

## DEGREE OF MASTER OF ARTS IN PHILOSOPHY – PHYSICS (01VF7370)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Master of Arts

**All the courses listed below are prescribed for this degree**

PROGRAMME YEAR 1 – 120 Credit Points					
First Half Session			Second Half Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
AW 1007	Academic Writing for Divinity, History & Philosophy	0			
PD 1001	Professional Skills Part 1	0			
PX 1015	The Physical Universe – A	15	PX 1513	The Physical Universe – B	15
PH 1023	Experience Knowledge and Reality	15			
MA 1005	Calculus 1	15	MA 1508	Calculus II	15
MA 1006	Algebra	15			
Plus at least another 15 credit points from level 1 Philosophy courses. Plus further courses of choice to make up 120 credit points					

PROGRAMME YEAR 2 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
PX 2015	Dynamical Phenomena	15	PX 2510	Relativity and Quantum Mechanics	15
PH201B	What We Are: Mind in a Physical World	15	PH2535	Gender Equality	15
			PH2538	Metaphysics, Epistemology & Language	15
Plus 45 credit points from courses of choice, <b>which must include one 15 credit second year Mathematics course</b>					

PROGRAMME YEAR 3 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
PX 3014	Energy and Matter	15	PX 3511	Quantum Mechanics	15
<b>EITHER:</b> PX 3016	Introduction to the Solid State	15	<b>EITHER:</b> PX 3510	Advanced Practical Physics	15
<b>OR:</b> PX 3017	Research and Computing Skills	15	<b>OR:</b> PX 3512	Electricity and Magnetism	15
Plus 60 credit points from level 3 Philosophy courses.					

PROGRAMME YEAR 4 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
PX 4011	Project A				30
<b>EITHER:</b> PX 4007	Case Studies in Physics		<b>EITHER:</b> PX 4510 #	Structure of Matter and the Universe	15
<b>OR:</b> PX 4012	Statistical Physics and Stochastic Systems	15	<b>OR:</b> PX 4516 #	Nuclear and Semiconductor Physics	15
		15	<b>OR:</b> PX 4517	Analytical Mechanics and Elements of General Relativity	15
# This course alternates on a 2 year cycle. PX 4510 will run in 2017-2018. Plus 60 credit points of level 3 and 4 Philosophy courses. At least 90 credits should be taken at level 4.					

Notes	
2.	Candidates seeking entry to the Junior Honours programme must have accumulated, by award or recognition, or been exempted from, at least 240 credit points at levels 1 and 2, including the prescribed courses required to enter programme year 3.

