

# University of Pretoria Yearbook 2022

## Infrastructure management 790 (SSI 790)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	Faculty of Engineering, Built Environment and Information Technology
<b>Module credits</b>	24.00
<b>NQF Level</b>	08
<b>Programmes</b>	BEngHons <i>Structural Engineering</i> BEngHons <i>Transportation Engineering</i> BEngHons <i>Water Resources Engineering</i> BSchHons (Applied Science) (Transportation Planning)
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	40 Contact hours
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Civil Engineering
<b>Period of presentation</b>	Year

### Module content

A research term paper will be prepared.

This module will cover the following topics: Asset Management principles, Maintenance Management principles, Maintenance strategies and philosophies, Condition based Maintenance, Reliability Centred Maintenance (RCM), Resource Management, Maintenance Management Systems, Total Productive Maintenance (TPM) and Risk Management. Maintenance management of the following disciplines will be studied in detail: Road infrastructure, Railway infrastructure, Airport infrastructure, Buildings and other structures, Water resources and water supply.

The regulations and rules for the degrees published here are subject to change and may be amended after the publication of this information.

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