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# University of Pretoria Yearbook 2019

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## Analytical chemistry A 706 (CMY 706)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	10.00
<b>Programmes</b>	<a href="#">BScHons Chemistry</a>
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	6 lectures per week for 4 weeks, 1 discussion class per week for 4 weeks
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Chemistry
<b>Period of presentation</b>	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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