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# University of Pretoria Yearbook 2022

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## Process analysis 420 (CPS 420)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Engineering, Built Environment and Information Technology</a>
<b>Module credits</b>	8.00
<b>NQF Level</b>	08
<b>Programmes</b>	<a href="#">BEng (Chemical Engineering)</a> <a href="#">BEng (Chemical Engineering) ENGAGE</a>
<b>Prerequisites</b>	CPS 410
<b>Contact time</b>	1 tutorial per week, 2 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Chemical Engineering
<b>Period of presentation</b>	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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