



Universität für Bodenkultur Wien
BOKU University, Vienna

Curriculum

for the Master Programme in

Landscape Architecture and Planning

Programme classification no. 066 419

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For legal purposes, only the version of the curriculum that has been published in the official journal (Mitteilungsblatt) is binding and valid - this English translation is for information purposes only.

CONTENTS

§1 QUALIFICATION PROFILE	4
§2 ADMISSION REQUIREMENTS	7
§3 PROGRAMME STRUCTURE	8
§4 COMPULSORY COURSES	9
§5 ELECTIVE COURSES	10
§6 FREE ELECTIVES	19
§7 MASTER'S THESIS.....	19
§8 COMPLETION OF THE MASTER PROGRAMME	19
§9 ACADEMIC DEGREE	19
§10 EXAMINATION REGULATIONS	20
§11 TRANSITIONAL PROVISIONS	21
§12 EFFECTIVE DATE	21
ANNEX A TYPES OF COURSES.....	22

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Curriculum of the Master Degree programme
“Landscape Architecture and Planning”
At the University of Natural Resources and Life Sciences, Vienna

As at October 1st, 2025

§1 QUALIFICATION PROFILE

The Master programme in **Landscape Architecture and Planning** is a degree programme which serves to deepen and extend students' pre-vocational academic education, building on the basis provided by a Bachelor degree programme (§ 51 [2] item 5 of the Universities Act UG 2002, Federal Law Gazette BGBl I no. 81/2009). The programme fulfils the requirements of Directive 2005/36/EC on the recognition of professional qualifications, article 11, letter e.

1a) Knowledge and Personal and Professional Skills

Graduates of the Master study programme Landscape Planning and Landscape Architecture are proficient in the theoretical as well as practical handling of landscape architecture, landscape construction and landscape -, water -, space -, recreational and nature conservation planning.

Graduates possess the knowledge, skills and competences needed in order to implement, critically reflect and independently utilize adequate subject-specific methods, planning tools, theories and concepts for planning and design processes. In this context, graduates are in the position to formulate, implement and develop concepts, plans, operational processes and measures for the compilation, assessment, development, design and maintenance of landscape-relevant questions (in rural as well as urban areas). They can develop sustainable interdisciplinary solutions.

After the graduation of the Master study programme Landscape Planning and Landscape Architecture, graduates are in the position to transfer their gained in-depth knowledge and expertise in occupational practice and to apply their knowledge scientifically in the context of research projects (also see qualification profiles of specialisations).

The following general abilities are to be enlarged and deepened:

- Problem-solving competence, linked thinking and global acting,
- Analytical thinking,
- Critical, reflexive thinking, which includes the ability to question one's own as well as others' point of views,
- Social competences such as responsibility, teamwork, leader qualities, independence,
- The ability to vividly gain necessary information,
- The ability to apply gained knowledge,
- The ability to accurately and exactly present and pass on gained insights and results

The following specific abilities are to be taught and / or developed:

- Problem-solving competences in the field of social ecology, ecology and design
- Ability to develop and realize design ideas from idea to concept to a final design programme

- Ability to supervise and lead the realisation of measures in the field of landscape design and nature conservation
- Ability to fulfil criteria stated under (1b)

1 a/1 Specialisation “Landscape Design and Public Space Design”

After the graduation of the specialisation „Landscape Design and Public Space Design” graduates are enabled to formulate the planning tools of landscape and open space planning and expert contributions in the field of landscape planning for a sustainable development in rural, semi-urban and urban areas. They can also identify implementation possibilities and present these in texts and concepts. Graduates are proficient when it comes to methods and theories of landscape planning and open space planning and can apply these independently in planning processes.

1 a/2 Specialisation “Landscape Architecture and Landscaping”

After the graduation of the specialisation Landscape Architecture and Landscaping graduates have a consolidated knowledge and skills in the field of landscape architectural object planning and construction. The reflection, conceptual design and production of urban spaces, squares, parks, gardens, residential expansion spaces and landscape are being developed, illustrated and carried out on all scale levels. Doing so, cultural scientific references have to be established, and the practical realization has to be accomplished. Graduates of the specialisation are enabled to determine and analyse landscape architectural questions on every scale and solve and present these by ways of planning and drafts. By draft solution we understand the spatial development and implementation of open areas by means of adequate artistic and functional design, a detailed implementation planning in the context of social scientific, artistic, natural scientific and technical competences. Furthermore, graduates are competent to generate tender procedures and to supervise the construction and maintenance work for open areas.

