

# University of Pretoria Yearbook 2018

## Pipe flow 795 (SHC 795)

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| <b>Qualification</b>          | Postgraduate   |
| <b>Faculty</b>                | <a href="#">Faculty of Engineering, Built Environment and Information Technology</a>                             |
| <b>Module credits</b>         | 24.00  |
| <b>Programmes</b>             | <a href="#">BEngHons Water Resources Engineering</a><br><a href="#">BSchHons Applied Science Water Resources</a> |
| <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.

The focus in this course will be on the practical aspects of pipeline design. The theoretical background to pipeline hydraulics will be covered and practical examples will be assessed. The following specific aspects such as pipeline hydraulics included dynamic pressures, pipeline component selection and design, pipeline installation and the testing and operation of pipelines will be covered in this course.

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