

University of Pretoria Yearbook 2021

Supply chain design 780 (BVK 780)

Qualification	Postgraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	16.00
NQF Level	08
Programmes	BEngHons Industrial Engineering BScHons Applied Science Industrial Systems
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Industrial and Systems Engineering
Period of presentation	Semester 2

Module content

Strategic design of supply chain networks, inventory management and supply chain integration. Framework for strategic alliances and third party logistics. Analysis and application of alternative supply chain reference models as the basis for modelling, analysis and improvement.

Course outline:

- Supply Chain Network Design
- Strategic Management of Inventory
- Supply Chain Integration
- Strategic Alliances
- Coordinated Product and Supply Chain Design
- Supply Chain Modelling (SCOR, VRM)

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