



MATHEMATICS (SURNAMES L-Z)

Enrollment year	2016/2017
Academic year	2016/2017
Regulations	DM270
Academic discipline	MAT/08 (NUMERICAL ANALYSIS)
Department	DEPARTMENT OF BIOLOGY AND BIOTECHNOLOGY "LAZZARO SPALLANZANI"
Course	BIOTECHNOLOGY
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	(01/10/2016 - 14/01/2017)
ECTS	9
Lesson hours	72 lesson hours
Language	italiano
Activity type	ORAL TEST
Teacher	SEGATTI ANTONIO GIOVANNI - 9 ECTS
Prerequisites	
Learning outcomes	
Course contents	<p>After introducing the basic concepts of set theory and the numerical sets of natural, integer, rational, real and complex numbers, the fundamental topics in Mathematical Analysis will be introduced: concept of function, properties of functions of one real variable, limits of real functions, continuous functions, differentiation, graphical representation of functions, integration, exponential and logarithmic functions, logarithmic scale representation, matrices and linear systems.</p> <p>Simple models of biological and chemical phenomena governed by first order ordinary differential equations will be also studied.</p>

Teaching methods

Reccomended or required readings

Assessment methods

Further information

Sustainable development goals - Agenda 2030

[\\$lbl legenda sviluppo sostenibile](#)