General information	
Academic subject	**Superior algebra**
Degree course	*Mathematics*
Academic Year	*II year master course*
European Credit Transfer and Accumulation System (ECTS)	
Language	*Italian, English*
Academic calendar (starting and ending date)	*2-nd semester*
Attendance	*Strongly recommended*

Professor/ Lecturer	
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Department and address	*Room 1, 4-th floor, Department of Mathematics, via Orabona 4, 70125, Bari (Italy)*
Virtual headquarters	
Tutoring (time and day)	From 3:00 to 4:00 pm, Monday

Syllabus	
Learning Objectives	Training students to the language of formal algebra; furnishing classical techniques to classifying problems of algebraic objects.
Course prerequisites	*Elements of group, ring and field theory; Jordan normal form.*
Contents	
Books and bibliography	*I.N. Herstein, "Noncommutative rings"; T.-Y.Lam "A first course in noncommutative rings"*
Additional materials	

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			
ECTS			

Teaching strategy	*Classical lectures*

Expected learning outcomes	
Knowledge and understanding on:	o
Applying knowledge and understanding on:	o
Soft skills	• *Making informed judgments and choices* • • *Communicating knowledge and understanding* • • *Capacities to continue learning* o

Assessment and feedback	
Methods of assessment	
Evaluation criteria	• *Knowledge and understanding* • • *Applying knowledge and understanding* • • *Autonomy of judgment* • • *Communicating knowledge and understanding* • • *Communication skills* • • *Capacities to continue learning* ○
Criteria for assessment and attribution of the final mark	*The final mark is a ratio of 30. The exam is considered passed if the final mark is greater than or equal to 18.*
Additional information	