

# 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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