

University of Pretoria Yearbook 2020

Process analysis 420 (CPS 420)

Qualification Undergraduate

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

Module credits 8.00

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.

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.