

# SLUkurs

## Landscape Architecture for Sustainable Urbanisation - Master's Programme

**Version 2.** Is valid between autumn 2019 and spring 2022

### DECISION

**Programme code:**

LM009

**Scope:**

120 ECTS

**Date:**

2017-10-11

**Decision by:**

Utbildningsnämnden

**Revised by:**

2018-10-17

Programnämnden för utbildning inom landskap och trädgård (PN - LT)

**SLU Id:**

SLU ua 2017.3.1.1-3793

**Board responsible:**

Programnämnden för utbildning inom landskap och trädgård (PN - LT)

### PRIOR KNOWLEDGE AND OTHER ENTRY REQUIREMENTS

To be eligible for the Landscape Architecture for Sustainable Urbanisation - Master's programme, the requirements are a Bachelor's degree (undergraduate cycle) corresponding to a minimum of 180 credits, including 90 credits specialisation in one of the following subjects/educational areas:

- Architecture
- Landscape Architecture
- Landscape Planning
- Built Environment\*
- Design\*
- Spatial Planning\*
- Geography\*
- Landscape Science\*

- Environmental Science\*
- Civil Engineering\*

For subjects/teaching areas marked \* a portfolio must also be submitted.

The submitted portfolio will be assessed according to the following criteria:

- *Relevance to the subject area – has the student worked on issues within landscape architecture?*
- *Level of knowledge – has the student formulated the task in a relevant theoretical context?*
- *Skills – has the student demonstrated an ability to formulate the task in a comprehensible way in text or pictures?*

If the portfolio meets the above criteria, the applicant is deemed as qualified, and is considered to have the ability to profit by the education. The assessment of the portfolio is made by the Programme board for educations within landscape and horticulture.

Alternatively, one of the following professional degrees must have been obtained:

- Degree of Master of Science in Landscape Architecture, Degree of Master of Science in Architecture or Degree of Bachelor of Science in Landscape Construction and Management.

The requirements for special eligibility as stated above can also be fulfilled by those who have equivalent knowledge through a foreign degree or if equivalent knowledge has been obtained in another way.

In addition, knowledge corresponding to English 6 (Swedish secondary school) is required. This is according to a local SLU decision fulfilled by those who have a degree comprising at least 180 credits at first cycle level from a Swedish higher educational institute or 120 credits completed studies at SLU. English 6 can also be achieved in other ways, which are specified at [universityadmissions.se](http://universityadmissions.se).

For admission to the courses included in the program, the requirements for special qualifications are stated in the syllabus for each individual course.

## **INTENDED LEARNING OUTCOMES**

### **General objectives**

The general objectives for first- and second-cycle courses and programmes are specified in the Swedish Higher Education Act (Chapter 1, Sections 8–9).

## **Objectives for a Degree in XX**

In accordance with the annex to the Ordinance for the Swedish University of Agricultural Sciences (SLU), for a Degree of Master (120 credits), the student shall:

### *Knowledge and understanding*

For a Degree of Master (120 credits) the student shall

- demonstrate knowledge and understanding in the main field of study, including both broad knowledge of the field and a considerable degree of specialised knowledge in certain areas of the field as well as insight into current research and development work, and
- demonstrate specialised methodological knowledge in the main field of study.

### *Competence and skills*

For a Degree of Master (120 credits) the student shall

- demonstrate the ability to critically and systematically integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information,
- demonstrate the ability to identify and formulate issues critically, autonomously and creatively as well as to plan and, using appropriate methods, undertake specialised tasks within predetermined time frames and so contribute to the formation of knowledge as well as the ability to evaluate this work,
- demonstrate the ability in speech and writing both nationally and internationally to report clearly and discuss his or her conclusions and the knowledge and arguments on which they are based in dialogue with different audiences, and
- demonstrate the skills required for participation in research and development work or autonomous employment in some other qualified capacity.

### *Judgement and approach*

For a Degree of Master (120 credits) the student shall

- demonstrate the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical considerations and also to demonstrate awareness of ethical aspects of research and development work,
- demonstrate insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used, and
- demonstrate the ability to identify the personal need for further knowledge and take responsibility for his or her ongoing learning.

## **DEGREE**

### **Degree awarded on completion of the programme**

Landscape Architecture for Sustainable Urbanisation – Master’s Programme aims at a Degree of Master of Science with a major in Landscape Architecture, a general

qualification. See SLU:s internal directives for grading systems and examination rights.

