

University of Pretoria Yearbook 2017

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 SGM 210 GS

Contact time 2 practicals per week, 2 lectures per week, 1 tutorial per week

Language of tuition Separate classes for Afrikaans and English

Academic organisation Civil Eng

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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