UNIVERSITÀ DI PAVIA

Anno Accademico 2017/2018

PROGRAMMING 2	
Enrollment year	2016/2017
Academic year	2017/2018
Regulations	DM270
Academic discipline	NN (INDEFINITO/INTERDISCIPLINARE)
Department	DEPARTMENT OF MATHEMATICS "FELICE CASORATI"
Course	MATHEMATICS
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	2nd semester (01/03/2018 - 08/06/2018)
ECTS	3
Lesson hours	28 lesson hours
Language	Italian
Activity type	WRITTEN AND ORAL TEST
Teacher	GARDINI FRANCESCA (titolare) - 3 ECTS
Prerequisites	First year Programming 1 and Numerical Analysis 1 courses
Learning outcomes	The aim of the course is to show several applications of scientific computing through the use of software such as Matlab or other programming languages.
Course contents	The main topics are: - functions and data approximation - non linear equations and optimisation - numerical integration - numerical approximation of ordinary differential equations.

Teaching methods

Lectures and Labs.

Notes provided by the teacher

Assessment methods

Written and oral exam. Lab report.

Further information

Website:
http://www-dimat.unipv.it/gardini/teaching/2017/PROGRAM2/Programm
azione2.html

Sustainable development goals - Agenda 2030

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