

# University of Pretoria Yearbook 2019

## Fatigue 780 (MSV 780)

**Qualification** Postgraduate

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

**Module credits** 16.00

**Programmes** [BEngHons Mechanical Engineering](#)  
[BScHons Applied Science Mechanics](#)

[BScHons Applied Science Mechanics: Physical Asset Management](#)

**Prerequisites** No prerequisites.

**Contact time** 21 contact hours per semester

**Language of tuition** Module is presented in English

**Department** Mechanical and Aeronautical Engineering

**Period of presentation** Semester 1 or Semester 2

### Module content

Fatigue principles addressing both elasticity and plasticity; notch effects; variable amplitude loading conditions; multi-axial fatigue and weld fatigue.

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