

**G100 BSc Mathematics, GG13 BSC Mathematics & Statistics, G300 BSc Statistics,
G103 MMath Mathematics, GGC3 MMathStat Mathematics & Statistics**

Semester 2 2018/19

Mostly Pure Mathematics

Set 31

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3708†	Graphs and symmetry	10
MAS3709†	Representation theory	10
MAS3809	Variational Methods	10

Set 33

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3708†	Graphs and symmetry	10
MAS3805‡	Classical Fields	10
MAS3807	Computational Modelling	10

Set 35

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3708†	Graphs and symmetry	10
MAS3906€	Generalized Linear Models	10
MAS3910£	Discrete Stochastic Modelling	10

Set 32

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3708†	Graphs and symmetry	10
MAS3709†	Representation theory	10
MAS3908*	Experimental Design	10

Set 34

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3709†	Representation theory	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3809	Variational Methods	10

Set 36

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3709†	Representation theory	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Mostly Applied Mathematics

Set 37

MAS3706	Topology	10
MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3807	Computational Modelling	10
MAS3808#	Instabilities	10
MAS3809	Variational Methods	10

Set 39

MAS3707	Number Theory and Cryptography	20
MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3808#	Instabilities	10
MAS3809	Variational Methods	10

Set 41

MAS3706	Topology	10
MAS3709†	Representation theory	10
MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3808#	Instabilities	10
MAS3809	Variational Methods	10

Set 43

MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3807	Computational Modelling	10
MAS3808#	Instabilities	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Set 38

MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3807	Computational Modelling	10
MAS3808#	Instabilities	10
MAS3809	Variational Methods	10
MAS3906€	Generalized Linear Models	10

Set 40

MAS3706	Topology	10
MAS3708†	Graphs and symmetry	10
MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3807	Computational Modelling	10
MAS3809	Variational Methods	10

Set 42

MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3807	Computational Modelling	10
MAS3809	Variational Methods	10
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10

Mostly Statistics

Set 44

MAS3706	Topology	10
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10
MAS3908*	Experimental Design	10
MAS3910£	Discrete Stochastic Modelling	10
MAS3912*	Survival Analysis	10

Set 46

MAS3707	Number Theory and Cryptography	20
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Set 48

MAS3706	Topology	10
MAS3708†	Graphs and symmetry	10
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Set 50

MAS3805‡	Classical Fields	10
MAS3807	Computational Modelling	10
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Set 45

MAS3809	Variational Methods	10
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10
MAS3908*	Experimental Design	10
MAS3910£	Discrete Stochastic Modelling	10
MAS3912*	Survival Analysis	10

Set 47

MAS3706	Topology	10
MAS3709†	Representation theory	10
MAS3906€	Generalized Linear Models	10
MAS3908*	Experimental Design	10
MAS3910£	Discrete Stochastic Modelling	10
MAS3912*	Survival Analysis	10

Set 49

MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3809	Variational Methods	10
MAS3906€	Generalized Linear Models	10
MAS3908*	Experimental Design	10
MAS3910£	Discrete Stochastic Modelling	10
MAS3912*	Survival Analysis	10

Pure and Applied

Set 51

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3809	Variational Methods	10

Set 52

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3805‡	Classical Fields	10
MAS3807	Computational Modelling	10
MAS3808#	Instabilities	10

Pure and Statistics

Set 53

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10
MAS3910£	Discrete Stochastic Modelling	10

Set 54

MAS3706	Topology	10
MAS3707	Number Theory and Cryptography	20
MAS3906€	Generalized Linear Models	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Applied and Statistics

Set 55

MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3809	Variational Methods	10
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10
MAS3910£	Discrete Stochastic Modelling	10

Set 56

MAS3805‡	Classical Fields	10
MAS3807	Computational Modelling	10
MAS3808#	Instabilities	10
MAS3906€	Generalized Linear Models	10
MAS3907€	Big Data Analytics	10
MAS3910£	Discrete Stochastic Modelling	10

Set 57

MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3809	Variational Methods	10
MAS3906€	Generalized Linear Models	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Set 58

MAS3805‡	Classical Fields	10
MAS3807	Computational Modelling	10
MAS3808#	Instabilities	10
MAS3906€	Generalized Linear Models	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Combined Pure, Applied and Statistics**Set 59**

MAS3707	Number Theory and Cryptography	20
MAS3805‡	Classical Fields	10
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3906€	Generalized Linear Models	10
MAS3910£	Discrete Stochastic Modelling	10

Set 60

MAS3707	Number Theory and Cryptography	20
MAS3806	Partial Differential Equations and Nonlinear Waves	10
MAS3809	Variational Methods	10
MAS3908*	Experimental Design	10
MAS3912*	Survival Analysis	10

Notes:

† The Semester 1 module MAS3701 is a co-requisite.

‡ 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.