

Academic subject: HISTORY AND FOUNDATIONS OF MATHEMATICS				
Degree Class: LM-40 - Matematica		Degree Course: Mathematics		Academic Year: 2020/2021
		Kind of class: mandatory		Year: 2Period: 2
			ECTS: 7 divided into ECTS lessons: 6,5 ECTS exe/lab/tutor: 0,5	
Time management, hours, in-class study hours, out-of-class study hours lesson: 52    exe/lab/tutor: 8    in-class study: 60    out-of-class study: 100				
Language: Italian	Compulsory Attendance: no			
Subject Teacher: Margherita Barile	Tel: +39 080 5442204 e-mail: margherita.barile@uniba.it	Office: Department of Mathematics 2nd floor, room 23	Office days and hours: By appointment	
Prerequisites: Fundamentals of algebra, calculus, geometry.				
Educational objectives: Understanding the origin and the evolution of mathematical notions.				
Expected learning outcomes (according to Dublin Descriptors)	Knowledge and understanding: Placing a mathematical notion into a historical perspective.			
	Applying knowledge and understanding: Applying a history-based approach to mathematical education.			
	Making judgements: Comparing different views of the same mathematical object.			
	Communication: Raising public awareness in mathematics.			
	Lifelong learning skills: Learning by reading original mathematical works.			
Course program Selected topics in the history of algebra, calculus and geometry, from ancient Mesopotamia to the 19th century.				
Teaching methods: Lectures				
Auxiliary teaching: Lecture notes and related literature.				
Assessment methods: Oral exam				
Bibliography: Further readings recommended during the lectures.				