



**Course Curriculum**  
of the Bachelor and Master Study Programme

**Garden and Landscape Architecture**

**Date of becoming effective: 21<sup>st</sup> of October 2009**

*as a result of decision of  
the Accreditation Commission of the Slovak Republic Government*



**Course Curriculum**

**BACHELOR STUDY PROGRAMME**

***Garden and Landscape Architecture***

**QUALIFICATION AWARDED:** *Bachelor degree BSc (in Slovak Republic Bc.)*

**LEVEL OF QUALIFICATION:** 1<sup>st</sup> level of university studies

**MODE OF STUDY:** full – time

**DURATION:** 3 years (6 semesters)

**ADMISSION REQUIREMENTS:**

Basic admission requirements are set in the Study Regulation of the Slovak University of Agriculture in Nitra. Other conditions for the admission of a candidate are following: good results of the school-leaving exam, an interview which shows applicant's qualification to study at the university and mainly the result of the talent exam which reveals his/her ability for the study programme.

**PROGRAMME CURRICULUM:**

The study programme is realised within the branch of study *6.1.17 Landscape and Garden Architecture*. The bachelor study programme (first level of university studies) focuses on acquirement of theoretical and practical knowledge based on the current state of science and art and the ability to apply the knowledge creatively either within professional practice or higher levels of university studies. Graduates of the bachelor study programme gain the first level of university education. They are given the academic title *Bachelor BSc (in Slovak Republic Bc.)*.

Graduates have knowledge of natural and biological sciences (study of plants), art, architecture, urbanism, spatial and landscape planning applied to landscape architecture. Graduates are able to analyse, evaluate and assess works of landscape architecture as well as wider relations and attributes of urban space and open land. They are able to apply their experiences in planning and design practice.

**STUDY OUTCOMES, PROFESSIONAL CURRICULUM OF GRADUATES:**

Graduates of the bachelor study programme *Garden and Landscape Architecture* are able to practise in organisational structures in different government departments, in landscape architectural design offices as well as in supply companies dealing with management, planning and designing activities within landscape architecture. Our bachelor graduates are able to deal with analytical and preparatory works, basic creative tasks as well as with organisational and management activities in landscape architecture and landscape planning.

**COURSE STRUCTURE DIAGRAM WITH ECTS CREDITS:**

CODE	OBLIGATORY SUBJECTS	HOURS PER WEEK			SEMESTER - ECTS CREDITS					
		L	P	F	1	2	3	4	5	6
090E101	Introduction to University Studies	1	0	C	1					
461E111	Mathematics	1	3	E	6					
421A101	Botany	1	3	E	6					
443Z102	Biometeorology	2	2	E	6					
582Z203	Technical Drawing and Descriptive Geometry	0	3	E	5					
442P103	Chemistry	2	2	E	6					
443A105	Geology and Soil Science	1	3	E		6				
443Z101	Hydrology	2	2	E		6				
581Z101	Geodesy	1	3	E		6				
581Z204	Basics of Civil Engineering and Architecture	1	2	E		5				
581Z205	Geodesy and Measurement Practice	0	4	S		2				
911Z101	Professional Practice: Operational Practice	0	2	S		1				
622Z211	History of Garden and Park Creation	3	0	E			4			
211Z101	Drawing: Drawing Techniques	0	4	E			5			
622Z405	Outdoor and Indoor Ornamental Plants: Garden Floriculture	2	2	E			5			
622Z202	Woody Plants Science (Dendrology): Deciduous Woody Plants in Landscape Architecture	2	2	E			5			
422U306	Plant Ecology (Autecology)	1	2	E			4			
581Z203	Principles of Space Composition	1	2	E				4		
582Z103	Computer Project Graphics and Visualisation: Basics of Computer Graphics	0	3	E				4		
622Z201	Woody Plants Science (Dendrology): Coniferous Woody Plants in Landscape Architecture	2	2	E				5		
622Z316	Park and Garden Design, Theory and Practice: Theory of Garden and Park Design	2	2	E				5		
622Z207	Drawing: Garden and Landscape Drawing	0	4	E				5		
911Z102	Professional Practice: Specialised Practice	0	2	S				1		
911Z111	Bachelor Work Seminar	0	1	S				1		
622Z319	Vegetation Establishment and Maintenance	2	2	E					5	
622Z311	Park and Garden Design, Theory and Practice: Garden and Park Design	2	2	E					5	
622Z317	Design with Ornamental Flower Plants	1	3	E					5	
581Z201	Landscape Planning	2	2	E					6	
422U101	Landscape Ecology	1	2	E					4	
622Z306	Outdoor and Indoor Ornamental Plants: Interior Floriculture	1	2	E						4
622Z302	Studios for Garden, Park and Open Public Spaces Design: Garden Design Studio	0	4	E						5
582Z101	Constructions in Parks and Gardens	0	3	E						4
911Z002	Bachelor Project	1	1	S						10
<b>TOTAL OBLIGATORY ECTS CREDITS</b>					<b>30</b>	<b>26</b>	<b>23</b>	<b>25</b>	<b>25</b>	<b>23</b>
<b>TOTAL OBLIGATORILY ELECTIVE ECTS CREDITS</b>					<b>0</b>	<b>0</b>	<b>5/6</b>	<b>2</b>	<b>3/4</b>	<b>6</b>
<b>TOTAL ELECTIVE ECTS CREDITS</b>					<b>0</b>	<b>4</b>	<b>2/1</b>	<b>3</b>	<b>2/1</b>	<b>1</b>
<b>TOTAL CREDITS PER SEMESTER</b>					<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>
<b>Legend:</b> L = Lectures; P = projects, seminars, exercises, studios or practice; F = form of subject completion; E = subject completion by oral or written exam (+ submission of a project in case of planning and design subjects); S = subject completion by submission of a project, seminary work, design work or a report										

