Semester 2 Mathematics, Physics and Electrical Engineering Modules for 2022/2023

Subject Area	Module and Code	Level	UK Credits	ECTS
Electrical Engineering	KD5067 Power, Machines and Renewable Energy	5	20	10
Electrical Engineering	KD5064 Analog and Instrumentation	5	20	10
Electrical Engineering	KD6025 Design and Manufacture Analysis	6	20	10
Electrical Engineering	KD6028 Digital System Design and Implementation	6	20	10
Electrical Engineering	KD6030 Optical Communication and System Design	6	20	10
Electrical Engineering	KD6031 Instrumentation and Control of Dynamical Systems	6	20	10
Maths	KC5000 - Further Computational Mathematics	5	20	10
Maths	KC5009 - Vector Calculus and further dynamics	5	20	10
Maths	KC6001 - Financial Mathematics	6	20	10
Maths	KC6030 - Medical Statistics	6	20	10
Maths	KC6027 - Fluid Dynamics	6	20	10
Maths	KC6028 - Dynamical Systems	6	20	10
Physics and Physics with Astrophysics	KC5029 Space-time and Electromagnetism	5	20	10
Physics and Physics with Astrophysics	KD5082 Quantum Universe	5	20	10
Physics and Physics with Astrophysics	KD5084 Thermal and Nuclear Energy	5	20	10
Physics and Physics with Astrophysics	KC6032 Cosmology and Stellar Evolution	6	20	10
Physics and Physics with Astrophysics	KD6031 Instrumentation and Control of Dynamical Systems	6	20	10
Physics and Physics with Astrophysics	KC6027 Fluid Dynamics	6	20	10
Physics and Physics with Astrophysics	KC6028 Dynamical Systems	6	20	10
Physics and Physics with Astrophysics	KD6030 Optical Communication and System Design	6	20	10
Physics and Physics with Astrophysics	KL6003 Quantum and Molecular Photonics	6	20	10