

University of Pretoria Yearbook 2022

Data management 717 (INY 717)

Qualification	Postgraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	15.00
NQF Level	08
Programmes	BISHons Information Science
Prerequisites	No prerequisites.
Contact time	8 meetings per semester
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Semester 1

Module content

The prevalence of data in almost all aspects of today's knowledge economy requires that graduates develop specific advanced competencies and skills related to the management of data and research data. The Fourth Industrial Revolution requires well managed data of reliable quality. This module addresses topics such as big data and long tail data, data life cycles, FAIR data, data curation, data quality, data visualisation, international data management standards, legal implications, citizen science, and other related issues. The re-use of data for knowledge creation, data citation as well as the storage and long-term preservation of data and research content in repositories, will also be addressed.

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