



MATHEMATICS (SURNAMES A-K)

Enrollment year	2017/2018
Academic year	2017/2018
Regulations	DM270
Academic discipline	MAT/08 ()
Department	DEPARTMENT OF BIOLOGY AND BIOTECHNOLOGY "LAZZARO SPALLANZANI"
Course	BIOTECHNOLOGY
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	
ECTS	6
Lesson hours	48 lesson hours
Language	Italian
Activity type	
Teacher	GARDINI FRANCESCA - 6 ECTS
Prerequisites	Knowledge of basic results from High School Mathematics program.
Learning outcomes	Knowledge of basic results of Calculus
Course contents	Numerical sets, real functions, limits, continuous functions, derivatives, integration, exponential and logarithmic functions. First order ordinary differential equations.
Teaching methods	Lectures and sessions of practical exercises aimed at applying in concrete examples the theoretical concepts presented during the lectures.
Recommened or required readings	"Matematica e statistica, le basi per le scienze della vita". Marco Abate

Mc Graw Hill

Assessment methods

There will be a written examination, where the student will be asked to solve some problems on the specific topics treated during the course. If the student is positively evaluated in the written examination, an additional oral colloquium at discretion of the committee can be considered.

Note that the final grade of "Calculus and Statistics" course will be the mean of the grades of the two parts. In order to be admitted to the examination on the Statistics' part, it is mandatory that the student has successfully passed the exam of the "Calculus" part

Further information

This is the first part of the course "Calculus and Statistics"

Web page of the course:

<http://www-dimat.unipv.it/gardini/teaching/2017/MATE/Matematica.html>

Sustainable development goals - Agenda 2030

[Sibl legenda sviluppo sostenibile](#)