



## 1. Title of the certificate <sup>(A)</sup>

**Diploma di Liceo Scientifico**

<sup>(A)</sup> In the original language

## 2. Translated title of the certificate <sup>(B)</sup>

**Upper secondary education diploma - *Licei***

**Specialization: Scientific Lyceum**

<sup>(B)</sup> If applicable. This translation has no legal status.

## 3. Profile of skills and competences (\*\*)

On completion of the education/training pathway, the holder of the certificate is able to:

### Skills common to all *licei*:

- master the Italian language in various communication contexts, using different styles suited to different situations;
- communicate in a foreign language to at least level B2 (CEFR);
- produce different types of written and oral texts with respect to the activity carried out;
- identify problems and argue his/her own position, by critically assessing different viewpoints and putting forward potential solutions;
- demonstrate a good knowledge of the key aspects of the Italian and European literary, artistic, philosophical, religious culture and tradition, and be able to compare them with other traditions and cultures;
- act in accordance with the rights and responsibilities of a citizen, being aware of the cultural aspects and nature of both Italian and European political, legal, social and economic institutions;
- master the specific language and procedures of mathematics, physical and natural sciences;
- critically use ICT tools to carry out study and in-depth analysis activities, and for research and communication purposes;
- work in professional and interpersonal contexts, collaborating in work groups in a critical and proactive manner.

### Skills of the *Scientific Lyceum* specialization:

- apply the results of scientific research and technological development in different study and work fields, based on knowledge of the history of ideas and links among scientific thinking, philosophical reasoning and, more in general, humanistic investigation;
- master the procedures, specific languages and investigation methods of experimental sciences;
- use computational and representation tools for modelling and problem-solving;
- use the logical structures, models and methods of scientific research, as well as technological advances to identify and solve various problems, also with respect to daily life;
- use mathematics reasoning and demonstration methods and master problem posing and solving tools.

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

The certificate holder can work as a mid-level employee in various professional areas:

- institutions, public and private bodies, research centres and utility companies;
- professional firms and, namely, in technical, design, medical and veterinary sectors;
- offices and organizations for relations with the public and clients;
- research institutes;
- medical-scientific information;
- technical/administrative offices;
- R&D offices;
- Quality Management System (QMS) offices;
- editorial offices of newspapers, publishing companies, press offices, publishing houses, libraries, archives, bookstores.

#### 5. Official basis of the certificate

**Name and status of the body awarding the certificate (\*\*\*)**

**Name and status of the national/regional authority providing accreditation/recognition of the certificate**

Ministry of Education, University and Research  
[www.istruzione.it](http://www.istruzione.it)

**Level of the certificate (national or international)**

**Grading scale / Pass requirements**

EQF level 4

State examination.

Final grade out of 100. The full scale is used.

Minimum passing grade to obtain the certificate: 60/ 100

A final grade of 100/100 cum laude can also be obtained.

**Access to next level of education/training**

Higher Technical Education and Training (IFTS)

Higher Technical Education (ITS)

Universities

Military Academies

Higher Level Arts and Music Education (AFAM)

**Legal basis**

Decree of the President of the Republic no. 89 of 15 March 2010

**International agreements**

EsaBac (if activated)

## 6. Officially recognised ways of acquiring the certificate

Description of education/ vocational training received	Percentage of total education/training programme (%)	Duration (hours/weeks/months/years)
School-/training centre-based		Standard learning: 891 hours/year in the 1 <sup>st</sup> and 2 <sup>nd</sup> years. 990 hours/year in the 3 <sup>rd</sup> , 4 <sup>th</sup> and 5 <sup>th</sup> years.
Workplace, internship / work placement / school-work alternation / apprenticeship		The certificate holder can have completed school-work alternation, internship or work placement pathways and activities documented and officially recognised for the acquisition of the certificate.
Accredited prior learning		
<b>Total duration of the education/training leading to the certificate</b>		5 years
<p><b>Entry requirements</b> Lower secondary school leaving diploma.</p> <p><b>Additional information</b> Yearly school hours are divided into mandatory subjects and activities and optional subjects if provided for in the Educational Plan drawn up by each school. Schools can allocate a percentage of the total hours of the national study plans (up to 20% in the first two years, 30% in the third and fourth years and 20% in the fifth year) to tailor curricula to local needs. Schools can set up a scientific committee made up of teachers and work experts. During the 5<sup>th</sup> year, a non-language-related subject is taught in a foreign language. Activities and modules related to "Citizenship and Constitution" are envisaged in the historical-geographical and historical-social fields.</p>		

### Details regarding the School/Certificate holder

**School awarding the certificate:**

  

**Name of the holder of the certificate:**

  

**Attachment of certificate no.:**

**(\*) 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.europa.eu>

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**(\*\*) The present document does not constitute/replace certification of the competencies of the certificate holder**

**(\*\*\*) The reference data of this supplement are indicated in the last box**