

COURSE TITLE***PHYSICAL CHEMISTRY 1***

(Chemistry Bachelor)

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Classroom site: Viale delle Scienze Ed. 17, L. Sacconi Room

Credits (CFU) = 8

COURSE PROGRAM**face-to-face lectures (64 hrs, 8 CFU)**

The physical chemistry 1 program deals with two main areas: chemical thermodynamics and kinetics. The thermodynamics module encompasses the laws of thermodynamics and their applications to the properties of gases, liquids, solids, solutions, heterogeneous systems as well as to a comprehensive treatment of phase and chemical equilibria. The chemical reaction kinetics module covers experimental and theoretical aspects of the subject joined to an examination of some advanced applications.

Training aids

-K Denbigh, I principi dell'equilibrio chimico, Ed. CEA

-P. W. Atkins, Chimica Fisica, Ed. Zanichelli

-lecture notes