General Information	
Academic subject	Elements of Geometry
Degree course	Scienze della Formazione Primaria
Curriculum	
ECTS credits	6
Compulsory attendance	No
Language	Italiano

Subject teacher	Name Surname	Mail address	SSD
	Amedeo Altavilla	amedeo.altavilla@uniba.it	MAT/03

ECTS credits details			
Basic teaching activities			

Class schedule	
Period	2nd semester
Year	3th
Type of class	Lectures and exercise sessions

Time management	
Hours measured	1h= 60 min
In-class study hours	
Out-of-class study hours	

Academic calendar	
Class begins	
Class ends	

Syllabus	
Prerequisite requirements	
Expected learning outcomes	*Knowledge and understanding* Knowledge of fundamentals principles of the topic, such as capability of abstraction and of computation through basic geometric models. *Applying knowledge and understanding* Learning to analyse and comprehend problem situations connected to reality. *Making informed judgements and choices* Development of an autonomous judgement of own knowledge. *Capacities to continue learning* Development of a good level of self learning.
Contents	Elements of logic and set theory; Euclid axioms and foundation of Euclidean geometry; first deductions from the axioms; congruences criteria for triangles; notable triangles; notable polygons and their properties. Regular polygons and their properties; circles and discs. Lengths and areas. Similitudes among polygons and relatives criteria. Solids in space and some description of notable solids. Volumes.
Course program	

Bibliography	A.Gimigliano, L. Peggion, Elementi di Matematica, UTET Università.
Notes	
Teaching methods	Lectures with exercise classes and discussion. Possible laboratory activities.
Assessment methods	Written exam with optional oral exam. The oral part of the exam is compulsory only for "almost sufficient" evaluations at the written exam.
Further information	