1 a/3 Specialisation “Recreation Planning”

Graduates know the basic concepts, legal foundations, definitions and parameters of recreational planning and tourism. They can critically assess offers in landscape-oriented tourism and in the field of leisure time and recreation. They can identify touristic potentials of nature and landscape and develop sustainable and target group-focused offers. They understand which effects leisure and recreational use as well as tourism have on landscape, nature, especially on sanctuaries, the local population, regional economy and those seeking recreation, how these have to be assessed, and which measures need to be taken in order to solve conflicts and offer preventive planning. They can apply instruments for the compilation, prediction, and guidance for leisure- and recreation-seekers in landscapes and name the needs and evaluate the behaviour of those seeking for recreation based on their knowledge of socio-psychological concepts. They are in the position to plan and realize leisure- and recreational infrastructure in landscapes. Largely, the contents of teaching are mediated via real practical examples as well as the results of research projects.

1 a/4 Specialisation “Applied Nature Conservation and Landscape Management”

Graduates know the pillars of nature conservation and landscape protection, the relevant legal foundation, the necessary measures for the preservation of habitat types and species as well as composition, structuring and moderation of planning processes from the point of view of nature conservation. They can name the purposes of conservation area types (national parks, Natura 2000 ...) and the international commitments from a nature conservation point-of-view. They can offer their contribution for the planning, monitoring and management.

They can identify nature conservation-related subjects of protection and develop as well as apply integral and sustainable support and protection concepts. They understand the operations of assessment processes related to nature conservation, their assessment criteria and collection methods, costs of measures and projects in nature conservation, support programmes for nature conservation as well as the technical authorities. They are in the position to comprehend and assess the effects of human actions on landscapes, nature and mankind and can take actions in order to solve conflicts and offer preventative nature conservation-related planning.

1 a/5 Specialisation “Water Management and Applications in River Landscape Management”

Graduates of the specialisation Water Management and Applications in River Landscape Management have basic and applied knowledge about essential chemical/physical and biotic functions and processes of aquatic ecosystems. They identify interdependencies of abiotic and biotic system components. Essential plant- and animal groups can be defined according to species, described based on their ecological needs and assessed according to human influences. Graduates are in the position to develop measures for the protection and for the restoration of aquatic ecosystems in terms of an ecologically oriented water management. They can carry out practical planning tasks and revise as well as assess their success.

1 a/6 Specialisation “Rural Development Planning”

Graduates of the specialisation Rural Development Planning are in the position to develop the information and value level of development processes together with local and regional stakeholders and against the background of the overall concept of sustainable development, reflect the integration of dimensions related to space and environment as well as social and economic aspects. Based on these reflections corresponding strategy and action plans can be derived. The teaching spectrum extensively covers the areas which are applied in development planning for rural areas. It is based on questions of spatial development, land use regulation politics and regional politics, rural social sciences, rural redevelopment, environmental planning as well as energy and resource planning and can, in addition, be further specialised and deepened in the framework of offered optional courses in the additional specialisation as well as in subjects related to planning, social and economic aspects. This allows graduates to have broad knowledge on recent instruments of rural development planning and to be proficient when it comes to a repertoire of methods in order to accompany and lead bottom-up processes for the vision and measurement development. Furthermore, they are in the position to suggest implementation measures and funding options as well as carry out assessments of developmental strategies and developmental measures for spatial structures, the environment and a sustainable development.

1b) Professional Qualifications

Graduates of the Master degree programme Landscape Architecture and Planning are especially enabled to work in the following fields of work:

- Freelance or commercial self-employed work as civil engineer, engineering adviser for landscape design and landscape architecture or business license for technical offices
- Work as consultant
- Employee in a design studio (landscape planning, recreation planning, spatial planning, traffic planning, water design, nature conservation, tourism)

- Executive position in a construction office
- Executive position in public administration such as the city or community administration, public authorities (county, province and federation)
- Executive position in biological reserve management and administration
- Educational and scientific institutions
- Unions, media, NGO's, international organizations like IUCN, UNESCO....

Landscape architecture and planning comprise the following fields of activities:

- Landscape design and public space design
- Gender mainstreaming and feminine design
- Landscape architecture, public space design and landscaping
- Urban and regional planning, transport planning
- Water design and engineering biology
- Land use, landscape maintenance, landscape maintenance design
- Nature conservation and landscape ecology
- Recreation design, biological reserve management and visitors' guidance
- Development planning for tourism, specifically eco-tourism, nature tourism and rural tourism
- Cross section-oriented environment design and professional accordance of environmental compatibility
- Environmental consulting and environmental education

§2 ADMISSION REQUIREMENTS

Graduates of the Bachelor programme in Landscape Architecture and Planning offered by BOKU University of Natural Resources and Life Sciences are eligible for admission with no further requirements.

