

University of Pretoria Yearbook 2022

Information science 220 (INL 220)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	16.00
NQF Level	06
Programmes	BIS (Information Science) BIT (Information Systems) BSc (Computer Science) BPolSci (Political Studies)
Service modules	Faculty of Humanities
Prerequisites	INL 210
Contact time	3 lectures per week, 3 practicals per week
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Semester 2

Module content

Representation and organisation. Information needs to be represented and organised in a system for it to be effectively retrievable. This module deals with the representation and organisation of information on the level of individual entities (e.g. indexing), from the perspective of the users (user profiling), as well as within a document collection (taxonomies and ontologies). The fundamental concepts of information organisation are also covered including components of information retrieval systems (IRS), abstraction principles and user information needs. This module also deals with search engine optimisation.

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