

University of Pretoria Yearbook 2022

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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