



# University of Pretoria Yearbook 2019

## Analytical chemistry 383 (CMY 383)

**Qualification** Undergraduate

**Faculty** [Faculty of Natural and Agricultural Sciences](#)

**Module credits** 18.00

**Programmes** [BSc Computer Science](#)  
[BSc Applied Mathematics](#)

[BSc Biochemistry](#)

[BSc Chemistry](#)

[BSc Environmental Sciences](#)

[BSc Geology](#)

[BSc Human Physiology](#)

[BSc Mathematics](#)

[BSc Physics](#)

**Service modules** Faculty of Education

**Prerequisites** CMY 282, CMY 283, CMY 284 and CMY 285

**Contact time** 2 practicals per week, 1 discussion class per week, 4 lectures per week

**Language of tuition** Module is presented in English

**Department** Chemistry

**Period of presentation** Quarter 1

### Module content

Theory: Separation methods: Extraction, multiple extraction, chromatographic systems. Spectroscopy: Construction of instruments, atomic absorption and atomic emission spectrometry, surface analysis techniques. Mass spectrometry. Instrumental electrochemistry.

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