



# University of Pretoria Yearbook 2021

## Science and world views 155 (FIL 155)

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| <b>Qualification</b>          | Undergraduate  |
| <b>Faculty</b>                | <a href="#">Faculty of Humanities</a>  |
| <b>Module credits</b>         | 6.00   |
| <b>NQF Level</b>              | 05   |
| <b>Programmes</b>             | <a href="#">BChD</a><br><a href="#">MBChB</a><br><a href="#">BSc extended programme - Biological and Agricultural Sciences</a><br><a href="#">BSc Medical Sciences</a> |
| <b>Service modules</b>        | Faculty of Health Sciences<br>Faculty of Natural and Agricultural Sciences   |
| <b>Prerequisites</b>          | No prerequisites.  |
| <b>Contact time</b>           | 1 lecture per week   |
| <b>Language of tuition</b>    | Module is presented in English   |
| <b>Department</b>             | Philosophy   |
| <b>Period of presentation</b> | Semester 1   |

### Module content

This is a broad introduction to the philosophy and history of science. Examples of themes and historical periods which are covered include: world views in ancient Greece; Socrates; Plato – the founder of Western thought; Aristotle – the foundation of a new tradition; Leonardo da Vinci; the foundation of modern science; the wonder years of the seventeenth century – the flourishing of the sciences and philosophy; the rising of mechanization; a drastic turn in man's vision – the rise of psychology; how the theory of relativity changed our view of the cosmos; quantum theory and its implications for the modern world view; the biological sciences and the secrets of life; the rise and role of psychology; the neuro-sciences; the place, role and benefit of philosophical thought in the sciences.

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