



University of Pretoria Yearbook 2019

Organic chemistry 384 (CMY 384)

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| 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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