

1. Students need to complete at least 10 cu of level 3 and above courses in the minor.

MINOR CORE - 20 cu													
Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
MTH107	Calculus I	5	Y	Y	Y	Y	2028/07	CRN01-TUESDAY WEEK 1 CRN02-TUESDAY WEEK 1 CRN03-TUESDAY WEEK 1	NIL	MTH103	MTH108		NON-LAB
MTH108	Calculus II	5	Y	Y	Y	Y	2026/07	CRN01-TUESDAY WEEK 2 CRN02-TUESDAY WEEK 2	MTH107	MTH104	MTH107		NON-LAB
MTH207	Linear Algebra	5	N	Y	N	Y	2028/07	CRN01-WEDNESDAY WEEK 1 CRN02-WEDNESDAY WEEK 1	NIL	MZS2032	MTH208		NON-LAB
MTH208	Advanced Linear Algebra	5	N	N	Y	N	2028/07	CRN01-TUESDAY WEEK 2 CRN02-TUESDAY WEEK 2	MTH207	MTH209	MTH207		NON-LAB

MINOR ELECTIVE - 10 cu

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
MTH219	Fundamentals of Statistics and Probability	5	Y	Y	Y	Y	2028/07	CRN01-THURSDAY WEEK 1 CRN02-THURSDAY WEEK 1	MTH107	HESZ2002 or MZS248			NON-LAB
MTH220	Statistical Methods and Inference	5	Y	Y	Y	Y	2028/07	CRN01-THURSDAY WEEK 2 CRN02-THURSDAY WEEK 2	NIL	MZS248			NON-LAB
MTH301	Fundamentals of Complex Analysis	5	Y	N	Y	N	2028/07	CRN01-FRIDAY WEEK 1	MTH316	MZS337	MTH302		NON-LAB
MTH302	Applied Complex Analysis	5	Y	Y	N	Y	2028/07	CRN01-FRIDAY WEEK 2	MTH301	MZS337	MTH301		NON-LAB
MTH316	Multivariable Calculus	5	Y	N	Y	N	2028/07	CRN01-FRIDAY WEEK 1 CRN02-FRIDAY WEEK 1	MTH103 or MTH107	MTH211			NON-LAB
MTH351	Coding Theory	5	N	Y	N	Y	2028/07	CRN01-WEDNESDAY WEEK 1	MTH207	MTH311	MTH352		NON-LAB
MTH352	Cryptography	5	N	Y	N	Y	2028/07	CRN01-WEDNESDAY WEEK 2		MTH313	MTH351		NON-LAB
MTH353	Basic Statistical Methods in Experimental Design	5	N	Y	N	Y	2028/07	CRN01-MONDAY WEEK 1	BUS105 or HBC203 or MTH220	MTH315	MTH354		NON-LAB
MTH354	Advanced Statistical Methods in Experimental Design	5	N	N	Y	N	2028/07	CRN01-MONDAY WEEK 2	MTH353	MTH317	MTH353		NON-LAB

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
MTH355	Basic Mathematical Optimization	5	Y	N	Y	N	2028/07	CRN01-TUESDAY WEEK 1 CRN02-TUESDAY WEEK 1	MTH207 or MTH211 or MTH319	MTH310	MTH356		NON-LAB
MTH356	Advanced Mathematical Optimization	5	Y	Y	N	Y	2028/07	CRN01-TUESDAY WEEK 2	DSM101 or MTH211 or MTH316	MTH309	MTH355		NON-LAB
MTH357	Applied Regression Analysis I	5	Y	N	Y	N	2028/07	CRN01-THURSDAY WEEK 1	BUS105 or HBC203 or MTH220	MTH307	MTH358		NON-LAB
MTH358	Applied Regression Analysis II	5	Y	Y	N	Y	2028/07	CRN01-THURSDAY WEEK 2	MTH357	MTH308	MTH357		NON-LAB
MTH359	Applied Financial Mathematics I	5	N	Y	N	Y	2028/07	CRN01-MONDAY WEEK 1	MTH220 & MTH316 or MTH217 & MTH220	MTH221	MTH360		NON-LAB
MTH360	Applied Financial Mathematics II	5	N	N	Y	N	2028/07	CRN01-MONDAY WEEK 2	MTH221 or MTH359	MTH222	MTH359		NON-LAB
MTH361	Stochastic Processes I	5	N	N	Y	N	2028/07	CRN01-THURSDAY WEEK 1	MTH207 & MTH219	MTH305	MTH362		NON-LAB
MTH362	Stochastic Processes II	5	N	Y	N	Y	2027/07	CRN01-THURSDAY WEEK 2	MTH305 or MTH361	MTH306	MTH361		NON-LAB
MTH366	Fundamentals of Graph Theory	5	N	N	Y	N	2027/07		MTH101 or MTH105 or MTH207	MTH303	MTH367		NON-LAB
MTH367	Network Optimization and Modelling	5	N	N	N	Y	2027/07		MTH207	MTH304	MTH366		NON-LAB

* Students will be required to attend classes on day of presentation as well as on weekends or all classes may be on weekends.

