									2	
			11892	Construction management	Helget	S	SL	2	4									2	
		O	11900 Understanding the history of landscape (architecture)		Jedicke			5	6										
		FP	11901	History of landscape and landscape architecture	Petrow, von Luxburg, Jedicke	L	PL	4	4									4	
			11902 ME	Scientific work basics - part 2	Mosner, Görres, von Luxburg, Jedicke	S	SL	1	2									1	
		O	11910 Managing projects		Muschkullus			4	3										
		FP	11911	Construction and project management	Muschkullus	L	PL	2	2									2	
			11912 ME	Project management simulation	Muschkullus	S	SL	2	1									2	
		O	11920 Thinking open spaces ecologically		Hansen			3	6										
		FP	11922 ME	Thinking open space development ecologic	Hansen	S	SL	1	2									1	
			11921	Thinking open space development ecologic	Hansen	S	PL	2	4									2	

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PL: preparation and presentation

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	FP	O BP LE	11930 Thinking open spaces socially 11932 ME 11931	Thinking open space development socially Thinking open space development socially	Petrow Petrow Petrow	S S	SL PL	3 1 2	6 2 4						1					
	FP	O BP LE	11940 Thinking open spaces globally 11942 ME 11941	Thinking open space development globally Thinking open space development globally	Saß Saß Saß	S	SL PL	3 1 2	6 2 4						1					
	LE	O BP FP	11960 Assessing and compensating environmental impacts 11961 11962	Environmental assessment, instruments of impact mitigation and eco account Application of impact mitigation regulation a	Darbi Darbi, Lukas Darbi	L S	PL SL	4 3 1	6 3 3						3					
	LE	O BP FP	11970 Managing nature-protected areas 11971 11972	Biosphere reserves, nature reserves and Natura 2000 management Natura 2000 management and types of prot	Jedicke Jedicke Jedicke	L S	PL SL	6 3 3	6 3 3						3					
			11950 Deepening topics of planting 11951	Planning special topics of plant use	von Birgelen Braun-Fischer	S	PL	4 4	6 6						4					
			11990 Applying bioengineering techniques 11991 11992 ME	Bioengineering and special greening technic Bioengineering - seminar	Westerholt Tunkowski/Bocksch Tunkowski	L S	PL SL	4 2 2	6 3 3						2					
			11980 Deploying construction and maintenance machines 11981 11982 ME	Machines and equipment Machine use	Muschkullus Muschkullus Muschkullus	L S	PL SL	4 2 2	6 3 3						2					
			12010 Preserving landscape heritage 12011 12012	Memorial garden care Memorial garden care	Petrow Formann Formann	S	PL SL	2 1 1	3 1,5 1,5						1					
6. Semester																				
x			16010 Internship 16011 ME	Internship semester	Petrow NN			0 0	30 30										0,5	
7. Semester																				
x			9050 Thesis with accompanying seminar 9051 9052	Thesis Accompanying scientific seminar	NN NN			1	15 12 3										1	

PL: preparation

PL: preparation

PL: presentation

PL: preparation

PL: preparation

PL: exam in WS

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