CODE	OBLIGATORILY ELECTIVE SUBJECTS	HOURS PER WEEK			SEMESTER - ECTS CREDITS					
		L	P	F	1	2	3	4	5	6
622Z320	Horticulture	2	2	E			6			
225Z501	History of Architecture and Art	2	2	E			5			
211Z201	Painting	0	4	S			3			
422U205	General Ecology	2	2	E			6			
211Z301	Course of Art Skills	0	2	S				2		
622Z213	Course of Greenery Biotechnics	0	2	S				2		
421A204	Geobotany	0	2	E				3		
481Z201	Geographic Information Systems: Basics of GIS	1	2	E					4	
582M405	Constructions in Civil Engineering	1	2	E					4	
581Z405	Terrain Arrangement and Landscaping	1	3	E					4	
421Z202	Irrigation Technology	1	2	E					4	
622Z204	Protection of Ornamental Plants	2	2	E						6
621A110	Grass Cultivation and Keeping	2	2	E						6
622Z308	Landscape Florist´s	1	2	E						4

**Legend:** *L* = Lectures; *P* = projects, seminars, exercises, studios or practice; *F* = form of subject completion; *E* = subject completion by oral or written exam (+ submission of a project in case of planning and design subjects); *S* = subject completion by submission of a project, seminary work, design work or a report

#### EXAMINATION REGULATIONS, ASSESSMENT AND GRADING:

Regulations are set in the Study Regulation of the Slovak University of Agriculture in Nitra (<http://ects.uniag.sk/ects-information-package/information-on-the-institution>).

#### GRADUATION REQUIREMENTS:

Bachelor state exam and bachelor thesis defence. More details are set in the Study regulation of Slovak University of Agriculture in Nitra (<http://ects.uniag.sk/ects-information-package/information-on-the-institution>).

#### ACCESS TO FURTHER STUDIES:

Graduates of this programme can proceed to master (2<sup>nd</sup> level) study programmes.

#### PROGRAMME GUARANTEE:

prof. Ing. Ľubica Feriancová, PhD., [lubica.feriancova@uniag.sk](mailto:lubica.feriancova@uniag.sk)

#### ELABORATION OF THE COURSE CURRICULUM:

prof. Ing. Ľubica Feriancová, PhD., e-mail: [lubica.feriancova@uniag.sk](mailto:lubica.feriancova@uniag.sk)  
prof. Ing. Ján Supuka, DrSc., e-mail: [jan.supuka@uniag.sk](mailto:jan.supuka@uniag.sk)

#### FORMAL ADJUSTMENT AND LAYOUT OF THE DOCUMENT:

Ing. Attila Tóth, e-mail: [xtotha@is.uniag.sk](mailto:xtotha@is.uniag.sk)

### *Course Curriculum*

## **MASTER STUDY PROGRAMME**

### *Garden and Landscape Architecture*

**QUALIFICATION AWARDED:** *Master degree MSc (in Slovak Republic Ing.)*

**LEVEL OF QUALIFICATION:** 2<sup>nd</sup> level of university studies

**MODE OF STUDY:** full – time

**DURATION:** 2 years (4 semesters)

#### **ADMISSION REQUIREMENTS:**

Basic admission requirements are set in the Study Regulation of the Slovak University of Agriculture in Nitra. The main requirement for admission to the master study programme is graduation in a bachelor study programme within the same or a related branch of study. Other conditions are good results in bachelor level of university studies and submission of a portfolio which is evaluated by a professional committee.

#### **PROGRAMME CURRICULUM:**

The study programme is realised within the branch of study *6.1.17 Landscape and Garden Architecture*. The master study programme focuses on acquirement of theoretical and practical knowledge based on the current state of science and art and the development of abilities to apply the acquired knowledge creatively either within professional practice or following postgraduate university studies. Graduates of the master study programme gain the second level of university education. They are given the academic title *Master MSc (in Slovak Republic Ing.)*.

