

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

PO 2022

Stand: 01.03.2023



**Legende:**  
 F = Specialization  
 P = compulsory module G = Specialization  
 WP = semi-compulsory module N = Specialization  
 WM = elective module O = no specialization

PL - examination  
 SL = course assignment

L = lecture  
 S = seminar  
 E = exercise

P = practical exercise  
 T = thesis

WS  
 SS

ME=successfully participated

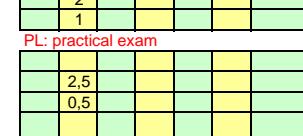
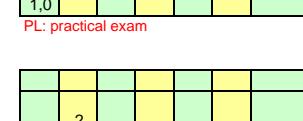
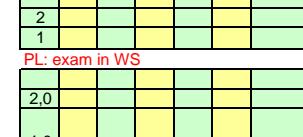
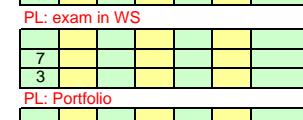
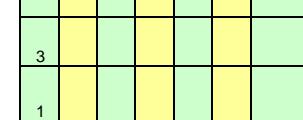
Module P	WP	WM	Module name Course No.	Courses	Coordination	e	Exam	Sem. Sem. Type	Type	per week	credits	Sem. Hours per week
												1.

## 1. Semester

x			11520 Thinking and acting as a planner		Darbi	4		6							
			11521 ME	Thinking and acting as a planner	Darbi, Saß, Petrow, v.Birgelen	S	PL	3		4					
			11522 ME	Planning simulation	Darbi, Saß, Petrow, v.Birgelen	SL		1		2					
x			11530 Reading the landscape		Leyer	4		6							
			11531	Landscaping, nature conservation and urban systems	Leyer, Jedicke	L	PL	2,5		3,5					
			11532 ME	Landscaping and nature conservation	Hansen	L	SL	0,5		1					
			11533 ME	Urban systems	Hansen	L	SL	0,5		1					
			11534 ME	Scientific work basics - part 1	Mosner, Görres	S	SL	0,5		0,5					
x			11540 Understanding and visualizing open spaces		Petrow	10		12							
			11541 ME	Design theory / open space design	Korn, Saß, Faller	S	PL	7		9					
			11542 ME	Spatial data / CAD	Peters	S	SL	3		3					
x			11550 Using soils and substrates sustainably		Westerholt	3		3							
			11551	Soils and substrates	Westerholt	L	PL	2		2					
			11552 ME	Soils and substrates (practical exercise)	Westerholt	S	SL	1		1					
x			11560 Identifying plants		von Birgelen	3		3							
			11561	Plant science	von Birgelen	V	PL	2		2					
			11562 ME	Identifying woody species in winter	Schmidtner	E	SL	1		1					

## 2. Semester

x			11570 Identifying perennials and woody species		von Birgelen	3		3						
			11571	Identifying perennials and woody species in Plant use excursion	von Birgelen, Schmidt, Schmidtner, Jaugstetter Schmidtner	E	PL	2		2				
			11572		Exk	SL		1		1				
x			11580 Understanding biodiversity and ecosystem services		Leyer	4		6						
			11581	Biodiversity and ecosystem functions	Leyer	L	PL	2,5		3,5				
			11582 ME	Experiencing biodiversity	Leyer	L	SL	0,5		1,0				
			11584 ME	Biodiversity terrain exercise	Leyer, Mosner, Mody, Bahmann	E	SL	0,5		0,5				
			11583 ME	Ecosystem functions of water and soil	Reiss	L	SL	0,5		1				



PL: practical exam

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

PO 2022

Stand: 01.03.2023



**Legende:**  
 F = Specialization  
 P = compulsory module G = Specialization  
 WP = semi-compulsory module N = Specialization  
 WM = elective module O = no specialization

