



University of Pretoria Yearbook 2016

Organic chemistry 384 (CMY 384)

Qualification Undergraduate

Faculty Faculty of Natural and Agricultural Sciences

Module credits 18.00

Programmes BSc(Computer Science) Computer Science

BSc Biochemistry

BSc Chemistry

BSc Environmental and Engineering Geology

BSc Environmental Sciences

BSc Genetics

BSc Geography

BSc Geoinformatics

BSc Geology

BSc Human Physiology

BSc Meteorology

BSc Microbiology

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 English

Academic organisation Chemistry

Period of presentation Quarter 3

Module content

Theory: NMR spectroscopy: applications. Aromatic chemistry, Synthetic methodology in organic chemistry. Carbon-carbon bond formation: alkylation at nucleophilic carbon sites, aldol and related condensations, Wittig and related reactions, acylation of carbanions (Claisen condensation).

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