

University of Pretoria Yearbook 2020

Industrial analysis 780 (BAN 780)

Qualification Postgraduate

Faculty [Faculty of Engineering, Built Environment and Information Technology](#)

Module credits 16.00

Programmes [BScHons Applied Science Industrial Systems](#)

[BScHons Financial Engineering](#)

Service modules Faculty of Natural and Agricultural Sciences

Prerequisites Not for Industrial Engineering students

Contact time 24 contact hours per semester

Language of tuition Module is presented in English

Department Industrial and Systems Engineering

Period of presentation Semester 1 or Semester 2

Module content

- Monte Carlo Simulation
- Continuous Simulation
- System Dynamics
- Multi-objective Decision-making
- Operations Research
- Decision Analysis
- Discrete Simulation

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