The standard length of the second level of university studies (including practice) is 2 years. Graduates of the master study programme in *Garden and Landscape Architecture* are able to analyse and synthesise conditions, attributes and values of the landscape in terms of development, culture, historic structures, aesthetics, architecture and forms of landscape colonisation and land use. Graduates gain skills to evaluate and assess parks, gardens and other structures of residential and landscape greenery in terms of architectural styles, aesthetics, gene pool (woody plants and herbs). Master graduates are able to plan and design open land areas and open spaces of settlements in terms of green space design and creation for living, recreation, enhancing of ecological stability, aesthetic value and quality of environment. Graduates are professionally, organisationally and morally competent to deal with project, management, professional expertise, scientific and research tasks including issues of analytical, surveying, evaluative and design process for restoration and design of landscape structures, parks and gardens as objects of public use, heritage protection or landscape protection. Master graduates in *Garden and Landscape Architecture* can establish, manage and reconstruct vegetation structures and green spaces in settlements and open land. They are prepared for project, design and management practice and for PhD study as well.

**STUDY OUTCOMES, PROFESSIONAL CURRICULUM OF GRADUATES:**

Graduates of the master study programme *Garden and Landscape Architecture* are prepared for creative work and dealing with landscape architectural tasks at regional, settlement and zone levels with application of vegetation elements and architectural structures. They gain competence to reconstruct historic landscape structures, to create elements and objects of garden and park design, to revitalise and restore the rural landscape with emphasis on settlements and biotechnical improvements in the open landscape. Graduates in Garden and Landscape Architecture can also deal with related exhibitions, artistic works and small architecture elements as part of biotic vegetation elements in interiors, exteriors and open landscape.

**COURSE STRUCTURE DIAGRAM WITH ECTS CREDITS:**

CODE	OBLIGATORY SUBJECTS	HOURS PER WEEK			SEMESTER ECTS CREDITS			
		L	P	F	7	8	9	10
581Z303	Landscape Design and Architecture: Landscape Design	2	2	E	6			
213Z401	Computer Project Graphics and Visualisation: 3D Design and Visualisation	0	3	E	4			
581Z407	Restoration of Historical Parks and Rural Greenery: Restoration of Rural Greenery	1	3	E	5			
582Z302	Urban and Territorial Planning	1	2	E	6			
621Z307	Water Elements in Parks and Gardens	0	3	E	5			
622Z502	Studios for Garden, Park and Open Public Spaces Design: Special Greenery Design Studio	0	4	E		5		
213Z402	Computer Project Graphics and Visualisation: CAD in Garden and Landscape Design	0	3	E		4		
581Z401	Landscape Design and Architecture: Landscape Design Studio	0	4	E		5		
581Z403	Landscape Analysis, Cultural and Visual Values	2	2	E		6		
921Z401	Diploma Work Practice and Seminar	0	4	S		5		
622Z402	Design and Biotechnics of Landscape Greenery	3	1	E			6	
622Z401	Studios for Garden, Park and Open Public Spaces Design: Public Space Design Studio	0	5	E			5	
622Z403	Restoration of Historical Parks and Rural Greenery: Restoration of Historical Greenery	0	3	E			5	
582Z402	Design and Projecting of Buildings	0	4	E			5	
581Z503	Recreation Spaces Design	2	2	E			5	
911Z503	Landscape Planning and Design Practice	0	4	S				4
911Z301	Diploma Project	0	6	S				15
<b>TOTAL OBLIGATORY ECTS CREDITS</b>					<b>25</b>	<b>26</b>	<b>26</b>	<b>19</b>
<b>TOTAL OBLIGATORILY ELECTIVE ECTS CREDITS</b>					<b>4</b>	<b>4</b>	<b>4</b>	<b>6</b>
<b>TOTAL ELECTIVE ECTS CREDITS</b>					<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>TOTAL CREDITS PER SEMESTER</b>					<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>
<p><b>Legend:</b> <i>L</i> = Lectures; <i>P</i> = projects, seminars, exercises, studios or practice; <i>F</i> = form of subject completion; <i>E</i> = subject completion by oral or written exam (+ submission of a project in case of planning and design subjects); <i>S</i> = subject completion by submission of a project, seminary work, design work or a report</p>								

CODE	OBLIGATORILY ELECTIVE SUBJECTS	HOURS PER WEEK			SEMESTER - ECTS CREDITS			
		L	P	F	7	8	9	10
214Z201	Park and Garden Design, Theory and Practice: Art in Garden and Park Creation	0	3	E	4			
482Z401	Multimedia Presentation	0	3	E	4			
622Z313	Calculation in Park Project Design	0	3	E	4			
481Z401	Geographic Information Systems: Advanced Use of GIS	0	3	E		5		
622Z206	Woody Plant Reproduction and Seed Growing	1	2	E		5		
622Z407	Special Gardening	0	4	E		4		
622Z210	Flower Arrangement and Binding	0	3	E			4	
581Z301	Structure of Settlements	2	1	E			4	
622Z204	Protection of Ornamental Plants	2	2	E				6
422Z405	Environmental Impact Assessment	2	2	E				6

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**ACCESS TO FURTHER STUDIES:**

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**PROGRAMME GUARANTEE:**

prof. Ing. Ľubica Feriancová, PhD., [lubica.feriancova@uniag.sk](mailto:lubica.feriancova@uniag.sk)

**ELABORATION OF THE COURSE CURRICULUM:**

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