



Curricula of the Secondary School Istituto Tecnico Agrario Scerni (Ch) - ITALY

The reform of the second cycle of education in ITALY

The reform of the second cycle of education came into force in the 2010/2011 school year. (DD.PP.RR. 87/88/89 of 2010)

The educational system is divided into:

- LICEO (5 years)
- TECHNICAL INSTITUTE(5 years)
- VOCATIONAL INSTITUTE (3 + 2)

LICEO	TECHNICAL INSTITUTE	VOCATIONAL INSTITUTE
Classico Scientifico Linguistico Artistico Scienze Umane Coreutico e Musicale	Economico (2 indirizzi) Tecnologico (9 indirizzi)	Servizi Industria e Artigianato

The challenge of this reform is to try to bring the educational project of secondary school back to unity.

Unity is mainly played out in the first two years of compulsory education in guaranteeing a real formative equivalence in 16-year skills that is common to all profiles.



COMMON ASPECTS TO ALL THE ADDRESSES

- It is possible to modify the annual hours of the teaching subjects of each school year for a quota not exceeding 20% to carry out optional activities and teachings or subject insights consistent with the educational, cultural and professional profile of the student
- The timetable of each subject can not be reduced beyond 20%
- Students are required to attend the optional activities and optional courses

For each addressess the curriculum of the Secondary School has some common aspects

Curricolo	Età- Age	Certificazione /Esame di Stato Certification / Final Exam
Primo biennio First two years period	14-16 anni	<ul style="list-style-type: none">•Assolvimento dell'obbligo•Certificazione delle competenze•Fulfillment of compulsory schooling•Skills certification
Secondo biennio Second two years period	17-18 anni	<ul style="list-style-type: none">•Scelta dell'indirizzo di studi•Choice of studies address
Quinto anno Fifth year	19 anni	<ul style="list-style-type: none">•Esame di Stato/ Final exam•Certificazione delle competenze•Skills certification

TECHNICAL INSTITUTE

- The identity is characterized by a solid scientific and technological cultural base in line with the indications of the EU, built through the study, the deepening and the application of languages and methodologies of a general and specific nature and is expressed in a limited number of profiles related to sectors that are fundamental for economic and productive development



Sectors are two:

SECTOR	ADDRESSES
ECONOMIC	<ul style="list-style-type: none">• Administration, financial, marketing• Tourism
TECHNOLOGICAL	<ul style="list-style-type: none">• Mechanic and Energy• Transport Logistic• Elettronic and Elettrotechnic• Computer technology and Telecommunications• Grafics and Comunication• Chemistry and biotechnology• Fashion clothing textiles• Agrarian and Agro-industry• Buildings, environment and territory

The Agricultural Technical Institute of Scerni

- The Agricultural Technical Institute of Scerni is one of the 4 Agrarian Institutes of the Abruzzo Region, the only one in the province of Chieti. Founded in 1876, it from professional farming school passed to a Technical Institute in 1957.
- Today it is part of a larger Institute, the Omnicomprensivo Ridolfi Zimarino, which includes the Municipalities of Scerni, Casalbordino, Pollutri and Villalfonsina.



Inside there is the farm that manages an area of about Cultivated mainly with olive trees (5 ha) and vineyards (6,5 ha). There are also the Cellar where the wine production takes place and the Frantoio where the oil is produced. There are also two hectares of arable land 2 hectares orchard

The students of the technical institute come mainly from the municipalities of the province of Chieti.

The school also houses a boarding school for students who do not want to travel and prefer to stay near the school.



The curriculum of ITA

- The paths of the Technical Institutes are divided into an area of general education, common to all the paths of the Technological Sector, and in areas of orientation and the related learning outcomes are described in skills, abilities and knowledge, also with reference to the European framework qualifications for lifelong learning.



General education area (First Two Years)

- The general education area aims to provide young people with the basic preparation, acquired through the strengthening and development of the cultural axes that characterize the obligation of education: the axis of languages, mathematics, science-technology, history - social.

Areas of address (Second Two Years and fifth year)

- The areas of address have the objective of making students acquire both theoretical and applicative knowledge that can be spent in various contexts of life, study and work, and cognitive skills suitable for solving problems, knowing how to manage independently in areas characterized by continuous innovations, and progressively assume responsibility for the evaluation and improvement of the results obtained.

