

Consultation Session Availability

Part B

ICC code	Subject title	No. Sets	ICC code	Subject title	No. Sets
B01.1	History of Mathematics	1	B1.2	Set Theory	6
B1.1	Logic	4	B2.2	Commutative Algebra	2
B2.1	Introduction to Representation Theory	2	B3.3	Algebraic Curves	2
B3.1	Galois Theory	3	B3.4	Algebraic Number Theory	2
B3.2	Geometry of Surfaces	2	B4.2	Hilbert Spaces	2
B3.5	Topology and Groups	4	B5.1	Stochastic Modelling of Biological Processes	2
B4.1	Banach Spaces	3	B5.4	Waves and Compressible Flow	2
B5.2	Applied PDEs	4	B5.6	Nonlinear Systems	3
B5.3	Viscous Flow	3	B6.2	Numerical Solutions of Differential Equations II	1
B5.5	Mathematical Ecology and Biology	4	B8.2	Continuous Martingales and Stochastic Calculus	1
B6.1	Numerical Solutions of Differential Equations I	2	B8.3	Mathematical Models of Financial Derivatives	4
B6.3	Integer Programming	2	B8.5	Graph Theory	5
B7.1	Classical Mechanics	2			
B7.2	Electromagnetism	1			
B8.1	Martingales through Measure Theory	3			
B8.4	Communication Theory	2			

Part C

ICC code	Subject title	No.Sets	ICC code	Subject title	No. Sets
C1.1	Model Theory	1	C1.2	Godels Incompleteness Theorem	1
C1.3	Analytic Topology	1	C1.4	Axiomatic Set Theory	2
C2.1	Lie Algebra	1	C2.3	Representation Theory of Semisimple Lie Algebras	1
C2.2	Homological Algebra	1	C2.4	Infinite Groups	1
C2.7	Category Theory	1	C2.5	Non-Commutative Algebra	1
C3.1	Algebraic Topology	1	C2.6	Introduction to Schemes	1
C3.4	Algebraic Geometry	2	C3.2	Geometric Group Theory	1
C3.5	Lie Groups	1	C3.3	Differentiable Manifolds	1
C3.8	Analytic Number Theory	2	C3.6	Modular Forms	1
C4.1	Functional Analysis	1	C3.7	Elliptic Curves	1
C4.3	Functional Analytic Methods for PDEs	1	C4.2	Linear Operators	1
C4.5	Ergodic Theory	1	C5.2	Elasticity and Plasticity	1
C5.1	Solid Mechanics	1	C5.4	Networks	2
C5.3	Statistical Mechanics	1	C5.6	Applied Complex Variables	1
C5.5	Perturbation Methods	2	C5.9	Mathematical Mechanical Biology	1
C5.7	Topics in Fluid Mechanics	1	C6.2	Continuous Optimization	1
C5.11	Mathematical Geoscience	1	C6.4	Finite Element Method for PDEs	2
C5.12	Mathematical Physiology	1	C7.3	Further Quantum Theory	2
C6.1	Numerical Linear Algebra	1	C7.4	Introduction to Quantum Information	1
C6.3	Approximation of Functions	1	C7.6	General Relativity II	1
C7.5	General Relativity I	1	C8.2	Stochastic Analysis and PDEs	1
C8.1	Stochastic Differential Equations	1	C8.4	Probabilistic Combinatorics	3
C8.3	Combinatorics	3			