



LEPL Shota Meskhia State Teaching University of Zugdidi

Approved under the resolution

#---- of academic council

of Shota Meskhia State Teaching University of Zugdidi

“-----“ “-----“ 2019

Vocational educational programme

Horticulture

08111

Contact:

Address: Zugdidi, Janashia st.#14 Senaki, Mshvidoba st. #192

Telephone: 0 415 25 62 17

Web page: zssu.ge

Email: Zssu@edu.ge

Head of programme: Larisa Tirkia

Zugdidi

2019

1. **Name of the vocational educational programme (hereinafter vocational programme) in Georgian and English languages** - დეკორატიული მეზღლეობა/ Horticulture
2. **Registration number in the framework:** 08111-P
3. **Qualifications to be awarded in Georgian and English languages:** სღშუღლო ჰროფესიული კვღლიფიკღცღ მეზღლეობღში/ Secondary Vocational Qualification in Horticulture;

This qualification belongs to the detailed field of International Standard Classification of Education ISCED – Horticulture - Code 0812.

Descriptor – “students will learn technology and management of gardening, floristics, greenhouse methods, nursery management, landscape gardening etc.

4. **Aim of the programme**
Educational programme aims to prepare competitive staff for the field of horticulture.
5. **Prerequisites:** Full General education
6. **Fields of employment and possibilities:**

Person with the secondary vocational qualification in electricity can be employed in botanical gardens, green services, parks, squares, nurseries for decorative plants, closed soil and greenhouses, construction companies, design offices.

ISCO code: 6113; 9214;

Positions for employment:

- Gardener
- Landscape gardener
- Garden-keeper
- Lawn mower
- Supporter in nursery
- Specialist for garden decoration

7. Structure and modules:

Educational program “Horticulture” gives 85 credits and includes:

- ✓ General modules – 12 credits
- ✓ Common field / vocational modules – 23 credits
- ✓ Concentration/ optional direction modules – 50 credits

Horticulture		
General modules		
N	Module	Credits
1	Informational literacy 1	3
2	Interpersonal communication	3
3	Entrepreneurship 2	2
4	English language	4
	Total	12
Common obligatory vocational/ field modules		
N	Module	Credits
5	Introductory practice	2
6	Systematics of plants	2
7	Decorative plants	10
8	Agro technical activities in the garden	2
9	Identification of harmful organisms in decorative plants	2
10	Soil identification	1
11	Georgian flora	2
12	Basics for environmental safety	2
	Total	23
Compulsory vocational/ field modules		
13	Soil and its preparation	5
14	Garden keeping	7
15	Vegetation Of decorative plants	6
16	Trimming and formation of plants	6
17	Plant protection	3
18	Making and looking after the lawns	3
19	Setting engineering elements for the garden	7
20	Setting artistic elements for the garden	7
21	Practical project in horticulture – making the garden according to the project of particular area	6
	Total	50
	Total	85

- For Georgian-speaking vocational students – 85 credits
- For non-Georgian-speaking vocational students – 115 credits (Georgian language A1 – 15 credits, Georgian language B1 – 15 credits)

8. Learning outcomes relevant to the qualifications to be awarded

After completion the programme, students will be able to

1. Process the soil;
2. Plant and take care of plants in open and closed soil;
3. Provide vegetation of decorative plants by generative, vegetative and qseno vegetative ways;
4. Provide trimming and formation of decorative trees, fruit trees, decorative bushes, berries, bindweed, roses;
5. Make lawns, irrigation system, water mirrors, paths, stairs, squares;
6. Plan and set different artistic elements in the garden.

9. Development of vocational educational programme

Vocational education program Horticulture, developed by Shota Meskhia State Teaching University on the basis of framework, is implemented in two ways:

- ✓ Dual approach. 52% of the learning outcomes in compulsory vocational/ field modules is reached on real working environment.
- ✓ Modular approach which is implemented on Senaki base of the teaching University (Senaki, Mshvidoba st.192)

10. Confirmation of learning outcomes and credit granting

Credits are awarded on the basis of confirmation of achievement of learning outcomes.

