

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

PO 2022

Stand: 01.03.2023



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WS  
 SS

ME=successfully participated

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

## 1. Semester

x			<b>11520 Thinking and acting as a planner</b>		<b>Darbi</b>			<b>4</b>	<b>6</b>									
			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			<b>11530 Reading the landscape</b>		<b>Leyer</b>			<b>4</b>	<b>6</b>									
			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			<b>11540 Understanding and visualizing open spaces</b>		<b>Petrow</b>			<b>10</b>	<b>12</b>									
			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			<b>11550 Using soils and substrates sustainably</b>		<b>Westerholt</b>			<b>3</b>	<b>3</b>									
			11551	Soils and substrates	Westerholt	L	PL	2	2									
			11552 ME	Soils and substrates (practical exercise)	Westerholt	S	SL	1	1									
x			<b>11560 Identifying plants</b>		<b>von Birgelen</b>			<b>3</b>	<b>3</b>									
			11561	Plant science	von Birgelen	V	PL	2,5	2,5									
			11562 ME	Identifying woody species in winter	Schmidtnr	E	SL	0,5	0,5									

3									
1									

PL: preparation

2,5									
0,5									
0,5									
1									

PL: exam in WS

7									
3									

PL: Portfolio

2									
1									

PL: exam in WS

2,5									
0,5									
0,5									
0,5									

PL: practical exam

2									
1									

PL: practical exam

## 2. Semester

x			<b>11570 Identifying perennials and woody species</b>		<b>von Birgelen</b>			<b>3</b>	<b>3</b>								
			11571	Identifying perennials and woody species in	von Birgelen, Schmid, Schmidtnr, Jaugstetter	E	PL	2	2								
			11572	Plant use excursion	Schmidtnr	Exk	SL	1	1								
x			<b>11580 Understanding biodiversity and ecosystem services</b>		<b>Leyer</b>			<b>4</b>	<b>6</b>								
			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								

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## 4. Semester

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

PL: exam in SS

PL: preparation and presentation

PL: preparation

PL: preparation

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	WP	WM								1.	2.	3.	4.	5.	6.	7.
	BP FP	O LE	<b>11760 Building and maintaining pathways and lightweight structures</b>		<b>Thon</b>			<b>6</b>	<b>6</b>							
			11762 ME	Building construction, maintenance and project days	Thon, Stein, Schönmann	L	SL	4,5	4,5			4,5				
			11761	Constructing and maintaining pathways and structures	Stein, Schömann	S	PL	1,5	1,5			1,5				
	O FP LE	BP	<b>11770 Using and managing landscapes sustainably</b>		<b>Jedicke</b>			<b>4</b>	<b>6</b>							
			11771	Sustainable agriculture and multifunctional forestry	Wendt, Lessander	L	PL	3	4			3				
			11772	Landscape maintenance	Jedicke	S	SL	1	2			1				
	LE	O BP FP	<b>11780 Identifying vegetation types and their habitat requirements</b>		<b>Leyer</b>			<b>5</b>	<b>6</b>							
			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				
			<b>11790 Excursion</b>		<b>Petrow</b>			<b>3</b>	<b>3</b>							
			11791 ME	Presentation on excursion	NN		PL	2	2			2				
			11792 ME	Excursion	NN	E	SL	1	1			1				
			<b>11800 Deploying construction materials</b>		<b>Thon</b>			<b>6</b>	<b>6</b>							
			11801	Construction materials and their characteristics	Muschkullus	L	PL	2	2			2				
			11802	Construction materials use	Muschkullus	S	SL	2	2			2				
			11803	Construction materials in practice	Muschkullus	S	SL	2	2			2				
	FP	BP L	<b>11810 Developing planting schemes</b>		<b>von Birgelen</b>			<b>4</b>	<b>6</b>							
			11811	Developing planting schemes	Schmidt	L	PL	4	6			4				
			<b>11820 Identifying planning-relevant animal species</b>		<b>Adler</b>			<b>4</b>	<b>6</b>							
			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	<b>11830 Experiencing nature conservation on-site</b>		<b>Leyer</b>			<b>3</b>	<b>3</b>							
			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				
			<b>12020 Developing climate-friendly urban ecosystems</b>		<b>Adler</b>			<b>3</b>	<b>6</b>							
			12022 ME	Urban ecosystems	Adler	L	SL	1	2					1		
			12021	Urban landscape planning	Adler	S	PL	2	4					2		

