Year	Course Code	Title	Course Category	No. of AUs	Pre-requisites
1	AAM10A	Linear Algebra I	Core	3	-
	AAM10B	Calculus I	Core	3	-
	AAM10C	Finite Mathematics	Core	3	-
	AAM10D	Number Theory	Core	3	-
2	AAM20A	Linear Algebra II	Core	3	Must have done AAM10A
	AAM20B	Calculus II	Core	3	-
	AAM20C	Statistics I	Core	3	-
	AAM20D	Computational Mathematics	Core	3	-
	AAM20E	Differential Equations	Core	3	-
	AAM20G	Complex Analysis	Core	3	-
3	AAM33A	Special Topics in Mathematics I	Prescribed	3	-
	AAM33C	Statistics II	Prescribed	3	-
	AAM33D	Real Analysis	Prescribed	3	-
	AAM33E	Modern Algebra	Prescribed	3	-
	AAM33G	Modelling with Differential Equations	Prescribed	3	AAM20E
	AAM33H	Statistics III	Prescribed	3	AAM33C
	AAM33J	Combinatorial Analysis	Prescribed	3	-
4	AAM40A	Academic Exercise: Mathematics	Core	3	-
	AAM43A	Special Topics in Mathematics II	Prescribed	3	-
	AAM43B	Statistical Theory	Prescribed	3	AAM33C
	AAM43C	Applied Statistics	Prescribed	3	AAM33C
	AAM43D	Techniques in Operations Research	Prescribed	3	-
	AAM43E	Mathematical Programming and Stochastic Processes	Prescribed	3	-
	AAM43G	Metric Spaces	Prescribed	3	AAM33D
	AAM43H	Galois Theory	Prescribed	3	AAM33E
	AAM43J	Graph Theory	Prescribed	3	-
	AAM43K	Geometry	Prescribed	3	-
	AAM43L	Advanced Mathematical Modelling	Prescribed	3	AAM20E