For graduates of Bachelor programmes completed at other universities, mastery of the following learning outcomes are required for admission:

- Knowledge, skills and competence in landscape planning
- Knowledge, skills and competence in landscape architecture
- Knowledge, skills and competence in landscaping and vegetation technology
- Knowledge, skills and competence in landscape management and nature conservation
- Knowledge, skills and in botany
- Basics in regional planning
- Basics in sociology
- Basics in ecology and zoology
- Basics in soil sciences and geology
- Basics in hydrobiology

Furthermore, competences in English at a level of B2 (according to the Common European Framework of Reference for Languages by the Council of Europe) are recommended.

§3 PROGRAMME STRUCTURE

3a) Duration, Total ECTS Credits and Structure

The programme consists of courses and other requirements worth a total of 120 ECTS credits. This is equivalent to a duration of four semesters (a total of 3,000 60-minute credit hours). The programme is divided into

Compulsory courses:	28 ECTS credits, including
Master's Thesis seminar:	2 ECTS credits
Master's Thesis:	30 ECTS credits
Elective courses:	44 ECTS credits
Free electives:	18 ECTS credits
Foreign language- taught courses*):	5 ECTS credits

The 44 ECTS credits for elective courses have to be chosen from the specialisation modules. Besides the possibility of choosing an individual collection of elective courses from the modules listed in § 5, a specialisation can be chosen.

If a specialisation is chosen, 44 ECTS credits have to be chosen according to the following: The compulsory modules for the specialisation have to be chosen, as well as a total of 9 ECTS credits from each elective module of the specialisation.

*) Re foreign language-taught courses

Students are required to complete courses, which are related to the field of study, worth a total of 5 ECTS credits taught in a foreign language. These courses can be compulsory courses, elective courses, internships or free electives. Courses taken at international universities abroad are to be credited. General language courses (with the exception of specialised language courses) will not be considered. (General foreign language courses may be credited in the framework of free elective courses.)

3b) Three-Pillar Principle

The three-pillar principle is one of the central identifying characteristics of both the Bachelor and Master programmes offered at the University of Natural Resources and Life Sciences, Vienna. In the Master programmes, the sum of the compulsory and elective courses must be made up of at least

- 15% technology and engineering
- 15% natural sciences
- 15% economic and social sciences, law

The Master's Thesis, compulsory internship and free electives are excluded from the three-pillar rule.

3c) Limited Number of Participants in Courses

For courses with a limited number of participants the head of the Master course is authorized to first admit students enrolled in the Master programme (that means that students enrolled in a Bachelor study programme can only be admitted to the courses if further spaces are left on the course!) The admission of students enrolled in the Master study programme is conducted according to the following order of required courses by the students: compulsory course, elective course, free elective course.

§4 COMPULSORY COURSES

Used Abbreviations:

ECTS = European Credit Transfer System

WS = Winter Semester

SS = Summer Semester

Notes:

- 1) In English
- 2) In English and German
- 3) Courses not offered in the academic year 2025/26
- 4) Courses only offered in uneven academic years (e.g. 2021/22, 2023/24)
- 5) Courses only offered in even academic years (e.g. 2022/23, 2024/25)

The following compulsory courses are required to complete the Master programme:

Course Title	Course Type	ECTS Credits
Landscape planning project (landscape planning, recreational planning, environment protection, spatial planning, landscape architecture, waters)	PJ	7.0
Landscape design project	PJ	7.0
Landscape planning II	VS	2.0
Landscape architecture II	VS	2.0
Landscape construction II	VS	2.0
Spatial planning: legal and planning instruments	VO	2.0
Socio-economic aspects in landscape planning and landscape architecture	VS	2.0
Landscape management and nature conservation II	VO	2.0
Master's thesis seminar	SE	2.0

§5 ELECTIVE COURSES

Elective courses worth a total of 44 ECTS credits are required to complete the Master programme.

