



# University of Pretoria Yearbook 2016

## Organic chemistry 284 (CMY 284)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	Faculty of Natural and Agricultural Sciences
<b>Module credits</b>	12.00
<b>Programmes</b>	BEd Senior Phase and Further Education and Training Teaching 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
<b>Service modules</b>	Faculty of Education
<b>Prerequisites</b>	CMY 117 and CMY 127
<b>Contact time</b>	2 practicals per week, 4 lectures per week, 1 tutorial per week
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Chemistry
<b>Period of presentation</b>	Quarter 1

### Module content

Theory: Resonance, conjugation and aromaticity. Acidity and basicity. Introduction to  $^{13}\text{C}$  NMR spectroscopy. Electrophilic addition: alkenes. Nucleophilic substitution, elimination, addition: alkyl halides, alcohols, ethers, epoxides, carbonyl compounds: ketones, aldehydes, carboxylic acids and their derivatives.



The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.