

1. TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (SL) <sup>(1)</sup>

**Spričevalo o poklicni maturi po izobraževalnem programu:**

**FARMACEVTSKI TEHNIK**

(ID: 397964)

<sup>(1)</sup> In native language.

2. TRANSLATED TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (EN) <sup>(1)</sup>

**School-leaving certificate:**

**PHARMACEUTICAL TECHNICIAN**

<sup>(1)</sup> This translation has no legal status.

3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- prepare pharmaceutical products (liquid, semi-solid and solid pharmaceutical forms and substance extracts) under regulations in accordance with good production practice;
- issue and give instructions for the use of medications without prescription in a pharmacy under the supervision of a Master of Pharmacy;
- issue and give instructions for the use of medications without prescription in a specialised medical shop;
- issue and give instructions for the use of herbal substances and natural compounds;
- conduct qualitative, semi-quantitative and quantitative analyses of medications and medication stability tests;
- assess the action, application and most common undesired side effects of medications issued without prescription.

Optional:

- conduct analyses and tests to determine the identity, purity and content of active substances, excipients, pharmaceutical forms, packaging and bandaging material using instrumental, biological and microbiological methods.
- prepare liquid, semi-solid, solid and sterile pharmaceutical forms in industrial volumes.
- sell and give instructions for the use of food supplements, medical devices, cosmetics and other products for health care and protection;
- communicate with customers in the pharmacy or specialised medical shop.
- use the computer programme for managing the cash register;
- prepare a simple business plan for the chosen business idea;
- communicate with people effectively.

In addition, the holder of the certificate also upgraded his/her key professional skills and competences with key general knowledge and skills in line with national standards.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO HOLDER OF THE CERTIFICATE

The holder of the certificate can find employment at pharmacies and specialised medical shops; galenic laboratories; the pharmaceutical industry; pharmaceutical wholesalers; development, research and other institutions.

<sup>(\*)</sup> Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information available at: <http://europass.cedefop.eu.int>

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5. OFFICIAL BASIS OF THE CERTIFICATE	
<p><b>Name and status of the body awarding the certificate</b></p> <p>The institution is accredited with the Ministry of Education, Science and Sport.</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>Ministry of Education, Science and Sport Masarykova 16 SI-1000 Ljubljana www.mizs.gov.si</p>
<p><b>Level of the certificate (national or international)</b></p> <p>Upper Secondary Technical Education Slovenian Qualification Framework: SOK 5 European Qualification Framework: EQF 4 ISCED 2011: 354</p>	<p><b>Grading scale</b></p> <p>5 – excellent 4 – very good 3 – good 2 – sufficient</p>
<p><b>Access to next level of education/training</b></p> <p>Education programme completed with the Vocational Matura exam enables enrolment to higher vocational and professional study programmes. Passing an additional General Matura exam is required to enrol to one of the university study programmes, which allow this possibility.</p>	<p><b>International agreements</b></p> <p>The Republic of Slovenia has concluded agreements on the recognition of education with individual countries. The relevant information is available at ENIC/NARIC - the National Academic Recognition Information Centre.</p>
<p><b>Legal basis</b></p> <p>Organisation and Financing of Education Act Vocational and Technical Education Act</p>	
6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Time of the education	4 years
Number of credits <sup>1</sup>	240 credits
General education	110 credits
Professional education	73 credits
Practical education at the employer	8 credits
Extracurricular activities	14 credits
Open curriculum <sup>2</sup>	31 credits
Vocational matura	4 credits
<p><b>Entry requirements</b></p> <p>The programme can be attended by anyone who has completed the programme of primary education or lower vocational education or equivalent education in line with previous regulations.</p>	
<p><b>Additional information</b></p> <ul style="list-style-type: none"> <li>– Ministry of Education, Science and Sport (<a href="http://www.mizs.gov.si">www.mizs.gov.si</a>): Education programme and description of education and schooling in Slovenia</li> <li>– National Reference Point for Vocational Qualifications - NRP (<a href="http://www.nrpslo.org">www.nrpslo.org</a>)</li> <li>– National Europass Centre (<a href="http://www.europass.si">www.europass.si</a>)</li> </ul>	

<sup>1</sup> One credit equals 25 hours of candidate's work.

<sup>2</sup> Goals of the open curriculum are defined by schools in cooperation with companies on a local/regional level.

## 7. A DETAILED DESCRIPTION OF EDUCATION

### GENERAL EDUCATION :

1. Slovene (24 credits)
2. Mathematics (19 credits)
3. Foreign language (20 credits)
4. Art (3 credits)
5. History (5 credits)
6. Geography or Sociology or Psychology (3 credits)
7. Physics (7 credits)
8. Chemistry (9 credits)
9. Biology (3 credits)
10. Physical education (14 credits)

### PROFESSIONAL EDUCATION:

#### Mandatory Modules (68 credits)

1. Health education (3 credits)
2. Anatomy and physiology (5 credits)
3. Microbiology and epidemiology (5 credits)
4. Laboratory work in pharmacy (5 credits)
5. Medications (14 credits)
6. Creating medications (12 credits)
7. Medication analysis (9 credits)
8. Herbal medicine and natural compounds (15 credits)

#### Optional Modules (5 credits)

9. Medication analysis in the industry (5 credits)
10. Creating medications in the industry (5 credits)
11. Issuing products in a pharmacy and specialised medical shop (5 credits)
12. Entrepreneurship and communications (5 credits)

### OPEN CURRICULUM (31 credits):

The open curriculum is determined by the school in cooperation with companies on the local level.

