SINGAPORE UNIVERSITY OF SOCIAL SCIENCES

Mathematics

MNMTH

Curriculum Plan (Updated on 10-Jan-2024 09:47:41 AM)

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.

MINOR CORE - 20 cu													
Course	Credit Units	Pre-requisite	Excluded Combination	Grouping	Remarks	Jan 24	May 24	Jul 24	Jan 25	May 25	Jul 25	Last Presentation	Time Table
MTH107 Calculus I	5		MTH103	MTH108		Y	N	Y	Y	N	Y	2028/07	CRN01; Tue; Week 1, 3, 5, 7, 9, 11 CRN02; Tue; Week 1, 3, 5, 7, 9, 11 CRN03; Tue; Week 1, 3, 5, 7, 9, 11
MTH108 Calculus II	5	MTH107	MTH104	MTH107		Y	N	Y	Y	N	Y	2026/07	CRN01; Tue; Week 2, 4, 6, 8, 10, 12 CRN02; Tue; Week 2, 4, 6, 8, 10, 12
MTH207 Linear Algebra	5		MZS2032	MTH208		N	N	Y	N	N	Y	2028/07	CRN01; Wed; Week 1, 3, 5, 7, 9, 11 CRN02; Wed; Week 1, 3, 5, 7, 9, 11
MTH208 Advanced Linear Algebra	5	MTH207	MTH209	MTH207		Y	N	N	Y	N	N	2028/07	CRN01; Tue; Week 2, 4, 5, 6, 7, 8, 10, 12 CRN02; Tue; Week 2, 4, 5, 6, 7, 8, 10, 12

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	Jan 24	May 24	Jul 24	Jan 25	May 25	Jul 25	Last Presentation	Time Table
MTH301 Fundamentals of Complex Analysis	5	MTH316	MZS337	MTH302		Y	N	N	Y	N	N	2028/07	CRN01; Fri; Week 1, 3, 5, 7, 9, 11
MTH302 Applied Complex Analysis	5	MTH301	MZS337	MTH301		N	N	Y	N	N	Y	2028/07	CRN01; Fri; Week 2, 4, 5, 6, 7, 8, 10, 12
MTH316 Multivariable Calculus	5	MTH103 or MTH107	MTH211			Y	N	N	Y	N	N	2028/01	CRN01; Fri; Week 1, 3, 4, 5, 6, 7, 9, 11 CRN02; Fri; Week 1, 3, 4, 5, 6, 7, 9, 11
MTH351 Coding Theory	5	MTH207	MTH311	MTH352		N	N	Y	N	N	Y	2028/07	CRN01; Wed; Week 1, 3, 5, 7, 9, 11
MTH352 Cryptography	5		MTH313	MTH351		N	N	Y	N	N	Y	2028/07	CRN01; Wed; Week 2, 4, 6, 8, 10, 12
MTH355 Basic Mathematical Optimisation	5	MTH207 or MTH211 or MTH319	MTH310	MTH356		Y	N	N	Y	N	N	2028/07	CRN01; Tue; Week 1, 3, 5, 7, 9, 11
MTH356 Advanced Mathematical Optimisation	5	DSM101 or MTH211 or MTH316	MTH309	MTH355		N	N	Y	N	N	Y	2028/07	CRN01; Tue; Week 2, 4, 6, 8, 10, 12
MTH366 Fundamentals of Graph Theory	5	MTH101 or MTH105 or MTH207	MTH303	MTH367		Y	N	N	Y	N	N	2028/07	CRN01; Wed; Week 1, 3, 5, 7, 9, 11
MTH367 Network Optimisation and Modelling	5	MTH207	MTH304	MTH366		N	N	Y	N	N	Y	2028/07	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.