



# SLUkurs

## Syllabus for Horticultural Management – Garden Design (BSc)

**Version 1.** Is valid between autumn 2021 and spring 2022

### DECISION

**Programme code:**

LY011

**Scope:**

180 ECTS

**Date:**

2020-09-10

**Decision by:**

Utbildningsnämnden

**SLU Id:**

SLU ua 2020.3.1.1-3506

**Board responsible:**

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

### PRIOR KNOWLEDGE AND OTHER ENTRY REQUIREMENTS

General entry requirements for first-cycle studies and

- Mathematics 2a or Mathematics 2b or Mathematics 2c
- Science Studies 2\*
- Social Studies 1b or Social Studies 1a1

\* Biology 1 + Physics 1a (or Physics 1b1 + 1b2) + Chemistry 1 replace Science Studies 2

or

- Mathematics B
- Science Studies B\*
- Social Studies A

\* Biology A + Chemistry A + Physics A replace Science Studies B

(Field-specific entry requirements A14/15 with the exception of Social Studies 1a2).

The specific entry requirements can also be met by applicants who have obtained equivalent knowledge under the current or a former Swedish national curriculum. The requirements are also fulfilled if equivalent knowledge has been obtained by other means.

There are specific entry requirements for each course included in the programme. These are described in the course syllabus.

### **Aptitude test**

Candidates are selected for the programme following a successful aptitude test. All applicants can take the test which is to be submitted according to the instructions on the programme web page. The test consists of an introductory take-home assignment followed by a more comprehensive test over a full day at Alnarp. The following elements are assessed in the take-home assignment:

- ability for expression in images and in writing
- ability to design and compose in a creative manner
- ability to communicate spatiality using images
- ability to reflect on the applicant's own creative process.

A panel will assess the take-home assignments and then rank the applicants. Those considered most suitable will be invited to a second assessment in Alnarp. The test at Alnarp involves a more in-depth evaluation of the abilities listed above as well as:

- the applicant's motivation
- ability to depict a subject using traditional methods such as pen and paper.

A panel conducts the final assessment of the applicants and their suitability for the programme. Their decision cannot be appealed. This assessment is one of the supporting documents used when deciding on admission to the programme.

The programme director of studies determines the content of the test and how it will be implemented. The responsible programme board will appoint the members of the assessment panel.

## **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, for a Degree of Bachelor of Science in Horticultural Management, the student must meet the objectives listed below.

For a Degree of Bachelor of Science in Horticultural Management, the student must have demonstrated the knowledge and skills required to work autonomously as a horticultural scientist.

### *Knowledge and understanding*

For a Degree of Bachelor of Science in Horticultural Management, the student must have

- demonstrated knowledge of the field's disciplinary foundation, proven experience and relevant methods,
- demonstrated awareness of current research and development work, and
- demonstrated knowledge of the horticultural industry and related areas' conditions, function and interaction with the environment and society.

### *Competence and skills*

For a Degree of Bachelor of Science in Horticultural Management, the student must have

- demonstrated the ability, within given parameters and using appropriate methods, to autonomously identify, analyse and solve problems related to the horticultural industry,
- demonstrated the ability to decide on, implement and evaluate relevant measures relating to horticultural production, markets, design, the environment and experiences,
- demonstrated the ability to design and manage production systems in the horticultural industry and related areas, with consideration for given needs and conditions, and
- demonstrated the ability to critically examine and evaluate relevant information and to present and discuss problems and solutions in dialogue with different groups.

### *Judgement and approach*

For a Degree of Bachelor of Science in Horticultural Management, the student must have

- demonstrated the ability to make assessments of and manage issues relating to cultivation, design and business, considering the relevant scientific, societal, economic, environmental and ethical aspects, as well as being able to weigh the pros and cons of different aspects,
- demonstrated the ability to work in a team and to cooperate in groups with

varied composition, and

- demonstrated the ability to identify their need for further knowledge and undertake ongoing development of their skills.

## **DEGREE**

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

The programme Horticultural Management – Garden Design leads to a Degree of Master of Science in Horticultural Management, which is a professional qualification. Other qualifications may be awarded provided that the requirements for them are fulfilled. See SLU's system of qualifications.

Students who fulfil the qualification requirements will be issued a degree certificate upon request. The degree certificate will specify the qualification as Bachelor of Science in Horticultural Management.

### **Degree requirements**

A Degree of Bachelor of Science in Horticultural Management is awarded to students who have successfully completed the qualification requirements of 180 credits according to the following:

- 120 credits compulsory programme courses (G1N, G1F)
- 45 credits elective programme courses (of which at least one G2F)
- 15 credits from a degree project/independent project in landscape architecture or horticultural science (first-cycle level degree project, G2E).

