

The Bachelor 's degree in Chemistry and Chemical Technologies is an educational path aimed at providing basic chemical notions, essential pre-requisites for laboratory activities, namely synthesis or analyses, and industrial production. The courses cover the foundations of inorganic, organic, physical, analytical and biological chemistry, and also provide students with the basic concepts of environmental chemistry, sustainable development, "green chemistry" and new EU legislation on classification and risk assessment of chemicals. **All courses taught in Italian when not otherwise specified.**

First and Second year (58+64 ECTS):

	ECTS
Mathematics	16
Physics (I year) 	10
Inorganic Chemistry (I year) 	12
Inorganic Chemistry	12
Organic Chemistry (I year) 	10
Organic Chemistry	12
Physical Chemistry (I year) 	8
Physical Chemistry	24
Analytical Chemistry	12
Biochemistry	6
Chemistry of Metals and Polymers	8

Lab activities (tot.): **5** ECTS Class Whorkshops (tot.): **10** ECTS English: **2** ECTS

Third year (58 ECTS):

CHEMISTRY Curriculum	ECTS
Analytical Chemistry	16
Inorganic Chemistry	4
Organic Chemistry	6
Physical Chemistry	6
Related and supplementary subjects	8
Optional subjects	12

Lab activities (tot.): **13** ECTS

Class Whorkshops (tot.): **1** ECTS

English: **2** ECTS

INDUSTRIAL CHEMISTRY Curriculum	ECTS
Analytical Chemistry	10
Inorganic Chemistry	3
Organic Chemistry	5
Industrial Chemistry	17
Related and supplementary subjects	6
Optional subjects	12

Lab activities (tot.): **12** ECTS

Class Whorkshops (tot.): **8** ECTS

Safety: **1** ECTS

Final dissertation: 4 ECTS