



# University of Pretoria Yearbook 2019

## Organic chemistry 384 (CMY 384)

**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 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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