

1. Name of the Certificate ¹

Field of study 4210 M 16 agribusiness – cultivation

2. Translated title of the Certificate ²

Študijný odbor 4210 M 16 agropodnikanie – pestovateľstvo (sk)

3. Profile of skills and competences

The holder of the certificate is able:

- to use professional terminology and master the relevant generally binding professional regulations,
- to apply the principles of occupational health and safety, occupational hygiene and fire protection,
- to apply the laws of biology, chemistry and physics in cultivation activities, in livestock farming and in treatment and production of agricultural products,
- to apply knowledge of meteorology, climatology and soil-forming factors in organizing cropping patterns and other types of cultivation agrotechnology,
- to select the land, suitable crops for sowing, improve the land, apply proper nutrition and protection of the plants taking into account other cropping patterns,
- to select seed and planting stock for the pre-seeding and pre-planting treatment, to organize sowing and planting methods by selecting appropriate machinery,
- to treat the plants during vegetation period, to perform harvest and post-harvest crop treatment of agricultural products,
- to apply agrotechnology requirements in using agricultural machinery for the soil preparation and working, in sowing, planting, fertilizing, plant protection, harvest, storage and preservation,
- to perform phytopathological examination, to identify diseases, pests, undesirable weeds and to apply protective agents to the vegetation,
- to drive a tractor, perform work with tractor-drawn machinery, set up the machinery, ensure their operation and basic maintenance,
- to master the production technologies of agricultural crops and fodder crops,
- to master the origins, breeds and the individual types and categories of livestock,
- to master the conditions for stabling and the basic treatment of the individual types and categories of livestock,
- to perform examination of livestock health condition, to identify diseases in cooperation with a veterinarian, to perform necessary first aid,
- to master the composition of the nutrients required for feeding the livestock and its representation in feed for the individual types and categories of livestock,
- to perform treatment, storage and preservation of feed and compose feed rations,
- to make feeding schedules and to master feeding and watering of animals,
- to master the basics of livestock rearing and breeding,
- to take samples of plant and livestock products, to perform their basic examination,
- to treat the obtained products and ensure that they are stored and kept correctly,
- to master the basic technological procedures in processing of plant production,
- to proceed in line with the principles relating to environmental protection and adopt the basic measures in removing the consequences of environmental accidents,
- to work with information, to use information and communication technologies and equipment, and application software in agriculture,
- to keep the obligatory record (of the company), to master economics, management and marketing of agricultural production, services and the basics of accounting in various management modes.

¹ In the original language. | ² If applicable. This translation is not legally binding. | ³ If applicable.

The Certificate Supplement provides additional information to the certificate and as such it is not legally binding. Its format is based on the Decision No 2018/646 of the European Parliament and of the Council of 18th April on a common framework for the provision of better services in the field of skills and qualifications (Europass) and on repealing Decision No 2241/2004/EC.

For the purposes of a document issued in Slovakia, a certificate encompasses any document as specified in the Decree of the Ministry of Education of the Slovak Republic No. 326/2008 Coll. on the Types and Pertinent Details of Certificates and other Educational Forms, including Methods for their Recording and Archiving.

4. Range of occupations accessible to the holder of the certificate ³

The graduate can find employment in professions in the field of agricultural production. The graduate can be employed in plant and livestock production establishments and in agricultural services. This professional specialization prepares the graduate to perform activities in cultivation of various types of agricultural commodities.

Examples of potential job titles include technician in plant and livestock production, processor of agricultural goods and fodder crops.

5. Official basis of the certificate

Body awarding the certificate

Authority providing accreditation / recognition of the certificate

Ministry of Education, Science, Research and Sport of the Slovak Republic

Stromová 1

813 30 Bratislava

Phone: +421 2/59 374 111

www.minedu.sk

Level of the certificate (national or European) ¹

Full secondary vocational education

SKQF/EQF: 4

ISCED 354

Grading scale / Pass requirements

1 – excellent

2 – praiseworthy

3 – good

4 – sufficient

5 – insufficient

Access to next level of education / training ¹

University, 1st degree, ISCED 655, 645, 665

University, 2nd degree, ISCED 766, 767

International agreements on the recognition of qualifications ¹

Legal basis

Act No. 245/2008 Coll. on Education and Training (Education Act) and on amendment of certain acts; Act No. 61/2015 Coll. on Vocational Education and Training and on amendment of certain acts; Decree of the Ministry of Education of the Slovak Republic no. 318/2008 Coll. on the completion of studies at secondary schools, as amended.

6. Officially recognised ways of acquiring the certificate

Successful completion of the four-year training program in the given field of study by passing the school leaving examination.

7. Additional information

After successful completion of the training program in the given field of study the graduates receive a certificate confirming their passing of the school leaving examination.

Entry requirements ¹

–lower secondary education, ISCED 244

–fulfilment of prerequisites in the admission procedure

More information (including a description of the national qualifications system)

Ministry of Education, Science, Research and Sport of the Slovak Republic, Study and Training Group

<https://www.minedu.sk/18673-sk/studijne-a-ucebne-odbory-sauo/>

¹ If applicable

National Europass Centre

State Vocational Education Institute

Bellova 54/a,

837 63 Bratislava

europass@siov.sk

www.europass.sk



¹ If applicable