

1. TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (SL) ⁽¹⁾

Spričevalo o poklicni maturi po izobraževalnem programu:

OKOLJEVARSTVENI TEHNIK

(ID: 466326)

⁽¹⁾ In native language.

2. TRANSLATED TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (EN) ⁽¹⁾

**School-leaving certificate:
ENVIRONMENTAL TECHNICIAN**

⁽¹⁾ This translation has no legal status.

3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- use professional literature, technical and technological documents and technical rules, regulations and standards and to utilise legislation governing the field of environmental protection;
- use modern information and communication technologies to search for, evaluate, save, process and use information;
- prepare the documents for obtaining environmental and other permits;
- use project and technical documentation;
- manage environmental technologies;
- perform simple analyses of different material, water and earth samples;
- plan and organise teamwork and manage various records.

Optional:

- plan, organise and manage the work of landfills and the correct management of hazardous waste.
- implement basic measurements in the field of water management and to monitor and ensure the right parameters in water distribution systems.
- implement basic laboratory testing in the discharge and treatment of waste water and to monitor and ensure the right parameters in the process of treating waste water.
- collect data and prepare expert groundwork for spatial planning and urban management, industrial infrastructure and the rehabilitation of mining effects;
- conduct ground sampling for laboratory analyses and the use of geographic information systems.
- manage records on waste, pollution sources, the consumption of energy sources and the operational diary of a treatment plant.
- conduct measurements and monitor air pollution and manage records on the operation and management of combustion plants and flue ducts.

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 industrial, communal and water management companies, at companies dealing with the collection, sorting and processing of waste, mining and energy distribution companies, local administrative units, companies managing treatment plants, companies performing chimney sweeping services, companies and administrative bodies dealing with spatial planning and forest and agricultural co-operatives.

^(*) 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>Name and status of the body awarding the certificate</p> <p>The institution is accredited with the Ministry of Education, Science and Sport.</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry of Education, Science and Sport Masarykova 16 SI-1000 Ljubljana www.mizs.gov.si</p>
<p>Level of the certificate (national or international)</p> <p>Upper Secondary Technical Education Slovenian Qualification Framework: SOK 5 European Qualification Framework: EQF 4 ISCED 2011: 354</p>	<p>Grading scale</p> <p>5 – excellent 4 – very good 3 – good 2 – sufficient</p>
<p>Access to next level of education/training</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>International agreements</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>Legal basis</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 ¹	240 credits
General education	100 credits
Professional education	80 credits
Practical education at the employer	12 credits
Extracurricular activities	14 credits
Open curriculum ²	30 credits
Vocational matura	4 credits
<p>Entry requirements</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>Additional information</p> <ul style="list-style-type: none"> – Ministry of Education, Science and Sport (www.mizs.gov.si): Education programme and description of education and schooling in Slovenia – National Reference Point for Vocational Qualifications - NRP (www.nrpslo.org) – National Europass Centre (www.europass.si) 	

¹ One credit equals 25 hours of candidate's work.

² 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 1 (20 credits)
4. Art (3 credits)
5. History (5 credits)
6. Geography (3 credits)
7. Sociology (3 credits)
8. Physics (3 credits)
9. Chemistry (3 credits)
10. Biology (3 credits)
11. Physical education (14 credits)

PROFESSIONAL EDUCATION:

Mandatory Modules (44 credits)

1. Environmental Protection (8 credits)
2. Technical Drawing and Computing (6 credits)
3. Materials and the Environment (10 credits)
4. Environmental Technologies (10 credits)
5. Work and Management Organisation (5 credits)
6. Environmental Legislation (5 credits)

Optional Modules (36 credits)

7. Waste management (12 credits)
8. Drinking and Industrial Water Management (12 credits)
9. Waste Water Management (12 credits)
10. Space Management and Ground Quality (12 credits)
11. Environmental Protection in the Economy (12 credits)
12. Air Protection and Chimney Sweeping (12 credits)

OPEN CURRICULUM (30 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:

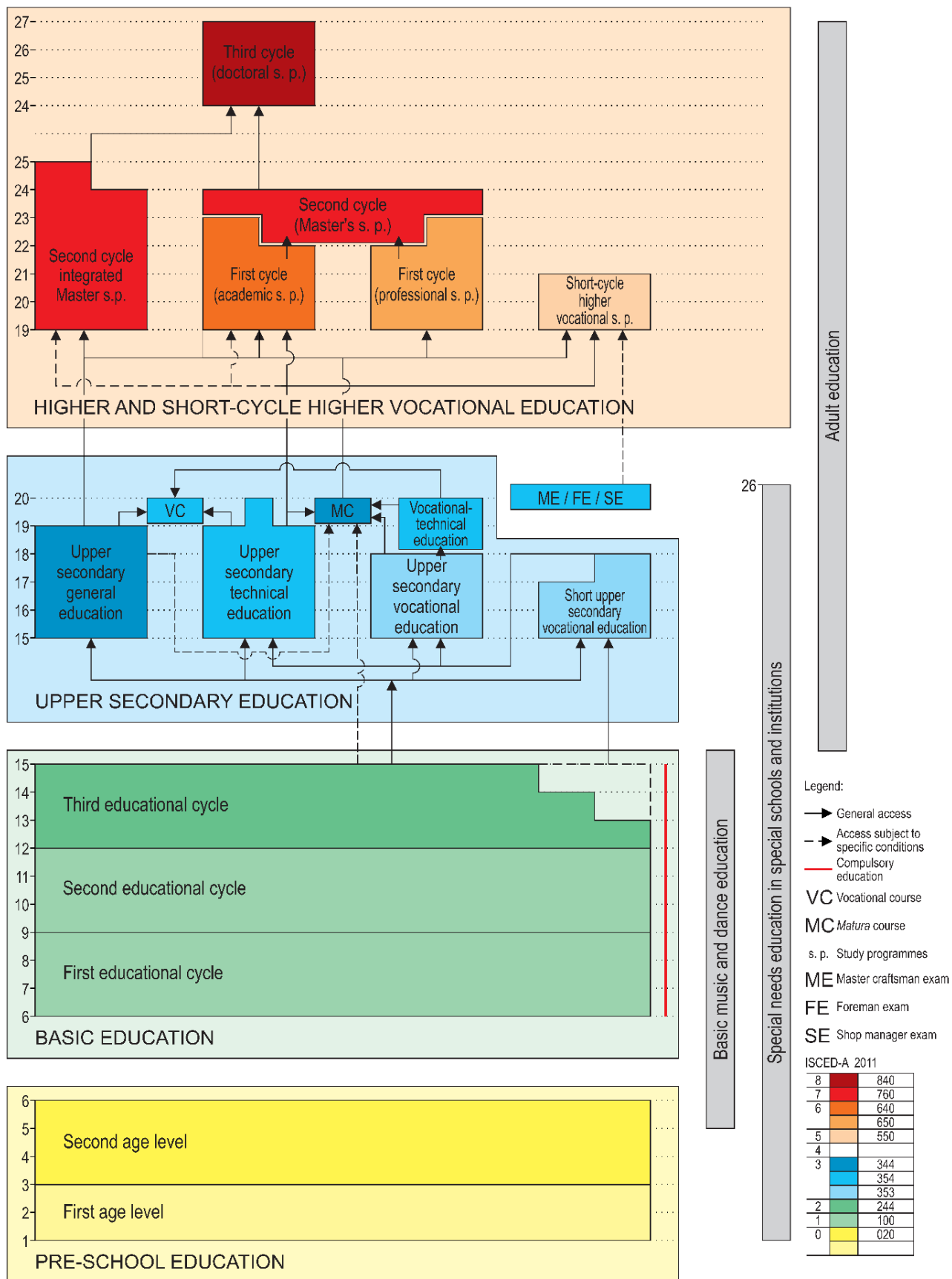
- written and oral exam of Slovenian language,
- written and oral exam in Environmental Protection.

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