§ 5.1 Specialisation: Landscape Planning and Open Space Planning

Compulsory Courses of the Specialisation

Course Title	Course Type	ECTS Credits
Project in landscape planning ²	PJ	9.0
Planning instruments of landscape planning and open space design ²	VS	3.0
Landscape planning - field trip II	VX	3.0

Elective Module 5.1.1 Landscape Design

Course Title	Course Type	ECTS Credits
History of land use and landscape planning ⁴	VS	3.0
Sectoral planning and landscape planning ⁴	PJ	4.5
Regional economy and subsistence culture ⁵	VO	2.0
Regional economy and subsistence culture ⁵	PJ	3.0
Landscape planning methods for land use mapping ⁵	PJ	7.5
Landscape structures and mapping for landscape planning	PJ	4.5
Landscape planning and strategies for implementation ³	VS	4.5
Special aspects of landscape planning ⁴	VS	3.0
Gender mainstreaming in planning and professional practice ^{2,5}	VS	4.5
Visual thinking in landscape planning and in the arts ⁵	SE	3.0
Spatial impact assessment	VS	3.0
Advanced level remote sensing and GIS	VU	3.0
Climate change and global aspects in planning and spatial development ¹	VX	6.0

Elective Module 5.1.2 Public Space Design

Course Title	Course Type	ECTS Credits
Management	VS	3.0
Reading and interpreting of texts on landscape planning topics ⁴	SE	4.5
Feminist fundamentals of landscape planning ⁴	SE	3.0
Feminist view on urban and rural regions ⁵	EX	3.0
Project to landscape construction, vegetation engineering and soil bioengineering	PJ	6.0

Social sciences applied to landscape architecture ⁵	VU	3.0
Participatory approaches to landscape planning ⁵	VS	3.0
Subsistence as basis for open space planning	SE	4.5
Site planning in landscape planning ⁵	PJ	3.0
Communal planning and landscape planning ⁴	PJ	4.5
Women in the history of landscape planning and the fine garden design ⁵	VX	3.0
Contemporary landscape architecture ¹	SE	3.0
Pedestrian and bicycle traffic	VO	2.0
Pedestrian and bicycle traffic ¹	SE	1.5
Ecological aspects of planning and construction ³	SE	2

Elective Module 5.1.3 Cultivation and Land Use

Course Title	Course Type	ECTS Credits
Nature conservation related planning	PJ	4.5
GIS in landscape - planning	VU	4.5
Strategies and instruments of recreational planning	VO	3.0
Road planning and environmental protection	VU	4.0
Landscape planning in the country ⁵	VS	3.0
Peasant economies and sustainable development ⁴	VO	2.0
Peasant economies and sustainable development ⁴	SE	3.0
Women in rural gardening and agriculture	VU	3.0
LA 21 - Processes and sustainable urban and regional development ⁴	SE	4.5
Development of a transport master plan for a town	SE	4.0
International land management ¹	VS	1.5
Applications in river landscape management and conservation ¹	VX	3.0
Restoration and conservation of riverine landscapes I	SE	4.0
Restoration and conservation of riverine landscapes II	SE	2.0
Rural development ¹	VO	3.0
Silvicultural strategies for balancing multiple stakeholder interests in mountain forests	VS	3.0

§ 5.2 Specialisation: Landscape Architecture and Landscaping

Compulsory Courses of the Specialisation

Course Title	Course Type	ECTS Credits
Landscape architecture and implementation planning	PJ	12.0
History of landscape architecture	VO	2.0
Building materials	VO	2.0

Elective Module 5.2.1 Theory and Conception

Course Title	Course Type	ECTS Credits
Social sciences applied to landscape architecture ⁵	VU	3.0
Landscape architecture in urban planning	VS	4.5
Theories and methods of landscape architecture	VS	3.0
Contemporary landscape architecture ¹	SE	3.0
Preservation of historic gardens	VS	3.0
Aesthetics and consciousness of space	VU	4.0
Planting design	VS	3.0
Planning instruments of landscape planning and open space design ¹	VS	3.0
Gender mainstreaming in planning and professional practice ^{2,5}	VS	4.5
Digital visualisation techniques	VS	3.0
Contemporary urbanism ^{1,3}	VO	2

Elective Module 5.2.2 Design and Detailed Planning

Course Title	Course Type	ECTS Credits
Global design studio ¹	PJ	6.0
Design aspects in construction details	PJ	6.0
Design workshop	PJ	2.0
Planting design	PJ	4.5
CAD applied to landscape architecture project	PJ	4.5
Transport planning and highway engineering ⁴	VU	3.0
Building craft and construction	VS	6.0
Technical detailing, height and stake-out planning	VS	4.5
Project to landscape construction, vegetation engineering and soil bioengineering	PJ	6.0
Sketching ²	VU	3.0
Modelling	SE	3.0
Field trip to landscape architecture II	EX	3.0

