

1. TITLE OF THE CERTIFICATE (CZ)⁽¹⁾

**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⁽²⁾

**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

Name and status of the body awarding the certificate Česká lesnická akademie Trutnov - střední škola a vyšší odborná škola Lesnická 9 Trutnov 541 11 CZ public school		Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education, Youth and Sports Karmelitská 7 118 12 Praha 1 Czech Republic
Level of the certificate (national or international) Upper secondary education completed by the Maturita examination ISCED 354, EQF 4	Grading scale	
	Result in the general section – success rate in % Czech language and literature, foreign language: more than 87 % to 100 % excellent - 1 more than 73 % to 87 % commendable - 2 more than 58 % to 73 % good - 3 44 % to 58 % sufficient - 4 0 % and less than 44 % insufficient - 5 Mathematics: more than 83 % to 100 % excellent - 1 more than 63 % to 83 % commendable - 2 more than 43 % to 63 % good - 3 27 % to 43 % sufficient - 4 0 % and less than 27 % insufficient - 5 Advanced Mathematics: more than 85 % to 100 % excellent - 1 more than 67 % to 85 % commendable - 2 more than 49 % to 67 % good - 3 33 % to 49 % sufficient - 4 0 % to less than 33 % insufficient - 5	Pass requirements 1 excellent (výborný) 2 very good (chvalitebný) 3 good (dobrý) 4 satisfactory (dostatečný) 5 fail (nedostatečný) Overall assessment: 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)
Access to next level of education / training ISCED 655/645/746, EQF 6		International agreements
Legal basis Law No. 561/2004 on Pre-school, Basic, Secondary, Post-secondary and Other Education (School Act) as amended by later regulations Ss. 22 and 24 of the Decree No. 177/2009 Coll., on Detailed Conditions for Completing Education by the School-leaving Examination in Secondary Schools, as amended.		

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme	Duration
<ul style="list-style-type: none"> School- / training centre-based Workplace-based Accredited prior learning 	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.	
Total duration of the education / training leading to the certificate		4 years / 4 096 lessons
Entry requirements Completed compulsory school education		
Additional information More information (including a description of the national qualifications system) available at: www.npicr.cz and www.eurydice.org		
National Pedagogical Institute of the Czech Republic – National Europass Centre Czech Republic, Senovážné nám. 872/25, 110 00 Praha 1		  stamp and signature Done at Prague for the school year 2020/2021

(*) Explanatory note

The Certificate supplement provides additional information about the certificate and does not have any legal status in itself. Its format is based on the Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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