

1. TITLE OF THE CERTIFICATE (CZ)<sup>(1)</sup>

**Vysvědčení o maturitní zkoušce z oboru vzdělání:  
16-01-M/01 Ekologie a životní prostředí (denní studium)**

(1) In the original language

 2. TRANSLATED TITLE OF THE CERTIFICATE<sup>(2)</sup>

**Maturita Certificate in:  
16-01-M/01 Ecology and Environment (full-time study)**

(2) This translation has no legal status.

## 3. PROFILE OF SKILLS AND COMPETENCES

**General competences:**

- be familiar with various methods of learning, use sources of information well, show functional literacy;
- understand assignments or identify the cores of problems, exert variable solutions, work both independently and within a team;
- communicate in one foreign language at the level of at least B1 of the Common European Framework of Reference for Languages;
- cope with changing socio-economic conditions, be financially literate;
- be aware of the labour market mechanisms, and of the employee-employer relationships, act on career decisions responsibly, understand the significance of lifelong learning;
- use basic mathematics and the basic principles of physics and chemistry when needed in daily situations;
- work with the means of information and communication technologies, exploit adequate sources of information, handle information effectively;
- act in an environmentally-conscious manner and in compliance with strategies for sustainability;
- support values of local, national, European and world cultures, recognize the value of life;
- exert fundamentals of health protection, occupational safety, and fire prevention and safety;
- exert norms and prescriptions in the field.

**Vocational competences:**

- assess the environmental situation in a particular area;
- analyze the impacts of human activities on the environment and assess them in terms of legislation;
- identify illegal and undesirable effects of human activities on the environment and propose measures for their elimination;
- promote the use of advanced technologies friendly to the environment;
- consider, when planning and assessing, the impact of certain activities on the environment and social impacts;
- manage principles, procedures and use of chemical, physical and microbiological laboratory methods and sensory analysis;
- select an appropriate method of analysis, remove, and modify samples and perform analysis of individual components of the environment;
- evaluate the results of the analysis, process the data, evaluate them and propose optimal measures;
- carry out local inventory, compare them with data from available sources of information and draw conclusions;
- use knowledge of ecology, biology, chemistry and other science disciplines in the performance of work, creatively apply the principles of nature protection in practice;
- control human activities in the area of business and municipalities, comply with legal regulations and manage the basic principles of administrative proceedings;
- propose procedures for the care of individual protected parts of nature;
- organize work on the maintenance of protected natural areas and public green spaces;
- design activities related to nature and landscape protection and rural development according to specific conditions;
- promote the environmental policy and sustainable development in public.

## 4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

The graduate is employed in middle management in public administration in the field of environmental, forestry and agriculture, construction administration, administrations of protected landscape areas and national parks, in the Czech Environmental Inspectorate, in the services of the Hygiene Station, in the areas of water management, environmental consultancy and training, in work activities related to monitoring and implementation of environmental controls, in companies engaged in the recultivation, care of greenery, hydro-geological research, waste management.

Examples of possible jobs: environmentalist - employee in the field of nature and landscape protection, air protection, environmental officer of public administration, hydrologist and meteorologist.

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b> {Nazev_institute} {Pravni_status_institute}	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of Education, Youth and Sports Karmelitská 7 118 12 Praha 1 Czech Republic
<b>Level of the certificate (national or international)</b>  Upper secondary education completed by the Maturita examination <b>ISCED 354, EQF 4</b>	<b>Grading scale / Pass requirements</b> 1 excellent (výborný) 2 very good (chvalitebný) 3 good (dobrý) 4 satisfactory (dostatečný) 5 fail (nedostatečný) <i>Overall assessment::</i> Prospěl s vyznamenáním: Pass with Honours (the average mark is ≤ 1,5) Prospěl: Pass (an examination mark is not worse than 4) Neprospěl: Fail (the examination mark in one or more subjects is 5)
<b>Access to next level of education / training</b> ISCED 655/645/746, EQF 6	<b>International agreements</b>
<b>Legal basis</b> Law No. 561/2004 on Pre-school, Basic, Secondary, Post-secondary and Other Education (School Act) as amended by later regulations	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme	Duration
• School- / training centre-based	The ratio between theoretical education and practical training is defined by education providers themselves with regard to the respective educational programme and the employers' needs.	
• Workplace-based		
• Accredited prior learning		
Total duration of the education / training leading to the certificate		<b>4 years / 4 096 lessons</b>

**Entry requirements**  
Completed compulsory school education

**Additional information**  
More information (including a description of the national qualifications system) available at: [www.nuv.cz](http://www.nuv.cz) and [www.eurydice.org](http://www.eurydice.org)

**National Institute for Education, Education Counselling Centre and Centre for Continuing Education of Teachers – National Europass Centre Czech Republic**  
Weilova 1271/6  
102 00 Praha 10  
Czech Republic  
Done at Prague for the school year 2018/2019

stamp and signature

## (\*) Explanatory note

This document is a supplement to a specific diploma/certificate. It provides additional information on competencies gained in the given field of study 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 and Decision No 2241/2004/EC of the European Parliament and of the Council of 15 December 2004 on a single Community framework for the transparency of qualifications and competences (Europass).

More information available at: <http://europass.cedefop.europa.eu>, <http://www.europass.cz>