DEGREE OF BACHELOR OF SCIENCE IN PHYSICAL SCIENCES (04F30270)

DESIGNATED DEGREE OF BACHELOR OF SCIENCE IN PHYSICAL SCIENCES (04F30289)

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			
EITHER PX 1015	The Physical Universe A	15	***EITHER*** PX 1513	The Physical Universe B	15
OR PX 1016	Understanding the Physical World	15	***OR*** PX 1514	Astronomy and Meteorology	15

Plus 30 further credit points from courses in Physical Sciences at Level 1 (see Note 1)
Plus 60 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 & Electronics	15
		OR			
PX 2015	Dynamical Phenomena	15	PX 2510	Relativity and Quantum Mechanics	15

Plus 30 further credit points from courses in Physical Sciences at Level 1 or 2 (see Note 1).
Plus 60 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**
30 credit points from the courses listed below in each half-session:					
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
			PX 4510 OR PX 4516	*Structure Of Matter And The Universe *Nuclear and Semiconductor Physics	15 15

Plus 30 further credit points from courses in Physical Sciences at Level 3 (see Note 1).
Plus 30 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	PX 4510 ***OR*** PX 4516	*Structure Of Matter And The Universe *Nuclear and Semiconductor Physics	15 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 15 further credit points from courses in Physical Sciences at Level 3 or 4 (see Note 1) Plus 15 credit points from courses of choice. **A graduating curriculum for the Honours programme must include 90 credit points from Level 4 courses.**					

Notes	
1.	For the purposes of this degree, the Physical Science Group of courses consists of all courses with codes PX, PC, CM, CS, EG, ES, GL, MA, MX, ST and SS, plus GG 2510 and GG 3069.
3.	Designated Programme: See Supplementary Regulation 1
4.	Students making choices from the selections at Levels 2 and above must have obtained the course pre-requisites.
5.	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.