

University of Pretoria Yearbook 2022

Information science 140 (INL 140)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	12.00
NQF Level	05
Programmes	BIS (Publishing) BIS (Information Science) BIS (Multimedia) BIT (Information Systems) BA (Visual Studies) BPolSci (Political Studies)
Service modules	Faculty of Humanities
Prerequisites	No prerequisites.
Contact time	1 practical per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Semester 2

Module content

Information and communication technology. This module offers a brief overview of hardware and software and telecommunications technologies. Various networks, network applications, intranets, internet, the World Wide Web, deep web and cloud computing are discussed. Computer ethics, ICTs, e-commerce, ergonomics, mobile computing technology and the influence that new trends and developments such as the 4th Industrial Revolution and virtual reality have on the creation and distribution of information are covered in this module. The practical component focuses on the introduction to the coding language, Python.

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