

XXXVI cycle

List of teachings

TEACHING (LECTURES)	CFU	SSD*	Hours of lectures*
1. Theoretical and Computational Physics of the liquid state of matter. (S. Prestipino Giarritta)	2 CFU	FIS03	12
2. Structural and dynamic characterization of complex systems by means of spectroscopic techniques. Mod. A – Mod. B (V. Crupi - C. Corsaro)	2 CFU	FIS01	12
3. Statistical mechanics of non-equilibrium (A. Sergi)	1CFU	FIS02	6
4. Complex quantum systems and nano-optics. Mod. A – Mod. B (S. Savasta - R. Saija)	2 CFU	FIS03	12
5. Experimental physics applied to environmental and cultural heritage, biology and medicine. Mod. A – Mod. B (D. Majolino – V. Venuti)	2 CFU	FIS07	12
6. Diagnostic techniques of laser plasmas and treatment of materials. (L. Torrisi)	1 CFU	FIS01	6
7. Innovative materials and detectors for photons, electrons and ions. (L. Silipigni)	1 CFU	FIS03	6
8. Micro- e nanomaterials. Mod. A – Mod. B (F. Neri – E. Fazio).	2 CFU	FIS01	12
9. Nanomaterials and devices. (S. Patanè)	1 CFU	FIS03	6
10. Physics of disordered systems. Mod. A – Mod. B (U. Wanderlingh – C. Branca)	2 CFU	FIS01	12
11. Physical methodologies for the study of condensed matter and the modeling of complex systems. (S. Magazù)	1 CFU	FIS01	6
12. Dynamics of nuclear reactions. Mod. A – Mod. B (A. Trifirò – M. Trimarchi)	2 CFU	FIS04	12
13. Baryon resonances and hadronic cross sections in Particle Physics. (G. Mandaglio)	1	FIS04	6
14. Studies of geophysics and geodynamics using physical methodologies. Mod. A – Mod. B (D. Presti – B. Orecchio)	2 CFU	GEO10	12

*compilare le colonne solo per gli insegnamenti/corsi

22 CFU (132 ore) – 14 insegnamenti

1 CFU = 6 ore