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# University of Pretoria Yearbook 2019

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## Pavement materials and design 221 (SGM 221)

**Qualification** Undergraduate

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

**Module credits** 16.00

**Programmes** [BEng Civil Engineering](#)  
[BEng Civil Engineering Engage](#)

**Prerequisites** GLY 256 GS

**Contact time** 3 lectures per week, 1 tutorial per week, 1 practical per week

**Language of tuition** Separate classes for Afrikaans and English

**Department** Civil Engineering

**Period of presentation** Semester 2

### Module content

Geological origin. Soil tests and classification systems. Compaction, stabilisation. Bitumen and tar. Introduction to pavements. Overview of road building materials. Pavement design principles and methods.

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