

University of Pretoria Yearbook 2018

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 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.

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.