



# University of Pretoria Yearbook 2017

## Chemistry 143 (CMY 143)

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| <b>Qualification</b>          | Undergraduate   |
| <b>Faculty</b>                | <a href="#">Faculty of Natural and Agricultural Sciences</a>  |
| <b>Module credits</b>         | 8.00  |
| <b>Programmes</b>             | <a href="#">BEd Senior Phase and Further Education and Training Teaching</a><br><a href="#">BSc Extended programme - Biological and Agricultural Sciences</a><br><a href="#">BSc Extended programme - Mathematical Sciences</a><br><a href="#">BSc Extended programme - Physical Sciences</a> |
| <b>Service modules</b>        | Faculty of Engineering, Built Environment and Information Technology<br>Faculty of Education  |
| <b>Prerequisites</b>          | CMY 133   |
| <b>Contact time</b>           | 2 lectures per week, MAMELODI, 3 discussion classes per week, Foundation Course, Fortnightly practicals   |
| <b>Language of tuition</b>    | Separate classes for Afrikaans and English  |
| <b>Academic organisation</b>  | Chemistry   |
| <b>Period of presentation</b> | Semester 1  |

### Module content

Bonding and molecular geometry: VSEPR theory; bonding and organic compounds (structural formulas, classification and nomenclature); matter and its properties; mole concept; reaction stoichiometry; reactions in aqueous solutions: precipitation, acid base and redox.

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