Elective Module 5.2.3 Implementation and Construction Management

Course Title	Course Type	ECTS Credits
The legal environment and standardization in landscape architecture ^{3,5}	VO	2.0
Management of construction and building supervision and planning/building laws	VS	4.5
Management	VS	3.0
Tree biology, tree control and arboriculture	VS	4.5
The nature of tree nursery	VS	3.0
Irrigation technologies and management ¹	VS	1.5
Construction of sports facilities ⁵	VS	3.5
Seed identification course ⁴	PR	1.5
Building greenery: functions and basic technologies for roof and facade greening ¹	VS	3.0
Lighting Technique ⁴	VS	3.5

Earth work and soil engineering in landscaping	VS	3.0
Field trip to landscape construction and science of building materials	EX	3.0
Soil and water bioengineering in the context of nature based solutions	VS	3.0
Practical course to soil bioengineering techniques	PR	3.0
Field trip to soil bioengineering	EX	3.0
Willow identification course	PR	3.0

§ 5.3 Specialisation: Applied Nature Conservation and Landscape Management

Compulsory Courses of the Specialisation:

Course Title	Course Type	ECTS Credits
Rating and mapping of nature conservation aspects in landscape planning	VO	3.0
Planning and management of protected areas	VO	2.0
Nature conservation related planning ²	PJ	4.5
Nature protection - and environmental law	VO	3.0
Natura 2000 - examples from practice, implementation and management	UE	1.5

Elective Module 5.3.1 Principles and Instruments

Course Title	Course Type	ECTS Credits
Methods of species and habitat conservation ³	SE	3.0
Landscape ecology field course ^{3,5}	PJ	4.5
Biodiversity of animals in cultural landscapes	VS	3.0
Selected animals of Central European landscapes	VU	4.0
Strategies and instruments of recreational planning	VO	3.0
Ecology of aquatic systems ^{1,3}	VO	3.0
Road planning and environmental protection	VU	3.0
Urban ecology ¹	SE	3.0
Ecology and sociology of grassland	VX	4.5
Soil ecology ¹	VO	3.0
Human dimensions in wildlife research & management ¹	VO	1.5
Austrian habitats	EX	4.5

Elective Module 5.3.2 Landscape Management

Course Title	Course Type	ECTS Credits
Applied landscape management	VS	4.5
Integrated landscape management	VS	6.0
Wildlife management issues in protected areas in Central Europe ¹	VO	1.5
Institutional innovation and sustainability transformation ¹	VU	3.0
LA 21 - Processes and sustainable urban and regional development ⁴	SE	4.5
Cultural landscape and ecotourism	VO	2.0
Rural tourism ¹	VO	2.0
Ecological river landscape management ¹	VO	2.0
Ecohydromorphological mapping ¹	VU	2.0
Applied leisure and recreation planning	VS	3.0

Elective Module 5.3.3 Assessment, Planning and Implementation

Course Title	Course Type	ECTS Credits
Programs and subsidies for landscape development	VS	3.0
Cost planning of activities and projects in the field of nature conservation	UE	1.5
Environmental impact assessment	VS	3.0
Nature conservation in practice	SE	4.5
Landscape conservation accompanying planning	VS	3.0
Advanced GIS in landscape - planning	VU	4.5
Botanical-Ecological Excursion ^{1,3}	EX	6.0
Monitoring and modelling of visitor flows	VS	3.0
Restoration and conservation of riverine landscapes I	SE	4.0

§ 5.4 Specialisation: Recreational Planning

Compulsory Courses of the Specialisation:

Course Title	Course Type	ECTS Credits
Planning for nature based tourism ¹	VO	2.0
Applied leisure and recreation planning	VS	3.0
Rural tourism ¹	VO	2.0
Cultural landscape and ecotourism	VO	2.0
Recreation infrastructure planning	VS	4.5
Field trip - recreation planning ²	EX	1.5
Recreation law	VO	1.0

Elective Module 5.4.1 Planning and Management of Protected Areas

Course Title	Course Type	ECTS Credits
Planning and management of protected areas	VO	2.0
Human dimensions in wildlife research & management ¹	VO	1.5
Strategies and instruments of recreational planning	VO	3.0
Nature conservation related planning ²	PJ	4.5
Integrated landscape management	VS	6.0
Applied landscape management	VS	4.5
Programs and subsidies for landscape development	VS	3.0
Natura 2000 - examples from practice, implementation and management	UE	1.5
Cost planning of activities and projects in the field of nature conservation	UE	1.5
Wildlife management issues in protected areas in Central Europe ¹	VO	1.5
Monitoring and modelling of visitor flows	VS	3.0

