Hochschule Konstanz
University of Applied Sciences

Course number: 16MIM20110
Principles of Complexity Management
Study Level: Master / Graduate

Prof. Dr. Frank Best
Language of Instruction: English
ECTS Credits: 6

Objectives:

Students know the basics of scientific theory and understand the topic of complexity from different theoretical perspectives and contexts. Students can critically discuss and compare different approaches to complexity reduction and complexity control and develop a deep understanding of. Classical strategic management models on complexity reduction.

Content:

- Theories of Complexity Management:
  Scientific Theory, Systems Theory, Constructivism, New Institutional Economics, Resource Dependence Approach, Shareholder Approach, Complexity and Interaction

- Strategic Complexity Management:
  Strategic Positioning, Markets and Competition, Organizational Cultures,Technology Portfolios, Product Portfolios