

Module Code	Module Title	Ass. type	Ass. Weighting	Number of NTU credits	Campus	Associated courses	Term
MATH/20301	Linear Algebra & Applications	EXM	60	20	Clifton	MATH003, MATH024	Year long
		PHT	40				
MATH/20441	Numerical Methods for ODEs	GAS	40	20	Clifton	MATH003, MATH015, MATH020	Year long
		PHT	60				
MATH/20451	Differential Eqns & Transforms	EXM	50	20	Clifton	MATH003, MATH015, MATH020	Year long
		PHT	50				
MATH/20461	Probability & Stat Inference	CWK	50	20	Clifton	MATH003, MATH015, MATH020	Year long
		PHT	50				
MATH/20471	Advanced Calculus	EXM	50	20	Clifton	MATH003, MATH020	Year long
		PHT	50				
MATH/20481	Problem Solving	ASS	50	20	Clifton	MATH003, MATH015, MATH024	Year long
		CWK	50				
MATH/20493	Intro to Financial Mathematics	EXM	60	20	Clifton	MATH015	Year long
		PHT	40				
MATH/20501	Math Modelling & Qual Control	EXM	50	20	Clifton	MATH015	Year long
		PHT	50				
MATH/28011	Numerical Methods for ODEs	PHT	100	20	Clifton	Exchange	First half year
MATH/28021	Differential Eqns & Transforms	PHT	100	20	Clifton	Exchange	First half year
MATH/28031	Probability & Stat Inference	PHT	100	20	Clifton	Exchange	First half year
MATH/28061	Intro to Financial Maths	PHT	100	20	Clifton	Exchange	First half year
MATH/28081	Math Modelling for Business	EXM	100	20	Clifton	Exchange	First half year
MATH/30261	Differential & Integ Equations	EXM	70	20	Clifton	MATH003, MATH020	Year long
		PHT	30		Clifton		
MATH/30301	Applied Statistics	EXM	50	20	Clifton	MATH003, MATH015	Year long
		PHT	50		Clifton		
MATH/30323	Project	DIS	70	20	Clifton	MATH003, MATH015, MATH020, MATH024	Year long
		PRS	30		Clifton		
MATH/30411	Num Analysis & Dynamic Systems	ASS	50	20	Clifton	MATH003, MATH015, MATH020	Year long
		EXM	50		Clifton		

MATH/30421	Stochastic Processes	EXM	70	20	Clifton	MATH003, MATH015, MATH020	Year long
		PHT	30		Clifton		
MATH/30431	Financial & Insurance Maths	EXM	60	20	Clifton	MATH015	Year long
		PHT	40		Clifton		
MATH/30451	Linear Systems	ASS	40	20	Clifton	MATH003, MATH015, MATH020	Year long
		EXM	60		Clifton		
MATH/30461	Topics in Applied Mathematics	CWK	50	20	Clifton	MATH003, MATH020	Year long
		EXM	50		Clifton		
MATH/30471	Statistical Modelling	ASS	50	20	Clifton	MATH003, MATH015	Year long
		PJT	50		Clifton		
MATH/30481	Topics in Pure Mathematics	EXM	50	20	Clifton	MATH003	Year long
		PHT	50		Clifton		
MATH/34021	Coding Theory & Cryptography	EXM	50	20	Clifton	MATH003	Year long
		PHT	50		Clifton		
MATH/34041	Topics in Mathematical Biology	EXM	50	20	Clifton	MATH003	Year long
		PHT	50		Clifton		

Modules for Joint Honours courses

COMP/20081	Systems Software	CWK	50	20	Clifton	MATH007	Year long
		EXM	50				
COMP/20091	Applied Maths & Graphics	CWK	50	20	Clifton	MATH007	Year long
		EXM	50				
SOFT/20091	Sw Design & Implementation	CWK	100		Clifton	MATH007	Year long
COMP/30151	Project	PJT	90	40	Clifton	MATH007	Year long
		REP	10				
COMP/30181	Graphics for Games & Dyn Mod	CWK	50	20	Clifton	MATH007	Year long
		EXM	50				
ISYS/30271	Business Analysis	CWK	50	20	Clifton	MATH007	Year long
		EXM	50				
ISYS/30371	Interaction Design & Pjt Mgt	CWK	50	20	Clifton	MATH007	Year long
		EXM	50				
SOFT/30121	Adv Analysis & Design	POR	100	20	Clifton	MATH007	Year long

SOFT/30161	Advanced Software Engineering	CWK	60	20	Clifton	MATH007	Year long
		POR	40				
PHYS/22111	The Quantum World	ASS	40	20	Clifton	MATH020	Year long
		EXM	60				
PHYS/22124	Fundamental Forces	CWK	40	20	Clifton	MATH020	Year long
		EXM	60				
PHYS/22234	Thermal & Environ Physics	LAB	40	20	Clifton	MATH020	Year long
		POR	60				
PHYS/32133	Condensed Matter	EXM	100		Clifton	MATH020	Year long
PHYS/32181	General Relativity	CLT	35	20	Clifton	MATH020	Year long
		EXM	65				
PHYS/32191	Advanced Quantum Mechanics and Quantum Computing	EXM	50	20	Clifton	MATH020	Year long
		EXM	50				
PHYS/32222	Adv Experimental Techniques	CWK	60	20	Clifton	MATH020	Year long
		LAB	40				
PHYS/34622	Project & Professional Skills	PJT	85	40	Clifton	MATH020	Year long
		POR	15				
SPOR/20022	Applied Sport & Ex. Physiology	EXM	50	20	Clifton	IDSS005	Year long
		REP	50				
SPOR/20032	Prac App in Sport Psychology	ASS	60	20	Clifton	IDSS005	Year long
		PRS	40				
SPOR/20042	Experimental Biomechanics	PRC	50	20	Clifton	IDSS005	Year long
		REP	50				
SPOR/30012	Sport Project and Dissertation	PJT	80	40	Clifton	IDSS005	Year long
		PRS	20				
SPOR/30022	Strngth Pwr& Endrnce fr Spr&Ex	EXM	60	20	Clifton	IDSS005	Year long
		REP	40				
SPOR/30032	Adv Topics in Sport & Ex Psych	ASS	50	20	Clifton	IDSS005	Year long
		CRT	50				
SPOR/30042	Applied Biomechanics	CWK	50	20	Clifton	IDSS005	Year long
		REP	50				
SPOR/30152	Exrcise Test& Pres for Health	CLT	40	20	Clifton	IDSS005	Year long
		EXM	60				

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