Elective Module 5.4.2 Regional Development and Planning

Course Title	Course Type	ECTS Credits
Tourism and leisure planning	VU	3.0
LA 21 - Processes and sustainable urban and regional development ⁴	SE	4.5
Systemic consulting strategy for sustainable developments	VS	4.5
Road planning and environmental protection	VU	4.0
Environmental impact assessment	VS	3.0
Spatial impact assessment	VS	3.0
Regional and environmental economics	VU	4.5
Methods and tools of rural development	VO	3.0
Core seminar rural development	SE	3.0
Advanced GIS in landscape - planning	VU	4.5

Elective Module 5.4.3 Planning of Recreational Infrastructure

Course Title	Course Type	ECTS Credits
Construction and landscape	VO	2.0
Digital visualisation techniques	VS	3.0
Management	VS	3.0
Aesthetics and consciousness of space	VU	4.0
Recreation in riverine landscapes ¹	SX	3.0
Landscape conservation accompanying planning	VS	3.0
Technical detailing, height and stake-out planning	VS	4.5
Design aspects in construction details	PJ	6.0

Construction of sports facilities ⁵	VS	3.5
Bioclimatology	VU	3.0

§ 5.5 Specialisation: Water Management and Application in River Landscape Management

Compulsory Courses of the Specialisation:

Course Title	Course Type	ECTS Credits
Hydrology and water management I	VO	3.0
Water legislation ¹	VO	2.0
Ecological river landscape management ¹	VO	2.0
Physical environment of riverine landscape ¹	VO	2.0
Hydrobiology II	VO	1.5
Human impacts in riverine landscapes ¹	VO	2.0
Applications in river landscape management and conservation ¹	VX	3.0

Elective Module 5.5.1 Freshwater Ecology - Principles and Assessment

Course Title	Course Type	ECTS Credits
Ecohydromorphological mapping ¹	VU	2.0
Interdisciplinary concepts of river-society interactions ¹	VS	3.0
Ecology of fishes ¹	VO	3.0
Taxonomy and ecology of benthic invertebrates ¹	VU	3.0
Fish sampling and monitoring ¹	VU	3.0
Fish ecological status assessment ¹	VU	3.0
Ecology of aquatic plants ¹	VU	2.0
Ecology of algae ¹	VU	2.0
Ecology, restoration and conservation of aquatic and riparian vegetation ¹	VU	2.0
Benthic invertebrate sampling and monitoring ¹	VU	3.0
Benthic invertebrate status assessment ¹	VU	3.0
Environmental history of river systems ¹	VS	3.0
Selected chapters in ecology of aquatic environments	VO	3.0
Ecology of aquatic systems ^{1,3}	VO	3.0
GIS in riverscape planning ¹	VU	2.0

Elective Module 5.5.2 Related Disciplines

Course Title	Course Type	ECTS Credits
Recreation in riverine landscapes ^{1,3}	SX	3.0
Computer based river modelling ^{2,3}	VU	3.0
Water resources management in developing cooperation ¹	VU	3.0

Sediment regime and river morphology ³	VO	3.0
Bioclimatology	VU	3.0
Possible impacts of climate change on water resources ¹	VO	3.0
Advanced level remote sensing and GIS	VU	3.0
Statistical data analysis with SPSS ^{1,3}	VS	3.0
Field trip to soil bioengineering	EX	3.0
Practical course to soil bioengineering techniques	PR	3.0
Spatial impact assessment	VS	3.0

Elective Module 5.5.3 Planning and Management

Course Title	Course Type	ECTS Credits
Restoration and conservation of riverine landscapes I ¹	SE	4.0
Restoration and conservation of riverine landscapes II ¹	SE	2.0
Rating and mapping of nature conservation aspects in landscape planning ³	VO	3.0
Torrent and avalanche control	VX	3.0
Monitoring in river engineering ³	VO	3.0
Mediation	SE	3.0
Management	VS	3.0
Institutional innovation and sustainability transformation ¹	VU	3.0
Solution of conflicts between ecological integrity and engineering of rivers ³	VO	3.0
Environmental impact assessment	VS	3.0

