

LGIC LOGIC, INFORMATION, AND COMPUTING ELECTIVE (ALCE)

Code	Title	Course Units
AMCS 5461	Advanced Applied Probability	1
AMCS 5840	The Mathematics of Medical Imaging and Measurement	1
BE 5840	The Mathematics of Medical Imaging and Measurement	1
CIS 3340	Advanced Topics in Algorithms	1
CIS 3980	Quantum Computer and Information Science	1
LING 5820	Semantics II	1
MATH 3500	Number Theory	1
MATH 3600	Advanced Calculus	1
MATH 3610	Advanced Calculus	1
MATH 4100	Complex Analysis	1
MATH 4200	Ordinary Differential Equations	1
MATH 4250	Partial Differential Equations	1
MATH 4320	Game Theory.	1
MATH 4800	Topics in Modern Math	1
MATH 4990	Supervised Study	0-1
MATH 5000	Topology	1
MATH 5010	Differential Geometry	1
MATH 5040	Graduate Proseminar in Mathematics	1
MATH 5050	Graduate Proseminar in Mathematics	1
MATH 5080	Advanced Analysis	1
MATH 5090	Advanced Analysis	1
MATH 5120	Advanced Linear Algebra	1
MATH 5200	Selections from Algebra	1
MATH 5300	Mathematics of Finance	1
MATH 5460	Advanced Applied Probability	1
MATH 5600	Selections from Geometry and Topology	1
MATH 5610	Selections from Geometry and Topology	1
MATH 5800	Combinatorial Analysis	1
MATH 5810	Topics in Combinatorial Theory	1
MATH 5840	The Mathematics of Medical Imaging and Measurement	1
MATH 5940	Mathematical Methods of Physics	1
MATH 5999	Independent Study	1-4
PHIL 4770	Philosophy of Mathematics	1
PHYS 5500	Mathematical Methods of Physics	1