University of Pretoria Yearbook 2019

Analytical chemistry A 706 (CMY 706)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	10.00
Programmes	BScHons Chemistry
Prerequisites	No prerequisites.
Contact time	1 discussion class per week for 4 weeks, 6 lectures per week for 4 weeks
Language of tuition	Module is presented in English
Department	Chemistry
Period of presentation	Semester 1 or Semester 2

Module content

Selected aspects of: Mass spectometry: ion sources, analysers, detectors, isotope ratios, accurate mass, ion fragmentation, tandem mass spectrometry. Chromatography: theory and instrumentation of gas, liquid and supercritical fluid chromatography, multidimensional systems and coupling to mass spectrometry.

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