

Year 1 and 2 structure of FG31, FGH1, F344

YEAR 1

Module		Credits	Semester
MATH101	Calculus I	15	1
MATH103	Introduction to Linear Algebra	15	1
PHYS102	The Material Universe	15	1
PHYS156	Practical Skills for Mathematical Physics I	15	1 & 2
MATH102	Calculus II	15	2
MATH122	Dynamic Modelling	15	2
PHYS103	Wave Phenomena	15	2
PHYS104	Foundations of Modern Physics	15	2
Total Credits		120	

YEAR 2

Module		Credits	Semester
MATH225	Vector Calculus with Applications in Fluid Mechanics	15	1
MATH243	Complex Functions	15	1
PHYS201	Electromagnetism	15	1
PHYS202	Condensed Matter Physics	15	1
MATH224	Introduction to the Methods of Applied Maths	15	2
MATH228	Classical Mechanics	15	2
PHYS203	Quantum and Atomic Physics	15	2
PHYS204	Nuclear and Particle Physics	15	2
Total Credits		120	