Postgraduate Courses

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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	Atmospherical 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