DEGREE OF BACHELOR OF SCIENCE IN PHYSICS (04F30070)

DESIGNATED DEGREE OF BACHELOR OF SCIENCE IN PHYSICS (04F30089)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Bachelor of Science

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**
PD 1001	Professional Skills Part 1	0			
PX 1015	The Physical Universe A	15	PX 1513	The Physical Universe B	15
MA 1005	Calculus I	15	MA 1508	Calculus II	15
MA 1006	Algebra	15			
Plus 45 credit points from courses of choice.					

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 2013	Light Science	15	PX 2505	Practical Optics And Electronics	15
PX 2015	Dynamical Phenomena	15	PX 2510	Relativity And Quantum Mechanics	15
Plus one 15 credit MA2 course Plus 45 credit points from courses of choice.					

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 3510	Advanced Practical Physics	15
PX 3016	Introduction to The Solid State	15	PX 3511	Quantum Mechanics	15
PX 3017	Research and Computing Skills in Physics	15	PX 3512	Electricity and Magnetism	15
			EITHER PX 4510 ***OR*** PX 4516	*Structure Of Matter And The Universe *Nuclear and Semiconductor Physics	15 15
Plus 15 credit points from courses of choice. * These courses alternate on a two year cycle. PX4510 will run in 2017-2018.					

PLEASE SEE OVER →

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
PX 4007	Case Studies In Physical Sciences	15	Plus 30 credit points from the below:		
PX 4012	Statistical Physics and Stochastic Systems	15	***EITHER*** PX 4510 ***OR*** PX 4516	*Structure Of Matter and The Universe *Nuclear and Semiconductor Physics	15
			PX 4514	Modelling Theory	15
			PX 4517	Analytical Mechanics and Elements of General Relativity	15
* These courses alternate on a two year cycle. PX4510 will run in 2017-2018. Plus 30 credit points, including 15 from Level 4 courses within your discipline and a further 15 from courses of choice. **A graduating curriculum for the Honours programme must include 90 credit points from Level 4 courses.**					

Notes	
1.	Designated Programme: See Supplementary Regulation 1
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 those compulsory courses required to enter programme year 3.