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# University of Pretoria Yearbook 2019

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## Managing information systems and big data 807 (GIB 807)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Gordon Institute of Business Science</a>
<b>Module credits</b>	12.00
<b>Contact time</b>	28 contact hours per 3 week cycle
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Gordon Institute of Business Science
<b>Period of presentation</b>	Semester 1 or Semester 2

### Module content

This elective addresses managing information systems to position company operations to be effective, efficient and adaptable in the rapidly changing global economy while appropriately handling associated challenges, ethical concerns, and risks. Issues and various approaches involved in defining, developing or acquiring, and deploying information systems are studied within both strategic and support roles. Managers will examine how information technology can be used as an enabler for business process improvement and service innovation, how to recognize business processes and assess their information-related needs, and how to develop organizational agility through business process innovations enabled by information technology.

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