

University of Pretoria Yearbook 2022

Process analysis 420 (CPS 420)

Qualification Undergraduate

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

Module credits 8.00

NQF Level 08

Programmes [BEng \(Chemical Engineering\)](#)

[BEng \(Chemical Engineering\) ENGAGE](#)

Prerequisites CPS 410

Contact time 1 tutorial per week, 2 lectures per week

Language of tuition Module is presented in English

Department Chemical Engineering

Period of presentation Semester 2

Module content

Pinch analysis and exergy analysis. Optimisation techniques. Flowsheet optimisation. Economic evaluation of processes. Applications using computer packages.

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