

# 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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