

## Courses of the Natural Sciences Class of the Galilean School 2015-2016

year	Course	trimester	lecturers
1	Calculus	1	Paolo Guiotto
1	Complements of analysis	1	Carlo Mariconda
1	Introduction to probability models	2	Alessandra Bianchi
1	Introduction to thermodynamics	3	Fulvio Baldovin/Enzo Orlandini
2	Measure theory	1	Paolo Ciatti
2	Chemical equilibrium and irreversible processes	2	Giorgio Moro
2	Interactions networks in living systems	1	Amos Maritan
2	Fluid dynamics	2	Roberto Turolla
3	Algebraic structure	1	Matteo Longo
3	Quantum mechanics	3	Pieralberto Marchetti
3	Short course in robotics and learning	2	Jochen Steil/Livia Conti
3	Chemical kinetics	3	Mauro Sambi
4-5	Spectral theory	3	Pier Domenico Lamberti
4-5	Comparative physiology of organisms adaptation to environment	3	Mariano Beltramini
4-5	Geometric methods in theoretical physics	3	Gianguido Dall'Agata
4-5	Bio-optogenetics	2	Giorgio Carmignoto
	Science meccano theory		Paolo Ciatti/Fulvio Baldovin

Trimester 1 - 12/10/2015 - 4/12/2015

Trimester 2 - 11/1/2016 - 11/3/2016

Trimester 3 - 14/3/2016 - 20/5/2016