

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

Semester 1 2018/19

Mostly Pure Mathematics

Set 1

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3703	Geometries and designs	10
MAS3704	Coding Theory	10
MAS3705	Matrix analysis	10
MAS3801	Methods for Differential Equations	10

Set 2

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3703	Geometries and designs	10
MAS3704	Coding Theory	10
MAS3705	Matrix analysis	10
MAS3903	Linear Models	10

Set 3

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3704	Coding Theory	10
MAS3705	Matrix analysis	10
MAS3801	Methods for Differential Equations	10
MAS3803‡	Advanced Fluid Dynamics	10

Set 4

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3703	Geometries and designs	10
MAS3705	Matrix analysis	10
MAS3901	Applied Probability	10
MAS3903	Linear Models	10

Mostly Applied Mathematics

Set 5

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3801	Methods for Differential Equations	10
MAS3802	Quantum Mechanics	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3804	Relativity and Cosmology	10

Set 6

MAS3703	Geometries and designs	10
MAS3704	Coding Theory	10
MAS3801	Methods for Differential Equations	10
MAS3802	Quantum Mechanics	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3804	Relativity and Cosmology	10

Set 7

MAS3801	Methods for Differential Equations	10
MAS3802	Quantum Mechanics	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3804	Relativity and Cosmology	10
MAS3905	Statistical Inference	10
MAS3903	Linear Models	10

Set 8

MAS3801	Methods for Differential Equations	10
MAS3802	Quantum Mechanics	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3804	Relativity and Cosmology	10
MAS3901	Applied Probability	10
MAS3904	Stochastic Financial Modelling	10

Mostly Statistics**Set 9**

MAS3703	Geometries and designs	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10
MAS3904	Stochastic Financial Modelling	10
MAS3905	Statistical Inference	10

Set 10

MAS3801	Methods for Differential Equations	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10
MAS3904	Stochastic Financial Modelling	10
MAS3905	Statistical Inference	10

Set 11

MAS3703	Geometries and designs	10
MAS3705	Matrix Analysis	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10
MAS3905	Statistical Inference	10

Set 12

MAS3801	Methods for Differential Equations	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10
MAS3905	Statistical Inference	10

Pure and Applied

Set 13

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3705	Matrix analysis	10
MAS3801	Methods for Differential Equations	10
MAS3802	Quantum Mechanics	10
MAS3803‡	Advanced Fluid Dynamics	10

Set 14

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3705	Matrix analysis	10
MAS3801	Methods for Differential Equations	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3804	Relativity and Cosmology	10

Set 15

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3704	Coding Theory	10
MAS3801	Methods for Differential Equations	10
MAS3802	Quantum Mechanics	10
MAS3803‡	Advanced Fluid Dynamics	10

Pure and Statistics

Set 16

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3705	Matrix analysis	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10

Set 17

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10
MAS3905	Statistical Inference	10

Set 18

MAS3701	Foundations of group theory	10
MAS3703	Geometries and designs	10
MAS3704	Coding Theory	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10

Set 19

MAS3701	Foundations of group theory	10
MAS3703	Geometries and designs	10
MAS3704	Coding Theory	10
MAS3901	Applied Probability	10
MAS3903	Linear Models	10
MAS3904	Stochastic Financial Modelling	10

Applied and Statistics

Set 20

MAS3801	Methods for Differential Equations	10
MAS3802	Quantum Mechanics	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10

Set 21

MAS3801	Methods for Differential Equations	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3804	Relativity and Cosmology	10
MAS3901	Applied Probability	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10

Set 22

MAS3801	Methods for Differential Equations	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3804	Relativity and Cosmology	10
MAS3901	Applied Probability	10
MAS3903	Linear Models	10
MAS3904	Stochastic Financial Modelling	10

Combined Pure, Applied and Statistics

Set 23

MAS3701	Foundations of group theory	10
MAS3702	Linear analysis	10
MAS3801	Methods for Differential Equations	10
MAS3803‡	Advanced Fluid Dynamics	10
MAS3902	Bayesian Inference	10
MAS3903	Linear Models	10

Set 24

MAS3703	Geometries and designs	10
MAS3704	Coding Theory	10
MAS3801	Methods for Differential Equations	10
MAS3804	Relativity and Cosmology	10
MAS3901	Applied Probability	10
MAS3904	Stochastic Financial Modelling	10

Note:

‡ The module MAS3801 is a co-requisite.