

University of Pretoria Yearbook 2020

Free surface flow 794 (SHC 794)

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| Qualification | Postgraduate |
| Faculty | Faculty of Engineering, Built Environment and Information Technology |
| Module credits | 24.00 |
| Prerequisites | No prerequisites. |
| Contact time | 32 Contact hours |
| Language of tuition | Module is presented in English |
| Department | Civil Engineering |
| Period of presentation | Year |

Module content

A research term paper will be prepared.

This course entails the calculation of design flows for different return periods, using the statistical, deterministic – and empirical methods. Dambreak analysis is included in this course as well as channel and level pool routing.

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