

# University of Pretoria Yearbook 2020

## Pavement materials and design 221 (SGM 221)

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| <b>Qualification</b>          | Undergraduate   |
| <b>Faculty</b>                | <a href="#">Faculty of Engineering, Built Environment and Information Technology</a>    |
| <b>Module credits</b>         | 16.00   |
| <b>Programmes</b>             | <a href="#">BEng Civil Engineering</a><br><a href="#">BEng Civil Engineering ENGAGE</a> |
| <b>Prerequisites</b>          | GLY 256 GS  |
| <b>Contact time</b>           | 1 practical per week, 1 tutorial per week, 3 lectures per week                          |
| <b>Language of tuition</b>    | Module is presented in English  |
| <b>Department</b>             | Civil Engineering   |
| <b>Period of presentation</b> | 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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