| Name of the Course | Professor | SSD | HOURS | PERIOD | Notes |
|---|---|---|---|---|---|
| Introduction to modern computing infrastructures | M. Iacono | ING-INF/05 | 20 | February-March | |
| Data Management | M. Iacono | ING-INF/05 | 16 | March-April | |
| English | T.B.D. | | 24-32 | | |
| Patent as an inventive research activity | A. Capece | | | | |
| Combinatorics and its Applications | O. Polverino/F. Zullo | MAT/03 | 20 | March-May | |
| Spline models for regression analysis | R. Campagna | MAT/08 | 20 | February-March | |
| Theory of nuclear forces | L. Coraggio | FIS/02 | 20 | July-September | |
| An Introduction to Linear Dynamics | E. D'Aniello | MAT/05 | 20 | February-April | |
| Physics for Space Application | M. De Cesare | FIS/07 | 20 | October-December | |
| Research in mathematics Education | U. Dello Iacono | MAT/04 | 20 | June-July | |
| Stability analysis of open-channel flows with Newtonian and non-Newtonian fluids | M. Iervolino | ICAR/01 | 20 | October-December | |
| Biophotonics for clinics and environment | M. Lepore/ I.. Delfino | FIS/07 | 20 | April-June | |
| Biophysical mechanisms and therapeutic implications of human exposure to ionizing radiation | L. Manti | FIS/07 | 20 | October-November | |
| Petri Nets and their applications in science and engineering | S. Marrone | INF/01 | 20 | October-December | |
| New Concepts and Materials for Applications in Electronics, Photovoltaics and Energy Storage | G. Landi | FIS/01 ING-INF/01 | 20 | April-July | |
| Computational solid and structure mechanics: Finite elements and Boundary elements | V. Minutolo | ICAR/08 | 20 | March-April | |
| Principle of non-Newtonian Fluid Mechanics | C. Carotenuto/M. Minale | ING-IND/24 | 20 | September | |
| Numerical Applications for Physics and Engineering | B. Morrone | ING-IND/10 | 20 | June-July | Not for Math graduate students |
| Navier-Stokes equations: an introduction to the well(ill)-posed initial boundary value problem. | P. Maremonti | MAT/07 | 20 | October-December | |

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|---|---|---|---|---|---|
| Digital Signal Processing | S. Marrone/L. Verde | INF/01 | 20 | April-June | |
| Numerical methods for inverse imaging problems and parameter identification | M. Pragliola/G.Toraldo | MAT/08 | 20 | January-February | |
| Stochastic Processes and Analysis of Correlations | E. Lippiello/A. Sarracino | FIS/02 | 16 | February-March | |
| Astrophysics with ultra-high-energy neutrinos and Neutrino Telescope | P. Migliozzi | FIS/04 | 8 | | |
| An introduction to Reaction-Diffusion Equations | B. Pellacci | MAT/05 | 20 | June-July | |
| Isotope Physics and Methodologies | F. Marzaioli | FIS/07 | 20 | June | |
| Optics and Photonics for advanced multimodal metrology | P. Ferraro | FIS/03 | 20 | October-December | |
| Pyro-electrohrdrodynamics and advanced technologies for soft-matter manipulation | S. Coppola/S.Grilli | FIS/07 | 20 | October-December | |
| Statistical Methods in Experimental Sciences | F. Terrasi | FIS/07 | 20 | October – December | |
| Introduction to Set Theory | P. D'Aquino | MAT/01 | 20 | | The PhD student can choose only one of these two courses |
| Model theoretic analysis of algebraic structures | P. D'Aquino | MAT/01 | 20 | | |