

University of Pretoria Yearbook 2019

General chemistry 181 (CHM 181)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	16.00
Programmes	BEng Chemical Engineering BEng Chemical Engineering Engage
Service modules	Faculty of Engineering, Built Environment and Information Technology
Prerequisites	CHM 171
Contact time	1 discussion class per week, 4 lectures per week, 1 practical per week, 1 web-based period per week
Language of tuition	Module is presented in English
Department	Chemistry
Period of presentation	Semester 2

Module content

General physical-analytical chemistry: Physical behaviour of gases, liquids and solids, intermolecular forces, solutions, chemical equilibrium, acids and bases, buffers, precipitation. Organic chemistry: Structure (bonding) and functional groups, nomenclature, isomerism, introductory stereo-chemistry, introduction to chemical reactions and chemical properties of organic compounds.

Appropriate tutorial classes and practicals.

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