Students who fulfill the qualification requirements for the Degree of Master of Science (120 credits) will be provided with a degree certificate upon request. The degree certificate will specify the qualification as Degree of Master of Science (120 credits) with a major in Landscape Architecture.

### **Degree requirements**

A Degree of Master of Science (120 credits) with a major in Landscape Architecture will be awarded on completion of the course examinations (Pass grades) to the value of 120 credits, with the following requirements:

- a minimum of 30 credits courses shall concern in-depth study within Landscape Architecture (A1N, A1F),
- a minimum of 30 credits shall concern independent work (degree project) within Landscape Architecture (A2E).

Maximum of 30 credit courses at first cycle level.

There is additional requirement of a completed Degree of Bachelor, Professional Degree of a minimum of 180 credits or a corresponding overseas qualification.

## **CONTENT AND OUTLINE**

### **Programme description**

The purpose of the program is to provide students with a bachelor's degree related to landscape architecture an opportunity to immerse themselves in those parts of the subject that concerns sustainable urban and rural perspectives. The resulting master's degree is preparing for an academic research career or a professional career in the part of the landscape architecture that a Bachelor's degree, or Professional degree, in combination with the specialization within the program makes possible.

The programme is flexible within the frame of available courses, which almost all are shared with year 4-5 of the Landscape Architecture programme in Uppsala. After the first semester the students choose freely between courses, where also other courses at the Department of Urban and Rural development fit in. The freedom to choose implies an opportunity to specialize within the frame of the subject. The education ends with the independent master's project course (30 credits).

All learning objectives are at least touched upon during the first semester, but are deepened in different ways and to a large extent throughout the program. Particularly the scientific aspects are prepared in a theory- and methodology course that precedes the independent work.

Students gain different levels of knowledge, depending on interest, need and personal inclination, on the scientific and artistic foundation of landscape architecture, the theory and history of landscape architecture, and different processes for planning, design and development of landscapes. Furthermore, the students are expected to gain knowledge in the professional aspects of landscape architecture, its methods, techniques and materials, relevant legislation, and people's different needs, experiences and use of the physical environment.

Courses in urban development and large scale landscaping provide methodology and practice in an international context focusing on sustainability issues. An important aspect is the ability to understand the motives and frameworks for physical planning and society's organization. Knowledge of sustainability and long-term development at a more detailed level is also communicated in a course aimed at managing cultural environments and green infrastructure.

The programme provides training of a number of skills, such as initiating and formulating processes for design, planning and development of landscapes and implementing and evaluating qualified and creative tasks within the area of landscape architecture. Other important aspects of the programme involve integrating different competences and user groups in design, planning and development processes, judging and managing complex phenomena and problems – particularly regarding sustainable development of landscapes in the tracks of urbanisation. The teaching takes place through lectures and literature studies as well as field trips and project/studio work.

The programme is taught in English.

### **Courses in the programme**

Six courses as well as an independent project are given within the programme. At admission to the programme, the students are admitted to the courses "Landscape architecture: History, theory and practice" and "Studio – Landscape architecture for sustainable urban design". An independent project of at least 30 credits (landscape architecture, A2E) is compulsory for a Degree of Master of Science (120 credits).

#### **Year 1**

##### *Autumn Semester*

Landscape Architecture: History, theory and practice, 15 hp (Landscape Architecture, A1N)

Studio – Landscape architecture for sustainable urban design, 15 hp (Landscape Architecture, A1N)

##### *Spring Semester*

Roles and methods for landscape architecture in comprehensive planning, 15 hp (Landscape Architecture, A1N)

Studio - Urban ecology for landscape architecture, 15 hp (Landscape Architecture, A1N)

Year 2

*Autumn Semester*

Landscape planning in theory and practice, 15 hp (Landscape Architecture, A1F)

GIS and geographic analysis, 15 hp (Technology/Technique, A1N)

*Spring Semester*

Independent project, 30 hp (Landscape Architecture, A2E)

The courses offered may change during the course of the programme. Decisions on the courses offered are taken well in advance of the next academic year.

Course syllabus - detailed information is available on the SLU student web.

## **OTHER INFORMATION**

### **General regulations for first- and second-cycle courses and programmes**

For more information on semester dates, examination and credit transfer, see the Regulations for education at Bachelor's and Master's level available on the SLU student web.

### **Possibilities for further studies**

Students who complete Landscape Architecture for Sustainable Urbanisation – Master's programme and are awarded a degree have the possibility to continue their studies at doctoral level.