



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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