

## 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
PH 201B	What We Are: Mind in a Physical World	15	PH 2535	Gender Equality	15
			PH 2540	Metaphysics and Epistemology	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	s15
<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 4013	Project				45
Choose one course from the following:					
PX 4007	Case Studies in Physics	15	PX 4510 #	Structure of Matter and the Universe	15
PX 4012	Statistical Physics and Stochastic Systems	15	PX 4516 #	Nuclear and Semiconductor Physics	15
# This course alternates on a 2 year cycle. PX 4510 will run in 2019-2020.					
Plus 60 credit points of level 4 Philosophy courses.					

Notes	
1.	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.