

# University of Pretoria Yearbook 2016

## Science and world views 155 (FIL 155)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Humanities</a>
<b>Module credits</b>	6.00
<b>Programmes</b>	<a href="#">BChD Dentistry</a> <a href="#">MBChB Medicine</a> <a href="#">BSc Extended programme - Biological and Agricultural Sciences</a> <a href="#">BSc Medical Sciences</a> <a href="#">BSc Physics</a>
<b>Service modules</b>	Faculty of Health Sciences Faculty of Natural and Agricultural Sciences
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	1 lecture per week
<b>Language of tuition</b>	English
<b>Academic organisation</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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