



# University of Pretoria Yearbook 2021

## Physical chemistry 282 (CMY 282)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	Faculty of Natural and Agricultural Sciences
<b>Module credits</b>	12.00
<b>NQF Level</b>	06
<b>Programmes</b>	BEd Senior Phase and Further Education and Training Teaching BSc Computer Science BSc Applied Mathematics BSc Biochemistry BSc Chemistry BSc Engineering and Environmental Geology BSc Genetics BSc Geology BSc Human Physiology BSc Mathematics BSc Microbiology BSc Physics BSc Plant Science
<b>Service modules</b>	Faculty of Education
<b>Prerequisites</b>	CMY 117 and CMY 127
<b>Contact time</b>	1 tutorial per week, 2 practicals per week, 4 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Chemistry
<b>Period of presentation</b>	Quarter 2

### Module content

Theory: Classical chemical thermodynamics, gases, first and second law and applications, physical changes of pure materials and simple compounds. Phase rule: Chemical reactions, chemical kinetics, rates of reactions.

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