## **CONTENT AND OUTLINE**

### **Programme description**

The first two years of the programme contain compulsory courses. These courses provide students with a basis within the main subject, and comprise studies and skills training concerning relevant methods and materials in landscape architecture, in particular garden design. The courses study cultivated plants from both a scientific perspective and a design perspective. Students also study the basics of landscape construction, garden history and spatial design. Throughout the programme, students practise their skills in shaping and designing both indoor and outdoor garden environments. The programme includes courses on marketing and business administration, and students continually practise their written, visual and oral presentation skills.

Third-year students can specialise in specific subjects by choosing elective programme courses or relevant courses outside the programme, e.g. at another university. Any courses taken outside of the programme may need to be reviewed before being accepted for credit transfer.

The programme concludes with a degree project/independent project of 15 credits, where students can apply their knowledge and skills to a current issue within the programme's subject field.

In accordance with the SLU guidelines for equal opportunities, a well-functioning study environment is characterised by openness, equality and inclusiveness. This promotes a climate that draws upon the diverse backgrounds, lives, and competence of students and staff.

The programme is taught in Swedish. Some elective courses may be taught in English.

### **Courses in the programme**

Courses on the programme

Main fields of study

BI=Biology

TD=Horticultural science

LK=Landscape architecture

FÖ=Business administration

TN=Technology

Year 1 (compulsory courses)

Botany and Plant Knowledge, 15 credits (BI/TD, G1N)

Garden Design – Method and Material, 15 credits (LK/TD, G1N)

The Tools of Garden Design, 15 credits (LK/TD, G1N)

Garden History, 7.5 credits (LK/TD, G1N)

Spatial Design and Colour Composition, 7.5 credits (LK, G1N)

Year 2 (compulsory courses)

Plant Protection, Basic Course, 7.5 credits (BI/TD, G1N)

Marketing gardens and landscapes, 7.5 credits (FÖ/LK, G1N)

The Design Firm – Entrepreneurship for Landscape and Garden Design, 15 credits (FÖ/LK, G1N)

Indoor Garden Design, 15 credits (LK/TD, G1F)

Outdoor Garden Design, 15 credits (LK/TD, G1F)

Year 3 (elective courses, compulsory first-cycle level degree project)

Advanced Plant and Site Knowledge, 15 credits (LK/TD, G2F)

Healthcare Gardens, 15 credits (LK/TD, G2F)

Planting Design, 15 credits (LK, G2F)

Hydroponic Systems in Horticultural Production and Public Environment, 15 credits (BI/TD – G2F)

Climate change – Landscape Effects, 15 credits (LK/TD, G2F)  
 Urban Landscape Design, 15 credits (LK/TD, G2F)  
 Materials – Construction and Design, 15 credits (TN/LK, G2F)  
 The Cultural Heritage of Horticultural Plants, 15 credits (LK, GXX)  
 The Green Cultural Heritage, 15 credits (LK, GXX)  
 Administration of Cemeteries, 15 credits (LK, G1N)  
 Conservation of Gardens, Parks and Designed Landscapes, 15 credits (LK – A1N)  
 Urban Agriculture and Social Interaction, 15 credits (LK/TD, G2F)  
 Plant Technology, 15 credits (LK/TN – G2F)  
 Work Experience Course, 15 credits (LK, GXX)  
 Independent Project in Landscape Architecture, 15 credits (LK, G2E)  
 Independent Project in Horticultural Science, 15 credits (TD, G2E)

Exchange studies can usefully be carried out during the autumn or spring semester in year 3.

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

Each course on the programme has its own syllabus that describes the course content and other specifics. Detailed information on when the courses are offered is available on the SLU student web.

## **TRANSITIONAL REGULATIONS AND OTHER REGULATIONS**

### **Transitional regulations**

If courses are permanently cancelled, students can take available programme courses instead of the required compulsory courses; however each individual case will be assessed for crediting.

Students admitted before 1 January 2021 have the right to complete their studies in order to be awarded a Higher Education Diploma in Horticultural Science, 120 credits, according to previous regulations up to and including December 2025. Students admitted before 1 January 2021 who fulfil the qualification requirements are entitled to be awarded a Degree of Bachelor of Science in Horticultural Science, 180 credits, provided they have not previously been awarded a Higher Education Diploma in Horticultural Science, 120 credits.

**Other rules**

The learning outcomes for production and production systems addressed in the BSc in Horticultural Management – Garden Design relate to the service sector and the production of successful solutions for the design of garden environments, both indoors and outdoors.

**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 the BSc in Horticultural Management – Garden Design and are awarded a degree have the opportunity to continue their studies at second-cycle level.