**BIS 1201 Distributed Information Systems (4 CU)**

**Course Description:** Upon completion of this course, the student will: Understand the basic principles underlying distributed information systems in general and client-server model (which is viewed as a specialization of distributed information systems) in particular. Understand the characteristics of common architectures and technical issues for distributed and client-server information systems. Have the knowledge and skills to design, plan, implement and support distributed information systems, services and server components.

**Indicative Content:** This course will cover: a broad foundation in distributed and client-server information systems from both a managerial and a systems development point of view; provide a base from which the student can assimilate knowledge of future developments in distributed and client-server information systems. The emphasis will be on developing skills and techniques in distributed business information systems.

**Reference Books:**

**i.** M. T. Ozsu and P. Valduriez, *The Principles of Distributed Databases,* Pearson Education; 2nd edition, 1999.

ii. G. Coulouris, J. Dollimore and T. Kindberg, *Distributed Systems - Concepts and Design*, 3rd edition, Addison Wesley, 2000.