



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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