



## COMPUTATIONAL MATHEMATICS - LAB

<b>Enrollment year</b>	2014/2015
<b>Academic year</b>	2016/2017
<b>Regulations</b>	DM270
<b>Academic discipline</b>	MAT/08 (NUMERICAL ANALYSIS)
<b>Department</b>	DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES
<b>Course</b>	NATURAL SCIENCES AND TECHNOLOGIES
<b>Curriculum</b>	PERCORSO COMUNE
<b>Year of study</b>	3°
<b>Period</b>	2nd semester (01/03/2017 - 16/06/2017)
<b>ECTS</b>	3
<b>Lesson hours</b>	24 lesson hours
<b>Language</b>	ITALIAN
<b>Activity type</b>	ORAL TEST
<b>Teacher</b>	BOFFI DANIELE (titolare) - 6 ECTS
<b>Prerequisites</b>	A good notion of the contents of the course "Matematica" (Mathematics) is a prerequisite for attending this course with success
<b>Learning outcomes</b>	The course aims at introducing the student to the most important notions of numerical analysis. The student will also be provided with some basic background on computer programming.
<b>Course contents</b>	Non linear equations. Linear equations. Interpolation and polynomial approximation. Derivatives. Numerical integration. Approximation of ordinary differential equations.
<b>Teaching methods</b>	Lectures and labs
<b>Recommened or required readings</b>	Students will be provided with links to lecture notes and textbooks



Written and oral exam.

## Further information