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PL: preparation and presentation

PL: preparation / technical exam

PL: preparation

PL: Poster / presentation

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										1.	2.	3.	4.	5.	6.	7.	
			<b>12030 Applying soil mechanics, planning sports facilities</b>		<b>Roth-Kleyer</b>			<b>5</b>	<b>6</b>								
			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		
			<b>12040 Conceptualizing participation</b>		<b>Petrow</b>			<b>2</b>	<b>3</b>								
			12041	Conceptualizing participation processes	Weber	S	PL	1	1,5						1		
			12042	Conceptualizing participation processes			SL	1	1,5						1		
<b>5. Semester</b>																	
	O BP		<b>11840 Project: Submitting and realising projects</b>		<b>Helget</b>			<b>5</b>	<b>9</b>								
			11841	Project: Submitting construction projects	Helget	P	PL	5	9						5		
	O FP		<b>11850 Project: Designing public open spaces</b>		<b>Petrow</b>			<b>5</b>	<b>9</b>								
			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 FP		<b>11860 Project: Designing sustainable plantings</b>		<b>von Birgelen</b>			<b>5</b>	<b>9</b>								
			11862	Project: Sustainable plantings	von Birgelen		SL	2	4						2		
			11861	Project: Sustainable plantings	von Birgelen	P	PL	3	5						3		
	O LE		<b>11870 Project: Developing landscapes in metropolitan areas</b>		<b>Jedicke</b>			<b>5</b>	<b>9</b>								
			11872 ME	Project: Landscapes in metropolitan areas	Jedicke			1	3						1		
			11871	Project: Landscapes in metropolitan areas	Jedicke	P	PL	4	6						4		
	O BP	O FP LE	<b>11880 Constructing and maintaining special structures</b>		<b>Thon</b>			<b>6</b>	<b>6</b>								
			11883 ME	Special constructions theory	Thon	L	SL	2	2						2		
			11882 ME	Special technical construction methods	Thon, Horn	S	SL	2	2						2		
			11881	Irrigation and swimming ponds	Thon	S	PL	2	2						2		
	O BP	O FP LE	<b>11890 Preparing and handling construction projects</b>		<b>Helget</b>			<b>4</b>	<b>6</b>								
			11891	Basics of construction management	Helget	L	PL	2	2						2		
			11892	Construction management	Helget	S	SL	2	4						2		
	O FP LE	O BP	<b>11900 Understanding the history of landscape (architecture)</b>		<b>Jedicke</b>			<b>5</b>	<b>6</b>								
			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 FP LE	O BP	<b>11910 Managing projects</b>		<b>Muschkullus</b>			<b>4</b>	<b>3</b>								
			11911	Construction and project management	Muschkullus	L	PL	2	2						2		
			11912 ME	Project management simulation	Muschkullus	S	SL	2	1						2		

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	FP	O BP LE	11920 Thinking open spaces ecologically 11922 ME 11921	Thinking open space development ecologic Thinking open space development ecologic	Hansen Hansen Hansen	S S	SL PL	3 1 2	6 2 4					1			
	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 ar	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	Westerhoit 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			
<b>6. Semester</b>																	
x			16010 Internship 16011 ME	Internship semester	Petrow NN			0 0	30 30						0,5		
<b>7. Semester</b>																	
x			9050 Thesis with accompanying seminar 9051 9052	Thesis Accompanying scientific seminar	NN NN			1	15 12 3					1			

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PL: presentation

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