

Semester 2 Mathematics, Physics and Electrical Engineering Modules for 2021/2022

Subject area	Module Code	Module Name	Level	UK Credits	ECTS
Maths	KC5000	Further computational mathematics	5	20	10
Maths	KL5005	Statistical modelling and data visualisation	5	20	10
Maths	KC5009	Vector calculus and further dynamics	5	20	10
Maths	KC6001	Financial Mathematics	6	20	10
Maths	KC6027	Fluid Dynamics	6	20	10
Maths	KC6028	Dynamical Systems	6	20	10
Maths	KC6030	Medical Statistics	6	20	10
Physics	KC5029	Space-time and Electromagnetism	5	20	10
Physics	KD5082	Quantum Universe	5	20	10
Physics	KD5084	Thermal and Nuclear Energy	5	20	10
Physics	KC6032	Cosmology and Stellar Evolution	6	20	10
Physics	KD6031	Instrumentation and Control of Dynamical Systems	6	20	10
Physics	KC6027	Fluid Dynamics	6	20	10
Physics	KC6028	Dynamical Systems	6	20	10
Physics	KD6030	Optical Communication and System Design	6	20	10
Electrical Engineering	KD5064	Analog and Instrumentation	5	20	10
Electrical Engineering	KD5067	Power, Machines and Renewable Energy	5	20	10
Electrical Engineering	KD6028	Digital Systems Design and Implementation	6	20	10
Electrical Engineering	KD6030	Optical Communications	6	20	10
Electrical Engineering	KD6031	Instrumentation and Control of Dynamical Systems	6	20	10