PL - examination  
 SL = course assignment

L = lecture  
 S = seminar  
 E = exercise

P = practical exercise  
 T = thesis

WS  
 SS

ME=successfully participated

Module P WP WM	Module name Course No.	Courses	Coordination	e	Exam	Sem. Sem. Type Type per week	credits	Sem. Hours per week						
				Type	Type	week	credits	1.	2.	3.	4.	5.	6.	7.
x	11590 Project: Analyzing and designing open spaces 11591 11592 ME	Project: Analyzing open spaces Planning communication	Petrow Petrow, Korn, Faller Morsblech, Peters	P S	PL SL	6 4 2	6 3 3							
x	11600 Gathering and analysing geodata 11601 11602 ME	Geodata - lecture Geodata - exercise	Bargiel Bargiel Bargiel	L E	PL SL	6 3	6 3							
x	11610 Designing urban spaces 11611 11612 ME	Open space planning Urban design	Petrow Petrow Schulz	L L	PL SL	4 2	6 3							
x	11620 Surveying land 11621 11622 ME	Surveying land Surveying - terrain exercise	Peters Bormuth Bormuth	L S	PL SL	4 2	3 1							

## 3. Semester

x	11630 Project: Designing climate-friendly open spaces 11631 11632 ME	Project: Designing climate-friendly open spaces Key qualifications	NN Dozierende der LA NN	L S	PL SL	6 5 1	9 7 2							
x	11640 Building pathways and lightweight structures 11641 11642 ME	Constructing pathways and structures Building construction, building materials, fun	Thon Thon Thon, Stein	L S	PL SL	6 1,5 4,5	6 1,5 4,5							
x	11650 Designing with perennials and woody species 11651	Designing with perennials and woody	von Birgelen von Birgelen	L	PL	3	3							
x	11660 Applying legal norms and planning instruments 11661 11662 ME	Applying legal norms and planning instruments 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							
x	11670 Tendering projects, awarding service contracts 11671 11672	Building contracts and basics of tendering Tender documents and specifications	Helget Helget, Hense, Schöffner	L S	PL SL	5 3 2	6 3 3							

PL: exam in WS

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

PO 2022

Stand: 01.03.2023



**Legende:**  
 F = Specialization  
 P = compulsory module G = Specialization  
 WP = semi-compulsory module N = Specialization  
 WM = elective module O = no specialization

PL - examination  
 SL = course assignment

L = lecture  
 S = seminar  
 E = exercise

P = practical exercise  
 T = thesis

WS  
 SS

ME=successfully participated

Module P	WP	WM	Module name Course No.	Courses	Coordination	e	Exam	Sem. Sem. Type	Type	per week	credits	Sem. Hours per week						
												1.	2.	3.	4.	5.	6.	7.
<b>4. Semester</b>																		
x				11680 Assessing project costs, calculating fees 11681 11682	Helget Project costs Cost calculation	Helget Helget Helget	L S	PL SL	1 2	3 2	3 2							
	O BP			11690 Project: Developing projects, checking feasibility 11691	Project: Developing construction projects	Helget	P	PL	5	9								
	O FP			11700 Project: Designing urban landscape systems 11701 11702 ME	Project landscape systems Reflections on project work	Hansen Hansen Muschkullus	P S	PL SL	4 1	9 1	9 1							
	O FP			11710 Project: Developing technical designs 11712 ME 11711	Project: Developing technical designs ready for implementation Project: Developing technical designs ready for implementation	Thon			5	9								
	O LE			11720 Project: Developing nature conservation projects 11722 ME 11721	Project: Nature conservation projects Project: Nature conservation projects	Leyer Leyer, Darbi, Bargiel Leyer, Darbi, Bargiel	SL P	PL	1 4	3 6	9 6							
	BP O FP LE			11730 Calculating projects 11731 11732	Calculation basis Quotation costing	Helget	L S	PL SL	1 2	1 2	3 2							
	BP O FP LE			11740 Organizing and managing companies 11741 11742	Basics of business organization Business organization - seminar	Helget Helget Helget	L S	PL SL	1 2	1 2	3 2							
	BP O FP LE			11750 Greening sites, planning earthworks 11751 11752 11753	Vegetation techniques and earthworks Vegetation techniques - seminar Earthworks - seminar	Westerholt	L S S	PL SL SL	3 1 1	4 1 1	6							

PL: exam in SS

1

2

PL: preparation and presentation

4

1

PL: preparation

1

4

PL: preparation

1

4

PL: preparation

1

2

PL: exam in SS

1

2

PL: exam in SS

3

1

1

PL: exam in SS

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

PO 2022

Stand: 01.03.2023



**Legende:**  
 F = Specialization  
 P = compulsory module G = Specialization  
 WP = semi-compulsory module N = Specialization  
 WM = elective module O = no specialization