- The first two-year period is divided into 660 hours of general education courses and 396 courses of orientation and is aimed at fulfilling the compulsory education
- The second two-year period consists of 495 hours of general education courses and 561 of course teaching
- The fifth year is divided into 495 hours of general teaching activities and 561 of activities and courses of orientation

The time frame of the first two-year period of the Istituto Tecnico Agrario is characterized by the important presence of technical and scientific disciplines that support those common to all the addresses

DISCIPLINE	CLASSI	
	1 ^a	2 ^a
LINGUA E LETTERATURA ITALIANA	4	4
LINGUA INGLESE	3	3
STORIA, CITTADINANZA E COSTITUZIONE	2	2
MATEMATICA	4	4
DIRITTO ED ECONOMIA	2	2
SCIENZE INTEGRATE (Scienze della Terra e Biologia)	2	2
SCIENZE INTEGRATE (Fisica)	3	3
SCIENZE INTEGRATE (Chimica)	3	3
SCIENZE MOTORIE E SPORTIVE	2	2
TECNOLOGIE E TECNICHE DI RAPPR. GRAFICA	3	3
TECNOLOGIE INFORMATICHE	3	
SCIENZE E TECNOLOGIE APPLICATE		3
RELIGIONE CATTOLICA O ATT. ALTERNATIVA	1	1
TOTALE ORE SETTIMANALI	32	32
di cui LABORATORIO	8	

The Second Biennium has three areas of study that are characterized by some specific teachings. In particular, 13 hours per week of subjects in the second two-year period and 15 hours in the fifth year are scheduled. The subjects of address foresee the presence of laboratory activities and practices.

The areas are:

- Production and Transformation
- Environment and Territory Management
- Viticulture and Oenology

Production and Transformation

- In the articulation "Productions and transformations" are explored the problems connected to the organization of animal and vegetable productions, to the transformations and to the commercialization of the relative products, to the use of biotechnologies.



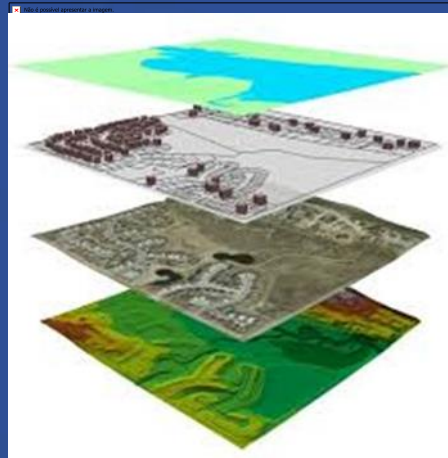
Time frame PT



DISCIPLINE	2° BIENNIO		5° ANNO
	3ª	4ª	5ª
LINGUA E LETTERATURA ITALIANA	4	4	4
LINGUA INGLESE	3	3	3
STORIA, CITTADINANZA E COSTITUZIONE	2	2	2
MATEMATICA	3	3	3
SCIENZE MOTORIE E SPORTIVE	2	2	2
COMPLEMENTI DI MATEMATICA	1	1	
PRODUZIONI VEGETALI	5	4	4
PRODUZIONI ANIMALI	3	3	2
RELIGIONE CATTOLICA O ATT. ALTERNATIVA	1	1	1
TRASFORMAZIONE DEI PRODOTTI	2	3	3
ECONOMIA, ESTIMO, MARKETING E LEGISL.	3	2	3
GENIO RURALE	3	2	
BIOTECNOLOGIE AGRARIE		2	3
GESTIONE DELL'AMB. E DEL TERRITORIO			2
TOTALE ORE SETTIMANALI	32	32	32
di cui LABORATORIO		17	10

Environment and Territory Management

- In the articulation "Management of the environment and the territory" the issues of conservation and protection of the environmental heritage, the issues related to the estive operations and the rural genius are explored.



