

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	PH 1523	Experience, Knowledge and Reality	15
PD 1002	Getting started at the University of Aberdeen	0			
PX 1015	The Physical Universe – A	15	PX 1513	The Physical Universe – B	15
MA 1005	Calculus 1	15			
MA 1006	Algebra	15	MA 1508	Calculus II	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
Plus further courses of choice which must include 45 credits of level 2 Philosophy courses and one 15 credit level 2 Mathematics course					

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
EITHER: PX 3016 OR: PX 3020	Introduction to the Solid State	15	EITHER: PX 3510 OR: PX 3512	Advanced Practical Physics	15
	Mathematical Methods in Physics	15		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	EITHER PX 4510	*Structure of Matter and The Universe	15
PX 4012	Statistical Physics and Stochastic Systems	15	OR PX 4516	*Nuclear and Semiconductor Physics	15
* This course alternates on a 2-year cycle. PX 4516 will run in 2022-2023. 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.