

# University of Pretoria Yearbook 2022

## Information systems design 320 (BID 320)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Engineering, Built Environment and Information Technology</a>
<b>Module credits</b>	16.00
<b>NQF Level</b>	07
<b>Programmes</b>	<a href="#">BEng (Industrial Engineering)</a> <a href="#">BEng (Industrial Engineering) ENGAGE</a>
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	1 tutorial per week, 2 practicals per week, 3 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Industrial and Systems Engineering
<b>Period of presentation</b>	Semester 2

### Module content

Systems development planning, system requirement analysis, different approaches towards structured analysis and design of systems, process design, database design and normalization, object-oriented design and modelling, information system application building and testing.

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