

Istituto Istruzione Superiore "Ferraris - Brunelleschi"

Address: Via R. Sanzio n. 187 and Via G. da Empoli 25

Telephone number: 0039 0571/81041 and 81543 – 0039 0571/74205

E-mail: info@iisferraris.it geometri@iisferraris.it

Website: www.iisferraris.it

Head-master: Daniela Mancini

Educational offer

Technical Industrial School – common two years	1st two-year course	
	1st year	2nd year
Italian language and literature	4	4
English	3	3
History	2	2
Mathematics	4	4
Law and Economics	2	2
Integrated science (Earth science and Biology)	2	2
Sports science	2	2
Catholic Religion or alternative activities	1	1
Integrated science (Physics)	2+(1)*	2+(1)*
Integrated science (Chemistry)	2+(1)*	2+(1)*
Technologies and techniques of graphical representation	2+(1)*	2+(1)*
IT technologies	1+ (2)*	-
Applied sciences and technologies	-	3
Total hours	32	32

* Laboratory

Technical industrial school – three years

Electrotechnical and Electronics	2nd two-year course		5th year
	3rd year	4th year	5th year
Italian language and literature	4	4	4
English	3	3	3
History	2	2	2
Mathematics	3	3	3
Sports science	2	2	2
Catholic Religion or alternative activities	1	1	1
COMMON SUBJECTS			
Complements of Mathematics	1	1	-
Technician and programmer of electrical and electronic systems	5	5	6
ARTICULATION "Electrotechnics"			
Electrotechnical and Electronics	7	5	6
Automatic Systems	3	6	5
Total hours	32	32	32
of which in laboratory	17		10

Technical Industrial School – three years

Chemistry, materials and biotechnology	2nd two-year course		5th year
	3rd year	4th year	5th year
Italian language and literature	4	4	4
English	3	3	3
History	2	2	2
Mathematics	3	3	3
Sports science	2	2	2
Catholic Religion or alternative activities	1	1	1
Complements of Mathematics	1	1	-
ARTICULATION "Chemistry and Materials"			
Analytic and instrumental chemistry	7	6	8
Organic and biochemical chemistry	5	5	3
Industrial chemical technologies	4	5	6
Total hours	32	32	32
of which in laboratory	17		10

Technical Industrial School – three years

IT and telecommunications	2nd two-year course		5th year
	3rd year	4th year	5th year
Italian language and literature	4	4	4
English	3	3	3
History	2	2	2
Mathematics	3	3	3
Sports science	2	2	2
Catholic Religion or alternative activities	1	1	1
<u>COMMON SUBJECTS</u>			
Complements of Mathematics	1	1	-
Systems and networks	4	4	4
Technician and programmer of IT and telecommunication systems	3	3	4
Project management, business organization	-	-	3
<u>ARTICULATION "IT"</u>			
IT	6	6	6
Telecommunications	3	3	-
Total hours	32	32	32
of which in laboratory	17		10
<u>ARTICULATION "Telecommunications"</u>			
IT	3	3	
Telecommunications	6	6	6
Total hours	32	32	32
of which in laboratory	17		10

For further information you can contact the teacher Antonino La Rocca and visit the school on the 12/01, 19/01, 26/01 time: 15,30-18,30.

Italian language and literature	4	4
English	3	3
History	2	2
Mathematics	4	4
Law and Economics	2	2
Integrated science (Earth science and Biology)	2	2
Sports science	2	2
Catholic Religion or alternative activities	1	1
Integrated science (Physics)	2+(1)*	2+(1)*
Integrated science (Chemistry)	2+(1)*	2+(1)*
Technologies and techniques of graphical representation	2+(1)*	2+(1)*
IT technologies	1+ (2)*	-
Applied sciences and technologies	-	3
Total hours	32	32

School for Building Surveyors – Building environment and territory

2nd two-year course		5th year
3rd year	4th year	5th year

Italian language and literature	4	4	4
English	3	3	3
History	2	2	2
Mathematics	3	3	3
Sports science	2	2	2
Catholic Religion or alternative activities	1	1	1
Complements of Mathematics	1	1	-
Site management and safety in the workplace	2	2	2
ARTICULATION "Construction, environment and territory"			
Design, Construction and Equipment	7	6	7
Geopedology, Economics and Valuation	3	4	4
Topography	4	4	4
Total hour	32	32	32
of which in laboratory	17		10
ARTICULATION "Technologies of wood in construction"			
Design, Construction and Equipment	4	3	4
Geopedology, Economics and Valuation	3	3	3

Topography	3	4	3
Technologies of wood in construction	4	4	5
Total hour	32	32	32
of which in laboratory	17		10
ARTICULATION "geotechnical"			
Geology and Applied Geology	5	5	5
Construction & Surveying	3	3	4
Technologies for the management of land and environment	6	6	6
Total hour	32	32	32
of which in laboratory	17		10

For further information you can contact the teacher Monica Macinati and visit the school on the 12/01, 19/01, 26/01 time: 15,30-18,30.

Vocational school for industry and crafts - common two years

	1st two-year course	
	1st year	2nd year
Italian language and literature	4	4
English	3	3
History	2	2
Mathematics	4	4
Law and Economics	2	2
Integrated science (Earth science and Biology)	2	2
Sports science	2	2
Catholic Religion or alternative activities	1	1
Integrated science (Physics)	1+(1)*	1+(1)*
Integrated science (Chemistry)	2	2
Technologies and techniques of graphical representation	3	3
Technological laboratories and exercises	(3)*	(3)*
Total hours	32	32

* Laboratorio

Vocational school for industry and crafts

Maintenance and Technical Support	2nd two-year course		5th year
	3rd year	4th year	5th year
Italian language and literature	4	4	4
English	3	3	3
History	2	2	2
Mathematics	3	3	3
Sports science	2	2	2
Catholic Religion or alternative activities	1	1	1
Technological laboratories and exercises	4	3	3
Mechanical technologies and applications	5	5	3
Electrical-electronic technologies and applications	5	4	3
Technologies and techniques of installation and maintenance	3	4	4
Total hours	32	32	32
of which in laboratory	19		9

The High School Ferraris Brunelleschi is going to activate under integrative subsidiarity the following three-year qualifications:

- mechanic operator
- Thermohydraulic system operator

For further information you can contact the teacher Dimitri Gudas and visit the school on the 12/01, 19/01, 26/01 time: 15,30-18,30.