§ 5.6 Specialisation: Rural Development

Compulsory Courses of the Specialisation:

Course Number	Course Title	Semester	Course Type	ECTS Credits
855308	Politics of spatial and regional planning	WS	VO	3.0
855303	Spatial impact assessment	SS	VS	3.0
855326	Spatial research in rural areas	SS	VO	2.0
855328	Land policy and land rearrangement	WS	VO	2.0
855315	Excursion in spatial planning	SS	EX	3.0

Elective Module 5.6.1 Methods of Planning

Course Title	Course Type	ECTS Credits
Integrated spatial and energy planning	VS	3.0
Sustainable spatial development and energy transition ¹	VS	6.0
Managing rural development processes ⁴	VU	3.0
Research methods in spatial and environmental planning	VS	3.0

Development of a transport master plan for a town	SE	4.0
Road planning and environmental protection	VU	4.0
Tourism and leisure planning	VU	3.0
Spatial planning in alpine areas	VO	2.0
Geodata for GIS-application in Austria	VU	3.0
Socio-cultural aspects of the development of rural areas	VO	3.0
Management of rural development - seminar	SE	3.0
Strategies and instruments of recreational planning	VO	3.0
Gender mainstreaming in planning and professional practice ^{1,5}	VS	4.5

Elective Module 5.6.2 Rural Development

Course Title	Course Type	ECTS Credits
Advanced project in spatial planning ⁵	PJ	6.0
Construction and landscape ³	VO	2.0
Minor rural roads	VO	2.0
Land consolidation project	PJ	3.0
LA 21 - Processes and sustainable urban and regional development ⁴	SE	4.5
Regional economy and subsistence culture ⁵	VO	2.0
Regional economy and subsistence culture ⁵	PJ	3.0
Sectoral planning and landscape planning ⁴	PJ	4.5
Nature conservation related planning ²	PJ	4.5
Forest history	VX	3.0
Contemporary agrarian history	VO	3.0

Elective Module 5.6.3 Socioeconomics and Resource Management

Course Title	Course Type	ECTS Credits
Institutional innovation and sustainability transformation ¹	VU	3.0
Strategies of sustainability	SE	3.0
Regional and environmental economics	VU	4.5
Business management I	VU	3.0
Precautionary environmental management	VO	2.0
Precautionary environmental management	SE	3.0
Organic farming and regional development	VS	3.0
Protection of natural resources by organic farming ^{1,4}	VS	3.0
Peasant economies and sustainable development ⁴	VO	2.0
Peasant economies and sustainable development ⁴	SE	3.0

§6 FREE ELECTIVES

Free electives worth a total of 18 ECTS credits are required to complete the Master programme. Free electives may be selected from all courses offered by all recognized universities in Austria and abroad. Free electives are intended to impart knowledge and skills in the student's own academic subject as well as in fields of general interest.

§7 MASTER'S THESIS

A Master's Thesis is a paper on a scientific topic, to be written as part of a Master degree programme (for exceptions please see the By Laws of the University of Natural Resources and Life Sciences, Vienna, part III- Teaching, § 30[9]). The thesis is worth a total of 30 ECTS credits. With their Master's Thesis, students demonstrate their ability to independently address a scientific topic, both thematically and methodologically (§ 51 [8] UG 2002 BGBl. I no. 81/2009).

The topic of a Master's Thesis shall be chosen in such a way that it is reasonable to expect a student to be able to complete it within six months. Multiple students may jointly address a topic, provided that the performance of individual students can be assessed (§ 81 [2] UG 2002 BGBl. I no. 81/2009).

The Master's Thesis shall be written in German or English. Languages other than German or English are permissible only if approved and confirmed by the thesis supervisor. The thesis defence must be held in German or English regardless of the language of the thesis.

§8 COMPLETION OF THE MASTER PROGRAMME

The Master programme in Landscape Architecture and Planning has been completed when the student has passed all required courses and received a positive grade on the Master's Thesis and defence examination.

§9 ACADEMIC DEGREE

Graduates of the Master programme in Landscape Architecture and Planning are awarded the academic title Diplom-Ingenieur (m) or Diplom-Ingenieurin (f), abbreviated as Dipl.- Ing./ Dipl.-Ing.ⁱⁿ or DI/DIⁱⁿ. The academic title Dipl.-Ing./Dipl.-Ing.ⁱⁿ or DI/DIⁱⁿ, if used, shall precede the bearer's name (§ 88 [2] UG 2002 BGBl. I no. 81/2009).

