

University of Pretoria Yearbook 2016

Analytical chemistry A 706 (CMY 706)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	10.00
Programmes	BScHons Chemistry
Contact time	6 lectures per week for 4 weeks, 1 discussion class per week for 4 weeks
Language of tuition	English
Academic organisation	Chemistry
Period of presentation	Semester 1 or Semester 2

Module content

Selected aspects of: Mass spectrometry: 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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