

GL11 BSc Economics and Mathematics, NG41 BSc Accounting and Mathematics

Semester 1 2018/19

Applied Mathematics Pathway

Set 121

MAS3801	Methods for Differential Equations	10
MAS3802	Quantum Mechanics	10

Set 122

MAS3801	Methods for Differential Equations	10
MAS3803‡	Advanced Fluid Dynamics	10

Set 123

MAS3801	Methods for Differential Equations	10
MAS3804	Relativity and Cosmology	10

Set 125

MAS3903	Linear Models	10
MAS3902	Bayesian Inference	10

Statistics Pathway

Set 124

MAS3903	Linear Models	10
MAS3901	Applied Probability	10

Set 126

MAS3903	Linear Models	10
MAS3904	Stochastic Financial Modelling	10

Note:

‡ The module MAS3801 is a co-requisite.

Semester 2 2018/19

Applied Mathematics Pathway

Set 131

MAS2902	Stochastic Modelling	10
MAS2903	An Introduction to Bayesian Methods	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10

Set 133

MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3808#	Instabilities	10

Statistics Pathway

Set 135

MAS2802	Differential Equations, Transforms and Waves	10
MAS2803	Fluid Dynamics	10
MAS3908*	Experimental Design	10

Set 137

MAS3908*	Experimental Design	10
MAS3910£	Discrete Stochastic Modelling	10
MAS3912*	Survival Analysis	10

Set 132

MAS2902	Stochastic Modelling	10
MAS2903	An Introduction to Bayesian Methods	10
MAS3809	Variational Methods	10

Set 134

MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3809	Variational Methods	10

Set 136

MAS2802	Differential Equations, Transforms and Waves	10
MAS2803	Fluid Dynamics	10
MAS3912*	Survival Analysis	10

Set 138

MAS3906€	Generalized Linear Models	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Notes:

‡ The Semester 1 module MAS3801 is a co-requisite.

The Semester 1 modules MAS3801 and MAS3803 are co-requisites.

* The Semester 1 module MAS3903 is a co-requisite.

£ The Semester 1 modules MAS3901 and MAS3902 are co-requisites.

€ The Semester 1 module MAS3903 is a co-requisite, and in addition MAS3905 is a co-requisite that is desirable rather than essential.

When a module is labelled as a desirable (but not essential) co-requisite, it means that some of the module material might be more challenging to students who have not taken the co-requisite module. Therefore students are recommended not to take a module without taking the desirable co-requisite unless they feel comfortable in the subject area.

Note that students on the Statistics pathway may normally switch modules in September to include MAS3905, provided it fits with their timetable.