ME=successfully participated

PL - examination  
 SL = course assignment

L = lecture  
 S = seminar  
 E = exercise

P = practical exercise  
 T = thesis  
 WS  
 SS

Module P WP WM	Module name Course No.	Courses	Coordination	e	Exam	Sem. Sem. Type Type per week	credits	Sem. Hours per week						
				Type	Type	week	1.	2.	3.	4.	5.	6.	7.	
BP FP LE	11760 Building and maintaining pathways and lightweight structures  11762 ME  11761	Building construction, maintenance and project days  Constructing and maintaining pathways and structures	Thon  Thon, Stein, Schönmann  Stein, Schömann	L S	SL PL	4,5 1,5	4,5 1,5							
O FP LE	11770 Using and managing landscapes sustainably  11771 11772	Sustainable agriculture and multifunctional forestry  Landscape maintenance	Jedicke  Wendt, Lessander  Jedicke			4	6							
LE BP FP	11780 Identifying vegetation types and their habitat requirements  11782 ME 11781 11783 ME	Vegetation types of Central Europe  Ecosystems of Central Europe  Species, vegetation types and sites	Leyer  Leyer  Leyer, Mosner, Mody	L S L/E	SL PL SL	1 2 2	1 3 2							
	11790 Excursion  11791 ME 11792 ME	Presentation on excursion  Excursion	Petrov  NN  NN		PL E	2 1	2 1							
	11800 Deploying construction materials  11801 11802 11803	Construction materials and their characteristics  Construction materials use  Construction materials in practice	Thon  Muschkullus  Muschkullus	L S S	PL SL SL	2 2 2	2 2 2							
FP BP L	11810 Developing planting schemes  11811	Developing planting schemes	von Birgelen  Schmidt	L	PL	4	6							
	11820 Identifying planning-relevant animal species  11821 11822 11823 ME	Faunistic and animal ecology  Knowledge of species and types  Animal ecology - practical exercises	Adler  Adler, Mody  Fuhrmann	L S E	PL SL SL	1 2 1	2 2 2							
O LE	11830 Experiencing nature conservation on-site  ME 32 ME	Nature conservation on site - exercise  Nature conservation on site - excursion	Leyer  Leyer  Leyer	E Ex	PL SL	2 1	2 1							
	12020 Developing climate-friendly urban ecosystems  12022 ME 12021	Urban ecosystems  Urban landscape planning	Adler  Adler  Adler	L S	SL PL	1 2	2 4							

PL: preparation

PL: exam in SS

PL: preparation

PL: preparation

PL: exam in SS

PL: preparation

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

**PO 2022**

Stand: 01.03.2023



**Legende:**  
 F = Specialization  
 P = compulsory module  
 G = Specialization  
 WP = semi-compulsory module N = Specialization  
 WM = elective module O = no specialization

