

1. Title of the certificate (HR) and programme number

Ekološki tehničar
(330704)

2. Translated title of the certificate (EN) ⁽¹⁾

Ecological Technician

⁽¹⁾ This translation has no legal status.

3. Profile of skills and competences

A) GENERAL EDUCATION COMPETENCES

- Use basic communication knowledge and skills through active use of mother tongue and foreign languages in different situations
- Understand the natural world principles and spatial relations, organisation and space management
- Apply basic mathematical, physical, chemical and biological knowledge within the framework of sustainable community development
- Use modern information and communication technology actively and critically
- Apply ethical principles and respect diversity
- Understand economic systems and apply entrepreneurial competences
- Continuously acquire knowledge and skills in line with technological changes
- Act responsibly towards one's own and other people's health

B) VOCATIONAL COMPETENCES

- Apply analytical procedure methodology - laboratory skills and work regulations in physical, chemical, biochemical and microbiological laboratories
- Monitor the state of the environment by measuring physical and chemical values, and changing biological habitat characteristics and document systematically
- Apply basic knowledge of the management of water, fuel and solid mineral resources, soil, air, waste and energy
- Safe handling of waste and hazardous materials - apply waste material recovery techniques and methods
- Implement appropriate measures in cases of environmental pollution caused by human activities
- Apply legal regulations concerning work safety, fire protection and environmental protection
- Have knowledge of business documentation correspondence and bookkeeping records in a trade and/or company
- Apply teamwork skills in nature and environmental protection tasks
- Apply basic computer based knowledge and use specialized software packages for process management, processes documentation and communication with associates and other stakeholders
- Apply basic knowledge in managing, coordinating and monitoring industrial processes for the purpose of protecting the local and global environment.

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

Works in public institutions for nature and environment protection, environmental monitoring institutions and in various laboratories for testing environmental components, implementation and processes control, in industrial, trade, services and utility activities, all related to nature and environment protection.

The work is done indoors in artificially illuminated space and outdoors, it includes participating in field sampling and conducting analysis of these "on-the-spot" samples.

5. Official basis of the certificate

<p>Name and status of the body awarding the certificate</p> <p>The certificate is issued by the secondary education institution (vocational education and training school).</p>	<p>Name and status of the national authority providing accreditation/recognition of the certificate</p> <p>Ministry of Science and Education Donje Svetice 38 10 000 Zagreb www.mzo.hr</p>
<p>Legal basis</p> <p>Primary and Secondary School Education Act (Official Gazette No. 87/2008, 86/2009, 92/2010, 105/2010-corr., 90/2011, 16/2012, 86/2012, 94/2013, 152/2014,7/2017 and 68/2018) Vocational Education Act (Official Gazette No. 30/2009, 24/2010, 22/2013 and 25/2018) Croatian Qualifications Framework Act (Official Gazette No. 22/2013, 41/2016 and 64/2018)</p>	<p>National grading system / Pass requirements</p> <p>Excellent 5 (10) A Very good 4 (9) B Good 3 (8) B Sufficient 2 (6-7) C Insufficient 1 (0-5) F In order to pass the exam, it is necessary to get the grade 2 (6-7), i.e. C (sufficient).</p>
<p>Level of qualifications</p> <p>Level 4.2. in the Croatian Qualifications Framework</p>	<p>Access to next level of education/training</p> <p>Access to higher level of qualification in accordance with the Croatian Qualifications Framework.</p>

6. General data of acquiring the certificate

	Percentage of total programme (%)	Total number of hours
General education part	51,8 %	2271
Vocational part – theoretical	45,1 %	1979
Vocational part – practice/exercises	3,1 %	134
Duration of education		4 years

Entry requirements: The completion of primary education

More information available at:

Ministry of Science and Education (www.mzo.hr)
Education and Teacher Training Agency (www.azoo.hr)
Agency for Vocational Education and Adult Education (www.asoo.hr)

National Europass Centre in Croatia (www.europass.hr)
at the Agency for Mobility and EU Programmes (www.mobilnost.hr).

(*) Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. It provides additional information on the profile of skills and competences acquired by a particular educational programme. The description of skills and competences 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.

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