§10 EXAMINATION REGULATIONS

(1) The Master programme in Landscape Architecture and Planning has been completed successfully when the following requirements (corresponds to components in [7] below) have been met:

- positive completion of compulsory courses worth a total of 28 ECTS credits (§ 4)
- positive completion of elective courses worth a total of 44 ECTS credits (§ 5)
- positive completion of free electives worth a total of 18 ECTS credits (§ 6)
- a positive grade on the Master's Thesis and the defence examination

(2) Student evaluation takes the form of course and module examinations. Course examinations can be either written or oral, as determined by the course instructor, taking the ECTS credit value of the course into account. Any prerequisites for admission to examinations shall be listed in § 4 under the respective course/module.

(3) The choice of examination method shall be based on the type of course: Lectures shall conclude with a written or oral examination, if continuous assessment of student performance is not applied. Seminars and project-based courses can be evaluated based on independently written papers, length and contents of which are determined by the course instructor. For all other course types, the examination type is at the instructor's discretion.

(4) The topic of the Master's Thesis shall be selected from one of the subjects of the Master programme. The student must inform the dean in writing prior to the commencement of the work on the Master's Thesis. Thereby, the student has to state the Master's Thesis topic as well as the name of the supervisor of the Master's Thesis.

(5) The completed Master's Thesis which has been assessed positively by the supervisor shall be publicly presented by the student and defended in the form of an academic discussion (defence examination) after successful completion of all courses. The committee shall consist of a committee chair and two additional university lecturers with a *venia docendi* or equivalent qualification. The student's total performance (thesis and defence examination) will be assigned a comprehensive grade. Both thesis and defence examination must receive a passing grade for the student to complete the programme. The written evaluations stating the grounds for the thesis grade and the defence examination grade are included in calculating the comprehensive grade and are documented separately.

The comprehensive grade is calculated as follows:

- Master's Thesis: 70%
- Defence examination (incl. presentation): 30%

(6) A comprehensive evaluation of the student's performance on the entire programme shall be assigned. A comprehensive evaluation of "passed" means that each individual component of the programme was completed successfully. If individual components of the programme have not been successfully completed, the comprehensive evaluation is "failed". A comprehensive evaluation of "passed with honours" is granted if the student has received no grade

worse than a 2 (good) on all individual components, and if at least 50% of the individual components were graded with 1 (excellent).

§11 TRANSITIONAL PROVISIONS

Students who have not completed the formerly effective Master's curriculum in Landscape Architecture and Planning (H 419) when this new Master's curriculum comes into force are transferred to the currently valid one.

For students in the new Master's curriculum already positively completed exams on courses from the old Master's curriculum are acknowledged based on the equivalence list for the respective study programme.

The compulsory completion of foreign language courses applies for students who began their studies under the new curriculum on October 1st, 2011, or after.

§12 EFFECTIVE DATE

This curriculum shall take effect on October 1st, 2025

ANNEX A TYPES OF COURSES

The following types of courses are available:

Lecture (VO)

Lectures are courses in which certain areas of a subject and the methods used in this area are imparted through didactic presentation.

Lab Course (UE)

Lab courses are courses in which students are instructed in specific practical skills, based on theoretical knowledge.

Practical Course (PR)

Practical courses are classes in which students deal with specific topics independently, based on previously acquired theoretical and practical knowledge.

Compulsory Internship Seminar (PP)

The compulsory internship seminar is a class in which students deal independently with topics related to their internship placements, based on previously acquired theoretical and practical knowledge.

Seminar (SE)

Seminars are courses in which students are required to work independently on the respective subject, deepen their knowledge of the topic and discuss relevant issues.

Field Trips (EX)

Field trips are courses in which students have the opportunity to experience relevant fields of study in real-life practical application, to deepen their knowledge of the respective subject. Field trips can be taken to destinations both in Austria and abroad.

Master's Thesis Seminar (MA)

Master's Thesis seminars are seminars intended to provide students with academic support during the thesis writing process.

Project Course (PJ)

Project courses are characterized by problem-based learning. Under instruction, students work (preferably in small groups) on case studies, applying appropriate scientific methods.

Mixed-Type Courses:

Mixed-type courses combine the characteristics of the courses named above (with the exception of project-type courses). Integration of different course-type elements improved the didactic value of these courses.

Lecture/Seminar (VS)

Lecture/Lab (VU)

Lecture/Field Trip (VX)

Seminar/Field Trip (SX)

Lab/Seminar (US)

Lab/Field Trip (UX)