PL = examination  
 SL = course assignment  
 ME=successfully participated

L = lecture  
 S = seminar  
 E = exercise

P = practical exercise  
 T = thesis

WS  
SS

Module P	WP	WM	Module name Course No.	Courses	Coordination	e Type	Exam Type	Sem. per week	credits	Sem. Hours per week						
										1.	2.	3.	4.	5.	6.	7.
			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							
			12032 ME	Soil mechanics - seminar Roth-Kleyer		S	SL	2	2							
				ME=successfully participated												
			12040 Conceptualizing participation	Petrov				2	3							
			12041	Conceptualizing participation processes Weber		S	PL	1	1,5							
			12042	Conceptualizing participation processes			SL	1	1,5							
<b>5. Semester</b>																
	O	BP	11840 Project: Submitting and realising projects	Helget				5	9							
			11841	Project: Submitting construction projects	Helget	P	PL	5	9							
	O	FP	11850 Project: Designing public open spaces	Petrov				5	9							
			11852 ME	Project: Designing public open spaces Petrov, Schöngart			SL	1	3							
			11851	Project: Designing public open spaces Petrov, Schöngart		P	PL	4	6							
	O	FP	11860 Project: Designing sustainable plantings	von Birgelen				5	9							
			11862	Project: Sustainable plantings von Birgelen			SL	2	4							
			11861	Project: Sustainable plantings von Birgelen		P	PL	3	5							
	O	LE	11870 Project: Developing landscapes in metropolitan areas	Jedicke				5	9							
			11872 ME	Project: Landscapes in metropolitan areas Jedicke				1	3							
			11871	Project: Landscapes in metropolitan areas Jedicke		P	PL	4	6							
	BP	O	11880 Constructing and maintaining special structures	Thon				6	6							
			11883 ME	Special constructions theory Thon		L	SL	2	2							
			11882 ME	Special technical construction methods Thon, Horn		S	SL	2	2							
			11881	Irrigation and swimming ponds Thon		S	PL	2	2							
	BP	O	11890 Preparing and handling construction projects	Helget				4	6							
			11891	Basics of construction management Helget		L	PL	2	2							
			11892	Construction management Helget		S	SL	2	4							
	O	FP	11900 Understanding the history of landscape (architecture)	Jedicke				5	6							
			11901	History of landscape and landscape architecture Petrow, von Luxburg, Jedicke		L	PL	4	4							
			11902 ME	Scientific work basics - part 2 Mosner, Görres, von Luxburg, Jedicke		S	SL	1	2							
	O	FP	11910 Managing projects	Muschkullus				4	3							
			11911	Construction and project management Muschkullus		L	PL	2	2							
			11912 ME	Project management simulation Muschkullus		S	SL	2	1							
	O	FP	11920 Thinking open spaces ecologically	Hansen				3	6							
			11922 ME	Thinking open space development ecologic Hansen		S	SL	1	2							
			11921	Thinking open space development ecologic Hansen		S	PL	2	4							

PL: preparation

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

PO 2022

Stand: 01.03.2023



**Legende:**  
 F = Specialization  
 P = compulsory module G = Specialization  
 WP = semi-compulsory module N = Specialization  
 WM = elective module O = no specialization

PL - examination  
 SL = course assignment

L = lecture  
 S = seminar  
 E = exercise

P = practical exercise  
 T = thesis

WS  
 SS

ME=successfully participated

Module P	WP	WM	Module name Course No.	Courses	Coordination	e Type	Exam Type	Sem. s per week	Sem. credits	Sem. Hours per week						
										1.	2.	3.	4.	5.	6.	7.
	FP	O BP LE	11930 Thinking open spaces socially 11932 ME 11931		Petrov			3	6							
				Thinking open space development socially	Petrov	S	SL	1	2				1			
				Thinking open space development socially	Petrov	S	PL	2	4				2			
	FP	O BP LE	11940 Thinking open spaces globally 11942 ME 11941		Saß			3	6							
				Thinking open space development globally	Saß	S	SL	1	2				1			
				Thinking open space development globally	Saß	S	PL	2	4				2			
	LE	O BP FP	11960 Assessing and compensating environmental impacts 11961 11962		Darbi			4	6							
				Environmental assessment, instruments of impact mitigation and eco account	Darbi, Lukas	L	PL	3	3				3			
				Application of impact mitigation regulation ar	Darbi	S	SL	1	3				1			
	LE	O BP FP	11970 Managing nature-protected areas 11971 11972		Jedicke			6	6							
				Biosphere reserves, nature reserves and Natura 2000 management	Jedicke	L	PL	3	3				3			
				Natura 2000 management and types of proti	Jedicke	S	SL	3	3				3			
			11950 Deepening topics of planting 11951		von Birgelen			4	6							
				Planning special topics of plant use	Braun-Fischer	S	PL	4	6				4			
			11990 Applying bioengineering techniques 11991 11992 ME		Westerholt			4	6							
				Bioengineering and special greening technic	Tunkowski/Bocksch	L	PL	2	3				2			
				Bioengineering - seminar	Tunkowski	S	SL	2	3				2			
			11980 Deploying construction and maintenance machines 11981 11982 ME		Muschkullus			4	6							
				Machines and equipment	Muschkullus	L	PL	2	3				2			
				Machine use	Muschkullus	S	SL	2	3				2			
			12010 Preserving landscape heritage 12011 12012		Petrov			2	3							
				Memorial garden care	Formann	S	PL	1	1,5				1			
				Memorial garden care	Formann	S	SL	1	1,5				1			
<b>6. Semester</b>																
x			16010 Internship 16011 ME		Petrow			0	30							
				Internship semester	NN			0	30				0,5			
<b>7. Semester</b>																
x			9050 Thesis with accompanying seminar 9051 9052		Thesis			NN		15						
				Accompanying scientific seminar	NN			NN		12			1			
										3						