

Module Code	Module Title	Ass. type	Ass. Weighting	Number of NTU credits	Campus	Associated courses
PHYS/22111	The Quantum World	ASS	40	20	Clifton	PHYS003, PHYS024, PHYS025
		EXM	60			
PHYS/22124	Fundamental Forces	CWK	40	20	Clifton	PHYS003, PHYS024, PHYS025
		EXM	60			
PHYS/22213	Ionising Radiation & NI Image	EXM	50	20	Clifton	PHYS003, PHYS024, PHYS025, PHYS032
		LAB	50			
PHYS/22223	Optics & Semiconductors	EXM	50	20	Clifton	PHYS003, PHYS025, PHYS032
		LAB	50			
PHYS/22234	Thermal & Environ Physics	LAB	40	20	Clifton	PHYS003, PHYS024, PHYS025, PHYS032
		POR	60			
PHYS/22252	Nuclear Materials Science	EXM	50	20	Clifton	PHYS024, PHYS032
		POR	50			
PHYS/22323	Stars & Galaxies	EXM	50	20	Clifton	PHYS025
		LAB	50			
PHYS/22514	Digital Techniques	LAB	50	20	Clifton	PHYS003, PHYS024, PHYS025, PHYS032
		POR	50			
PHYS/22712	Forensic Audio	EXM	50	20	Clifton	PHYS026
		LAB	50			
PHYS/32133	Condensed Matter	EXM	100	20	Clifton	PHYS003, PHYS024, PHYS025
PHYS/32172	Phys & Tech of Nuclear React	EXM	100	20	Clifton	PHYS003, PHYS024, PHYS032
PHYS/32181	General Relativity	CLT	35	20	Clifton	PHYS003, PHYS025
		EXM	65			
PHYS/32191	Advanced Quantum Mechanics and Quantum Computing	EXM	50	20	Clifton	PHYS003, PHYS025
		EXM	50			
PHYS/32222	Adv Experimental Techniques	CWK	60	20	Clifton	PHYS003, PHYS024, PHYS025, PHYS032
		LAB	40			
PHYS/32312	Cosmology: Theory & Observ	EXM	60	20	Clifton	PHYS003, PHYS025
		LAB	40			
PHYS/32512	Lab Interfaces & Control	LAB	100	20	Clifton	PHYS003, PHYS024, PHYS032
PHYS/32712	Ballistics & Firearms	EXM	60	20	Clifton	PHYS026
		LAB	40			
PHYS/32723	Biometrics & ForensicDatabases	EXM	60	20	Clifton	PHYS026
		POR	40			

PHYS/34622	Project & Professional Skills	PJT	85	40	Clifton	PHYS003, PHYS024, PHYS025, PHYS026, PHYS032
		POR	15			

Modules must be chosen from ONE course and ONE year only. Module codes starting with 2 are from year 2 (e.g. BIOL22391) and those starting with 3 are year 3 modules.

**Assessment types:**

ASS – Assessment; CLT – Class test; CST – Case study; CWK – Coursework; DIS – Dissertation

ESY – Essay; EXM – Exam; GAS – Group assessment; INT – Interview; LAB – Laboratory

OPR – Oral presentation; PHT – Phase test; PJT – Project; POR – Portfolio

PRC – Practical test; PRS – Presentation; REP – Report