Time frame ETM



DISCIPLINE	2° BIENNIO		5° ANNO
	3 ^a	4 ^a	5 ^a
LINGUA E LETTERATURA ITALIANA	4	4	4
LINGUA INGLESE	3	3	3
STORIA, CITTADINANZA E COSTITUZIONE	2	2	2
MATEMATICA	3	3	3
SCIENZE MOTORIE E SPORTIVE	2	2	2
COMPLEMENTI DI MATEMATICA	1	1	
PRODUZIONI VEGETALI	5	4	4
PRODUZIONI ANIMALI	3	3	2
RELIGIONE CATTOLICA O ATT. ALTERNATIVA	1	1	1
TRASFORMAZIONE DEI PRODOTTI	2	2	2
ECONOMIA, ESTIMO, MARKETING E LEGISL.	2	3	3
GENIO RURALE	2	2	2
BIOTECNOLOGIE AGRARIE	2	2	
GESTIONE DELL'AMB. E DEL TERRITORIO			4
TOTALE ORE SETTIMANALI	32	32	32
di cui LABORATORIO	17		10

Viticulture and Oenology

- In the articulation "Viticulture and Oenology" the issues related to the specific organization of the wine production, to the transformation and marketing of the relative products, to the use of biotechnologies are explored.



Time frame VO



DISCIPLINE	2° BIENNIO		5° ANNO
	3 ^a	4 ^a	5 ^a
LINGUA E LETTERATURA ITALIANA	4	4	4
LINGUA INGLESE	3	3	3
STORIA, CITTADINANZA E COSTITUZIONE	2	2	2
MATEMATICA	3	3	3
SCIENZE MOTORIE E SPORTIVE	2	2	2
COMPLEMENTI DI MATEMATICA	1	1	
PRODUZIONI VEGETALI	5	4	
PRODUZIONI ANIMALI	3	3	2
RELIGIONE CATTOLICA O ATT. ALTERNATIVA	1	1	1
TRASFORMAZIONE DEI PRODOTTI	2	2	
ECONOMIA, ESTIMO, MARKETING E LEGISL.	3	2	2
GENIO RURALE	3	2	
BIOTECNOLOGIE AGRARIE		3	
GESTIONE DELL'AMB. E DEL TERRITORIO			2
VITICOLTURA E DIFESA DELLA VITE			4
ENOLOGIA			4
BIOTECNOLOGIE VITIVINICOLE			3
TOTALE ORE SETTIMANALI	32	32	32
di cui LABORATORIO	17	10	

The second Biennium and the Fifth Year are also characterized by Alternating School Work activities for a total of 400 hours

The alternation consists of an educational methodology in which the students combine a period of theoretical training in the classroom with one of more practical experience in a company. This project aims to bring the world of the school closer to that of work contributing to the orientation of the students and, at the same time, to acquire their experiences and skills that can be enhanced when they start looking for a job. The students of the ITA perform alternating activities both in the school farm and in affiliated external structures



SKILLS and COMPETENCE

At the end of the five-year course, the graduate in Agricultural, Agri-Food and Agro-Industry addresses achieves the learning outcomes specified below in terms of skills that, in relation to each of the articulations, the competences are developed in line with the peculiarity of the reference path

1. Identify and describe the significant characteristics of environmental contexts.
2. Organize environmentally friendly production activities.
3. To manage productive and transformative activities, enhancing the qualitative aspects of products and ensuring traceability and security.
4. Accounting for company capital and its variation during production periods; to find results through company financial statements and efficiency indexes.
5. Develop value estimates, cost-benefit analysis and impact assessment reports environmental.
6. Interpret and enforce Community, national and regional regulations concerning activities integrated farming.
7. Intervene in the topographic survey and in the interpretation of the documents concerning the situations environmental and territorial.
8. To realize promotional activities for the enhancement of agri-food products connected to the territorial characteristics, as well as the quality of the environment.

The cycle of studies ends with a State Exam after which the Diploma of Technician in Agriculture, Agrialimentare and Agroindustria is obtained

In addition, the Certification of skills is also issued for work-school alternation activities

The Diploma allows you to continue studies:

- University
 - Higher Technical Institute
- or
- Access the Competitions at State Authorities
 - Exercise free profession as an Agricultural Expert
 - Working as a technologist in the agro-food, chemical, plant protection and zootechnics sectors





Arrivederci dallo Staff Italiano

