

CHEM 585. COLLOID CHEMISTRY.

Credits: 3

Offered by: Chemistry (Faculty of Science)

This course is not offered this catalogue year.

Description

Principles of the physical chemistry of phase boundaries. Electrical double layer theory; van der Waals forces; Brownian motion; kinetics of coagulation; electrokinetics; light scattering; solid/liquid interactions; adsorption; surfactants; hydrodynamic interactions; rheology of dispersions.

- Winter
- Prerequisites: CHEM 345, MATH 233 and MATH 315, PHYS 241 and PHYS 242. Students who haven't taken CHEM 223 and CHEM 243 must have taken CHEM 273 or permission of instructor.

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