

Graduate and Postgraduate Courses

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Graduate courses in preparation to the Master at the University of Pisa

GEO	Geometry, Profs. Broglia, Fortuna
ANA I	Analysis I, Prof. Marino
ANA II	Analysis II, Prof. Marino
EXP I	Laboratory I, Prof. Martinelli
EXP II	Laboratory II, Profs. Tonelli, Bigi
EXP III	Laboratory III, Profs. Pierazzini, Minguzzi
EXP IV	Laboratory IV, Prof. Beverini
PHY I	Physics I, Profs. Bellettini, Barsella
PHY II	Physics II, Prof. Stoppini
PHY III	Physics III, Profs. Menotti, D' Emilio
PHY SUP	Superior Physics, Prof. Bemporad
PHY THEO	Theoretical Physics, Profs. Di Giacomo, Maggiore, Paffuti, Rossi
PHY STAT	Statistical Physics, Prof. Guadagnini
PHY SOL	Solid State Physics, Prof. Grosso
PHY STR	Structure of Matter, Prof. Arimondo
PHY MECH	Analytical Physics, Prof. Servadio
MAT METH	Mathematical Methods for Physics, Profs. Cicogna, Morchio
CHEM	Chemistry, Prof. Palleschi

Graduate courses at Scuola Normale Superiore di Pisa

PHY STAT Statistical Physics, Prof. Tosi
 PHY MANY Many Body Physics, Prof. Tosi
 BODY

Postgraduate courses in preparation to the Master and Ph.D. at the University of Illinois at Urbana-Champaign

ESL 401 Introduction to academic writing
 PHYCS 302 Atmospheric Science, Prof. Walter Robinson
 PHYCS 302 Principles of Atoms Dynamics, Prof. Richard Martin
 PHYCS 398 Computer Simulation Methods of Many Particle Physics, Prof. David Ceperley
 PHYCS 402 Theoretical Astrophysics, Prof. W. Watson and K. Cundiff
 PHYCS 411 Boundary Value Problems in Physics, Prof. Yoshi Oono
 PHYCS 412 Additional Techniques in Mathematical Physics, Prof. Yoshi Oono
 PHYCS 413 Complex Variables Physics, Prof. Michael Stone
 PHYCS 414 Advanced Mechanics, Prof. Vijay Pandharipande
 PHYCS 417 Lie Groups and Physics Applications, Prof. Boris Fine
 PHYCS 419 Physics of Elasticity, Prof. Eduardo Fradkin
 PHYCS 430 Surface Physics, Prof. Ehrlich Gert
 PHYCS 450 Biomolecular Physics, Prof. Ulrich Nienhaus
 PHYCS 464 Phase Transitions, Prof. Nigel Goldenfeld
 PHYCS 470 Nuclei and Particles, Prof. Vijay Pandharipande
 PHYCS 481 Quantum Mechanics II, Prof. Paul Goldbart
 PHYCS 498C General Relativity I, Prof. Stuart Shapiro, Thomas W. Baumgarte, Luciano Rezzolla
 PHYCS 498C General Relativity II, Prof. Stuart Shapiro
 PHYCS 498C Compact Objects, Prof. Stuart Shapiro
 PHYCS 498C Non Equilibrium Statistical Mechanics, Prof. Klaus Schulten
 PHYCS 498 Spinors in Geometry and Physics, Prof. Robert Leigh and Prof. Steven B. Bradlow
 PHYCS 498 General Field Theory, Prof. Eduardo Fradkin
 PHYCS 498B Topology and Groups, Prof. Michael Stone and Prof. John P. D' Angelo

PHYCS 498 Very Degenerate Atomic Gases, Prof. Anthony J. Leggett

Postgraduate courses in preparation to the Ph.D. at the University of Trieste

- (1) Computational approach to the structural and electronic properties of solids, Prof. Maria Peressi
- (2) Dynamic phenomena on surfaces, Prof. Renzo Rosei
- (3) Introduction to dynamical systems, Prof. Fabio Benatti
- (4) Introduction to statistical thermodynamics of disordered systems, Prof. Giorgio Pastore
- (5) Magnetic properties of low dimensional systems, Prof. Giorgio Rossi

