**Physics Department**

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| [PHY3051](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3051.html) | Electromagnetism II |
| [PHY3052](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3052.html) | Nuclear and High-Energy Particle Physics |
| [PHY3061](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3061.html) | The Biophysics of Cells and Tissues |
| [PHY3062](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3062.html) | Methods of Theoretical Physics |
| [PHY3063](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3063.html) | Stars |
| [PHY3064](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3064.html) | Nanostructures and Graphene Science |
| [PHY3065](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3065.html) | Quantum Optics and Photonics |
| [PHY3066](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3066.html) | Galaxies and High Energy Astrophysics |
| [PHY3067](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3067.html) | Energy and the Environment |
| [PHY3068](http://newton.ex.ac.uk/handbook/PHY/modules/PHY3068.html) | Principles of Theoretical Physics |
| [PHYM001](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM001.html) | Statistical Physics |
| [PHYM002](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM002.html) | Quantum Mechanics II |
| [PHYM003](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM003.html) | Condensed Matter II |
| [PHYM004](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM004.html) | Computational Physics and Modelling |
| [PHYM006](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM006.html) | Relativity and Cosmology |
| [PHYM007](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM007.html) | Ultrafast Physics |
| [PHYM008](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM008.html) | Physical Methods in Biology and Medicine |
| [PHYM012](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM012.html) | Solar and Extra-Solar Planets and Their Atmospheres |
| [PHYM013](http://newton.ex.ac.uk/handbook/PHY/modules/PHYM013.html) | Quantum Many-Body Theory |

**Engineering Department**

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| [ECM3150](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3150) | Electromagnetics and Wave Propagation |
| [ECM3151](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3151) | Thermofluids and Energy Conversion |
| [ECM3152](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3152) | Computational Engineering |
| [ECM3153](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3153) | Management of Product Development |
| [ECM3154](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3154) | Manufacturing |
| [ECM3155](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3155) | Structural Engineering |
| [ECM3156](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3156) | Civil Engineering Hydraulics |
| [ECM3159](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3159) | Management of Processes and People |
| [ECM3160](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3160) | Materials |
| [ECM3164](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3164) | Operations Management |
| [ECM3165](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3165) | Digital Signal Processing |
| [ECM3166](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3166) | Communications Engineering |
| [ECM3171](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECM3171) | Computer Aided Engineering Drawing |
| [ECMM103](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM103) | Computer Aided Engineering Design |
| [ECMM104](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM104) | Signal Analysis and Image Processing |
| [ECMM105](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM105) | New Developments in Materials Engineering |
| [ECMM107](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM107) | Mechanics of Materials |
| [ECMM111](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM111) | Operational Research and Industrial Systems Modelling |
| [ECMM127](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM127) | Advanced Materials Engineering |
| [ECMM128](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM128) | Management Concepts |
| [ECMM135](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM135) | Numerical Methods |
| [ECMM136](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM136) | Systems Analysis in Engineering |
| [ECMM140](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM140) | Vibration Engineering |
| [ECMM141](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM141) | Multivariable State-Space Control |
| [ECMM142](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM142) | Contemporary Advanced Materials Research |
| [ECMM143](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM143) | Software Programming |
| [ECMM144](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM144) | Environmental and Computational Hydraulics |
| [ECMM145](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM145) | Computational Hydrology |
| [ECMM147](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM147) | Mechatronics: Sensors and Machine Automation |
| [ECMM148](https://intranet.exeter.ac.uk/emps/subjects/engineering/modules/2015/ECMM148) | Advanced CFD |

**Mathematics Department**

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| [ECM3703](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3703) | Complex Analysis |
| [ECM3707](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3707) | Fluid Dynamics |
| [ECM3708](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3708) | Partial Differential Equations |
| [ECM3711](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3711) | Nonlinear Systems and Control |
| [ECM3712](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3712) | Advanced Statistical Modelling |
| [ECM3721](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3721) | Combinatorics |
| [ECM3722](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3722) | Graphs, Networks and Algorithms |
| [ECM3724](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3724) | Stochastic Processes |
| [ECM3726](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3726) | Cryptography |
| [ECM3728](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3728) | Statistical Inference |
| [ECM3732](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3732) | Applications of Geometry and Topology |
| [ECM3739](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3739) | Computational Nonlinear Dynamics |
| [ECM3740](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECM3740) | Topology and Metric Spaces |
| [ECMM712](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECMM712) | Computation and Numerical Analysis |
| [ECMM718](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECMM718) | Dynamical Systems and Chaos |
| [ECMM730](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECMM730) | Waves, Instabilities and Turbulence |
| [ECMM731](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECMM731) | Magnetic Fields and Fluid Flows |
| [ECMM737](https://intranet.exeter.ac.uk/emps/subjects/mathematics/modules/2015/ECMM737) | Introduction to C++ |

**Computer Science Department**

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| [ECM3422](https://intranet.exeter.ac.uk/emps/subjects/computerscience/modules/2015/ECM3422) | Computability and Complexity |
| [ECM3423](https://intranet.exeter.ac.uk/emps/subjects/computerscience/modules/2015/ECM3423) | Computer Graphics |
| [ECM3424](https://intranet.exeter.ac.uk/emps/subjects/computerscience/modules/2015/ECM3424) | Mobile and Ubiquitous Computing |
| [ECM3426](https://intranet.exeter.ac.uk/emps/subjects/computerscience/modules/2015/ECM3426) | High-performance Computing and Distributed Systems |
| [ECMM403](https://intranet.exeter.ac.uk/emps/subjects/computerscience/modules/2015/ECMM403) | Intelligent Image Understanding |
| [ECMM420](https://intranet.exeter.ac.uk/emps/subjects/computerscience/modules/2015/ECMM420) | Networks, Data and Information |
| [ECMM422](https://intranet.exeter.ac.uk/emps/subjects/computerscience/modules/2015/ECMM422) | Machine Learning |
| [ECMM423](https://intranet.exeter.ac.uk/emps/subjects/computerscience/modules/2015/ECMM423) | Evolutionary Computation & Optimisation |