

Inorganic nanomaterials: concepts and methods

 ECTS
2 crédits Composante
UFR Chimie Volume horaire
12h Période de
l'année
Semestre 2

Présentation

DESCRIPTION

For inorganic nanomaterials, theoretical aspects governing their formation and stabilization will be presented initially, offering a comprehensive overview of various strategies for preparing metals, oxides, and semiconductors at the nanoscale. Several techniques used for the study of these nanomaterials will be introduced and described such as X-ray diffraction, X-Ray photoelectron spectroscopy, electronic microscopy, nitrogen adsorption, thermogravimetric analysis and differential scanning calorimetry, to name a few.

HEURES D'ENSEIGNEMENT

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