

506341 Information Systems Analysis

[3 cr., 3, 0] This course introduces concepts, methods, tools and techniques used to conduct a system analysis study, systems development methodologies (SDLC, Prototyping, and others), the analysis and reengineering of business processes. Project management, cost-benefits analysis, gathering and analyzing information systems requirements, process modeling (DFD, process description, decision tables), data dictionary and preparing a system requirements documentation. Students conduct a system analysis study aiming at improving an existed information system or proposing a new system to meet informational needs of an organization.