

Daide Gerosa | Transcripts

+1 626-395-6829 • dgerosa@caltech • December 13, 2018

Note on the Italian grading system. Students are graded after each class on a scale ranging from 0 to 30 with 18 as passing mark. Degrees are awarded after successfully defending a research thesis. Final degree grades range from 0 to 110 with 66 as passing mark. "Cum laude" mentions may be added to the highest grades as special distinctions.

Laurea Magistrale (Master's Degree): Astrophysics

Università degli Studi di Milano (Milan, Italy). October 2010 - April 2013

Average class grade: **30/30** with 7/12 "cum laude" mentions. Final grade: **110/110 cum laude**

Thesis: *Black hole spin alignment in astrophysical environments.*

Advisors: G. Lodato, E. Berti

Course (Italian official name)	Contents	Final Score	Weight (CFU)
Elettrodinamica Classica	Classical Electrodynamics	30/30 cum laude	6
Metodologie di Analisi Dati	Statistical Data Analysis	30/30	6
Laboratorio di Ottica 1	Physics Lab: Astronomical Optics	30/30	6
Astronomia 1	Astronomy	30/30	6
Astronomia 2	Astronomy	30/30	6
Fisica Cosmica 1	Astrophysical Fluids and Accretion Disks	30/30 cum laude	6
Cosmologia	Cosmology	30/30	6
Gravità e Superstringhe 1	Advanced General Relativity	30/30 cum laude	6
Astrofisica Nucleare Relativistica 1	Stellar Structure and Evolution	30/30 cum laude	6
Astrofisica Nucleare Relativistica 2	Compact Objects	30/30 cum laude	6
Astrofisica Teorica 1	Dynamics of Spiral Galaxies	30/30 cum laude	6
Astrofisica Teorica 2	Dynamics of Elliptical Galaxies	30/30 cum laude	6
Final thesis	Research	Approved	48

Laurea Triennale (Bachelor's Degree): Physics

Università degli Studi di Milano (Milan, Italy). October 2007 - December 2010

Average class grade: **29.84/30** with 18/26 "cum laude" mentions. Final grade: **110/110 cum laude**

Thesis: *Applicazioni Fisiche della Geometria di Finsler* (Physical Applications of Finsler Geometry).

Advisors: D. Klemm, A. Santambrogio

Course (Italian official name)	Contents	Final Score	Weight (CFU)
Analisi Matematica 1	Mathematical Analysis	30/30 cum laude	8
Analisi Matematica 2	Mathematical Analysis	30/30 cum laude	7
Analisi Matematica 3	Mathematical Analysis	30/30 cum laude	7
Fisica 1	Classical Mechanics	30/30	7
Fisica 2	Electrostatics and Magnetostatics	30/30	7
Fisica 3	Waves and Optics	30/30 cum laude	7
Fisica 4	Electromagnetism	30/30	7
Fisica 5	Thermodynamics	30/30 cum laude	6
Geometria 1	Linear Algebra	30/30 cum laude	7
Laboratorio di Fisica 1	Physics Lab: Mechanics	30/30	6
Laboratorio di Fisica 2	Physics Lab: Waves	30/30 cum laude	2
Laboratorio di Fisica 3	Physics Lab: Electromagnetism	30/30 cum laude	5
Laboratorio di Fisica 4	Physics Lab: Optics	30/30	5
Laboratorio di Calcolo 1	Numerical Computation	30/30 cum laude	6
Laboratorio di Calcolo 2	Numerical Computation	30/30 cum laude	7
Chimica 1	Chemistry	28/30	6
Fisica Moderna	Quantum Mechanics	30/30 cum laude	7
Meccanica Quantistica 1	Quantum Mechanics	30/30 cum laude	7
Metodi Matematici della Fisica 1	Complex Analysis	30/30 cum laude	7
Struttura della Materia 1	Structure of Matter	30/30 cum laude	7
Ist. di Fisica Nucleare e Subnucleare	Nuclear and Particle Physics	28/30	7
Meccanica Razionale 1	Analytical Mechanics and Special Relativity	30/30 cum laude	7
Meccanica Celeste	Celestial Mechanics	30/30 cum laude	6
Introduzione alla Relatività Generale	Introduction to General Relativity	30/30 cum laude	6
Introduzione all'Astrofisica	Introduction to Astrophysics	30/30	6
Laboratorio di Ottica	Physics Lab: Fourier Optics	30/30 cum laude	6
Inglese 1	English	Approved	2
Inglese 2	English	Approved	2
Final thesis	Research	Approved	9