### PRACTICAL EDUCATION:

1. Practical training in school
2. Practical training through work placement at the employer

### EXTRACURRICULAR ACTIVITIES (14 credits):

Extracurricular activities involve compulsory activities, programme-related content and electives.

### VOCATIONAL MATURA:

#### Mandatory part:

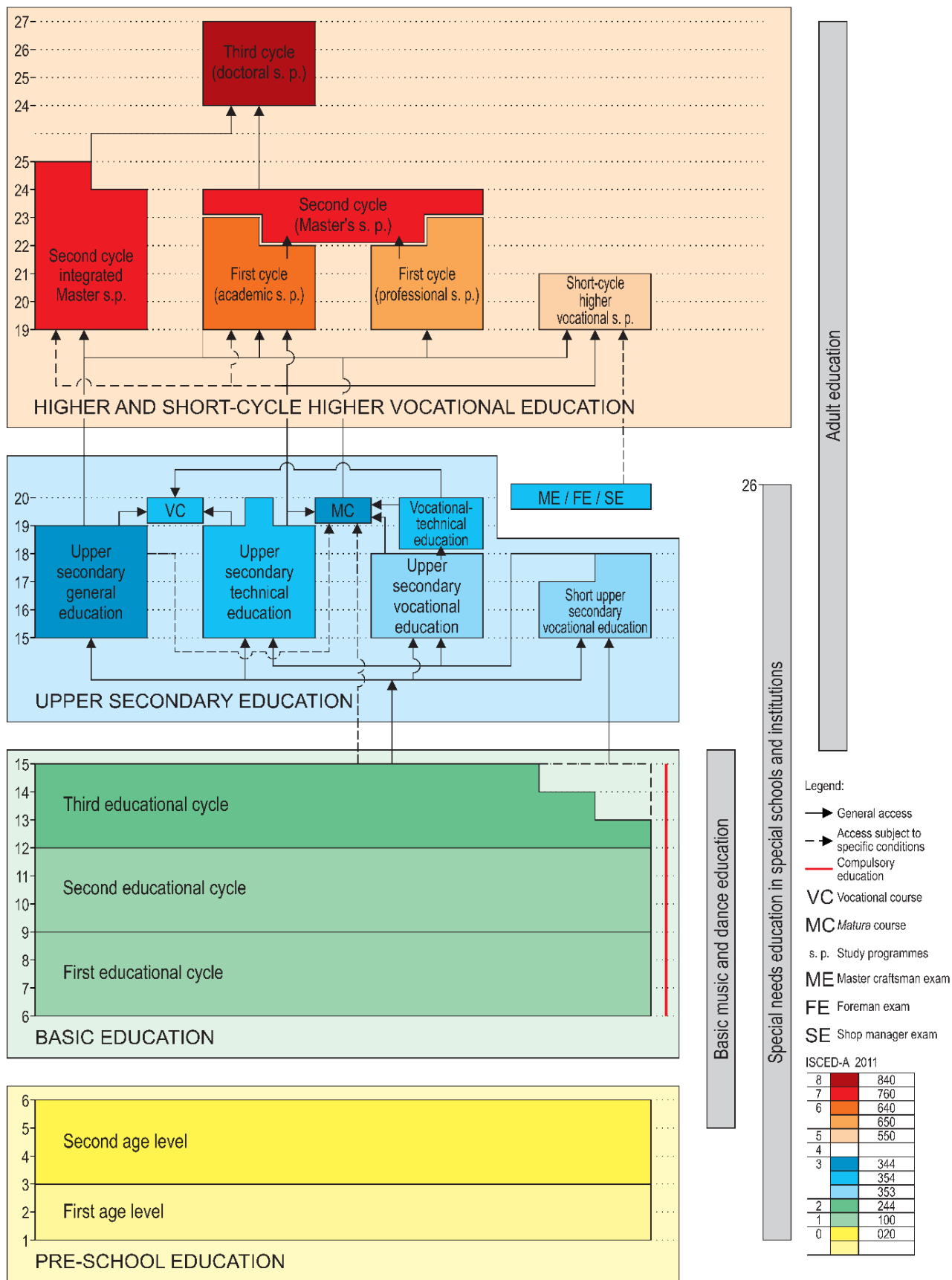
- written and oral exam of Slovenian language,
- written and oral exam in Pharmacy.

#### Optional part:

- written and oral exam in a Foreign language or Mathematics,
- presenting and defending a project or service (4 credits):

### OTHER NOTES:

# STRUCTURE OF THE EDUCATION SYSTEM IN THE REPUBLIC OF SLOVENIA



From school/academic year 2016/2017