Achievement of learning outcomes can be confirmed

- A) through the recognition of learning outcomes within the frameworks of formal education (pass-examination)
- B) through the recognition of learning outcomes in informal education under the Georgian Law
- C) through the evaluation

There are two kinds of assessments: formative and summative. Formative assessment can be made using the principles of the grades as well as the pass-examinations. Summative assessment uses only the system which is based on the principles of pass-examination (competence-based) and has two kinds of assessments:

- A) Learning outcome is confirmed;
- B) Learning outcome is not confirmed.

When student gets negative evaluation in summative assessment vocational student has a right to require additional evaluation before the completion of the programme. Evaluation method/ methods are given in modules as recommendations.

Vocational programme considers the development of 8 key competences in the components of modules, learning outcomes and thematic (communication in native language; communication in foreign language; mathematical competence; digital competence; skill for independent learning; interpersonal, intercultural, social and civil competences; entrepreneurship and cultural expressiveness). These are important for the future professionals and competitive staff. One of the eight key competences is the competence which aims to develop main language for teaching of the native/ vocational educational program. Vocational education teacher evaluates the skill of verbal and written communication, particularly, following the rules of orthography and correct speech.

Correct speech

- Time limit during the speech /presentation;
- Using relevant professional vocabulary;
- Expressing opinion clearly and coherently;
- Stating adequate examples and arguments;
- Adequate use of nonverbal means which are typical for the verbal discussion (e.g. gesticulation, intervals during the speech, changes in voice timbres)

Orthography

- Correct use of linking words;
- Correct punctuation (full stop, question mark and exclamation mark);
- Prevention of typical stylistic mistakes;
- Not to use barbarisms and slangs;
- Give information coherently and clearly

11. Awarding the qualification

Vocational qualification is awarded at Shota Meskhia State Teaching university of Zugdidi by the rector's administrative-law act. Vocational student should gather the credits through the modules in vocational educational programs in order to get the vocational qualification.

In case of dual approach, additional condition is to pass the qualification exam to award the qualification.

12. For the students with special educational needs and disabled students

People with special educational needs and disabled people will be allowed to the programme without prerequisite/ prerequisites.

Credits are awarded only in case of confirmation relevant learning outcomes. Qualification is awarded under the 11th article.

14. Law basis:

Framework "horticulture" confirmed under the order #628/0, July 11, 2018 of National Center for Educational Quality Enhancement. Amendments were made under the order #92/0, (January 31, 2019) of National Center for Educational Quality Enhancement.

15. Annex 1 – modules

- 1.1 Informational literacy 1
- 1.2 Interpersonal communication
- 1.3 Entrepreneurship 2
- 1.4 English language
- 1.5 Introductory practice
- 1.6 Systematics of plants
- 1.7 decorative plants
- 1.8 Agro technical activities in the garden
- 1.9 Identification of harmful organisms in decorative plants
- 1.10 Soil identification
- 1.11 Georgian flora
- 1.12 Basics for environmental safety
- 1.13 Soil and its preparation
- 1.14 Garden keeping
- 1.15 Vegetation Of decorative plants
- 1.16 Trimming and formation of plants
- 1.17 Plant protection
- 1.18 Making and looking after the lawn
- 1.19 Setting engineering elements for the garden
- 1.20 Setting artistic elements for the garden
- 1.21 Practical project in horticulture – making the garden according to the project of particular area
- 1.22 Georgian language A2
- 1.23 Georgian language

Annex 2

2.1 learning/ working plan –dual approach

2.2 learning plan – modular approach

Annex 3 – Human resources

Annex 4 – Timetable for the distribution of learning outcomes in vocational/ field modules between learning enterprise and teaching university

Annex 5 – Material resource

Annex 6 - Memorandums