

1. Students need to complete at least 10 cu of level 3 and above courses in the minor.
2. Students enrolled before the July 2023 semester need to complete 20 cu of minor electives.

MNMTH^MINOR CORE - 20 cu													
Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jul 26	Jan 27	May 27	Jul 27	Jan 28	Jul 28	Last Presentation	Time Table
MTH109 Calculus	5		MTH108			Y	Y	N	Y	Y	Y		CRN01; Tue; Week 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 CRN02; Tue; Week 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
MTH207 Linear Algebra	5		MZS2032	MTH208		Y	N	N	Y	N	Y	2029/07	CRN01; Wed; Week 1, 3, 4, 5, 7, 9, 11
MTH208 Advanced Linear Algebra	5	MTH207	MTH209	MTH207		N	Y	N	N	Y	N	2029/07	
MTH212 Statistical Analysis	5		MZS248 or MTH220			Y	Y	N	Y	Y	Y		CRN01; Thu; Week 2, 4, 6, 8, 10, 12 CRN02; Thu; Week 2, 4, 6, 8, 10, 12
MNMTH^MINOR ELECTIVE - 10 cu													
Students enrolled before the July 2023 semester need to complete 20 cu of minor electives.													
Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jul 26	Jan 27	May 27	Jul 27	Jan 28	Jul 28	Last Presentation	Time Table
MTH301 Fundamentals of Complex Analysis	5	MTH316	MZS337	MTH302		N	Y	N	N	Y	N		
MTH302 Applied Complex Analysis	5	MTH301	MZS337	MTH301		Y	N	N	Y	N	Y		

Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jul 26	Jan 27	May 27	Jul 27	Jan 28	Jul 28	Last Presentation	Time Table
MTH316 Multivariable Calculus	5	MTH103 or MTH107 or MTH109	MTH211			N	Y	N	N	Y	N		
MTH351 Coding Theory	5	MTH207	MTH311	MTH352		Y	N	N	Y	N	Y		CRN01; Wed; Week 1, 3, 5, 7, 9, 11
MTH352 Cryptography	5		MTH313	MTH351		Y	N	N	Y	N	Y		CRN01; Wed; Week 2, 4, 6, 8, 10, 12
MTH355 Basic Mathematical Optimisation	5	MTH207 or MTH211 or MTH319	MTH310	MTH356		N	Y	N	N	Y	N		
MTH356 Advanced Mathematical Optimisation	5	DSM101 or MTH211 or MTH316	MTH309	MTH355		Y	N	N	Y	N	Y		
MTH366 Fundamentals of Graph Theory	5	MTH101 or MTH105 or MTH207	MTH303	MTH367		N	Y	N	N	Y	N		
MTH367 Network Optimisation and Modelling	5	MTH207	MTH304	MTH366		Y	N	N	Y	N	Y		CRN01; Wed; Week 2, 4, 6, 8, 10, 12

- If the presentation status is 'Y' = the course is presenting in the semester, 'N' = the course is not presenting in the semester, 'RT' = the course has been retired and will not be presented again, 'RP' = the course has been replaced and will not be presented again.
- The information listed is subject to review and change.

Retired/Replaced List

Course	Credit Units	Status	Effective From Semester	Remarks
MTH107 Calculus I	5	Retired	2025/01	
MTH108 Calculus II	5	Replaced	2025/01	Replaced by MTH109