1. You are advised to read the instructions to courses registration posted in STARS. Please refer to STARS for the schedule of registration.

2. Students are only allowed to register for courses up to their **Normal Load** during their scheduled course registration day (during **both** their scheduled timeslot and between 5pm to 10pm on the same day). To register more than Normal Load, students would only be able to do so during the Add/Drop period. Please refer to the table below for the normal and maximum load requirement for your year of study.

Programme	Study Years	Normal Load	Maximum Load
MAEO	1-2	22	22
MAEO	3-4	19	22

*ICC courses will be system-allocated for year 1 and 2 as per standard study plan after main registration (by 22 July 2025); Freshmen starting their studies in August 2026 will be allocated courses.

3. If you wish to read a course that will exceed your maximum load, you can apply online through this link: https://raspberry.spms.ntu.edu.sg/overload/apply/default.aspx. Please note that approval is granted to a specific course that you wish to overload.

   Overload Applications: 22 Jun 2026 to 16 Aug 2026

4. The following courses are to be read during Semester 1 AY 2026/2027 (subject to pre-requisites).

5. Please refer to URL for the most updated ICC Core requirements:
   https://www.ntu.edu.sg/spms/admissions/undergrad/core-courses

MAEO Year 1 – Matric Year 2026			
Course Code	**Course Title**	**Course Type**	**Course AU**
MH1100	Calculus I	Core	4
MH1200	Linear Algebra I	Core	4
MH1300	Foundations of Mathematics	Core	4
HE1001	Microeconomics I	Core	3
HE1002	Macroeconomics I	Core	3
CC0006	Sustainability: Society, Economy & Environment	ICC-Core	3

MAEO Year 2 – Matric Year 2025			
Course Code	**Course Title**	**Course Type**	**Course AU**
MH2100	Calculus III	Core	4
MH2500	Probability and Introduction to Statistics	Core	4
MH3100	Real Analysis I	Core	4
HE2003	Econometrics I	Core	3
PS0001	Introduction to Computational Thinking	Core	3
ML0004	Career Design & Workplace Readiness in the V.U.C.A World	ICC Core	2

MAEO Year 3 – Matric Year 2024				
Course Code	**Course Title**	**Course Type**	**Course AU**	**Remarks**
HE3001	Microeconomics III	Core	3	
HE3002	Macroeconomics III	Core	3	
HW0218	Communication Across the Sciences	ICC Core	2	Limited to indexes: 18338; 18339; 18340; 18341; 18342; 18343; 18344; 18345; 18346; 18347; 18348; 18349; 18350

The following **GER-core courses** are no longer offered. Replacement course (if applicable) is indicated next to the respective course. Please email SPMSUndgrad@ntu.edu.sg if you need to take the replacement course **after** registering for Core and/or Major-PE courses.

Course Code & Course Title	Replacement Course (if applicable)
HW0128 Scientific Communication I	CC0001 Inquiry and Communication in an Interdisciplinary Word
HW0228 Scientific Communication II	HW0218 Communication Across the Sciences

6. The following MATH Major-PE courses are offered for AY26 Semester 1.
   - Track is applicable for admission year 2023 and earlier.
   - Students in admission year 2024 onwards, please check MAEO curriculum website based on your respective admission year for specialization requirements.
   - **For ECON Major-PE list, please refer to the following website link: Economics Courses**

MATH – Applied Mathematics Major PE				
Course Code	**Course Title**	**Course Type**	**Course AU**	**Remarks**
MH3101	Complex Analysis	Major PE	4	**ICC intakes only**
MH3300	Graph Theory	Major PE	4	
MH3512	Stochastic Processes	Major PE	4	
MH3520	Mathematics of Deep Learning	Major PE	4	
MH3702	Geometric Methods in Mathematical Physics	Major PE	4	
MH4310	Coding Theory	Major PE	4	
MH4311	Cryptography	Major PE	4	
MH4320	Computational Economics	Major PE	4	
MH4514	Financial Mathematics	Major PE	4	
MH4521	Reinforcement Learning	Major PE	4	
MH4700	Numerical Analysis II	Major PE	4	

Pure Mathematics Major PE				
Course Code	**Course Title**	**Course Type**	**Course AU**	**Remarks**
MH3101	Complex Analysis	Major PE	4	
MH3210	Number Theory	Major PE	4	
MH3220	Algebra II	Major PE	4	**Mutually exclusive with MH3200**
MH3520	Mathematics of Deep Learning	Major PE	4	
MH3702	Geometric Methods in Mathematical Physics	Major PE	4	
MH4310	Coding Theory	Major PE	4	
MH4311	Cryptography	Major PE	4	
MH4521	Reinforcement Learning	Major PE	4	

Statistics Major PE			
Course Code	**Course Title**	**Course Type**	**Course AU**
MH3512	Stochastic Processes	Major PE	4
MH3520	Mathematics of Deep Learning	Major PE	4
MH3702	Geometric Methods in Mathematical Physics	Major PE	4
MH4320	Computational Economics	Major PE	4
MH4510	Statistical Learning and Data Mining	Major PE	4
MH4511	Sampling and Survey	Major PE	4
MH4513	Survival Analysis	Major PE	4
MH4514	Financial Mathematics	Major PE	4
MH4521	Reinforcement Learning	Major PE	4

Business Analytics Major PE			
Course Code	**Course Title**	**Course Type**	**Course AU**
MH3510	Regression Analysis	Major PE	4
MH3520	Mathematics of Deep Learning	Major PE	4
MH3702	Geometric Methods in Mathematical Physics	Major PE	4
MH4320	Computational Economics	Major PE	4
MH4510	Statistical Learning and Data Mining	Major PE	4
MH4513	Survival Analysis	Major PE	4
MH4521	Reinforcement Learning	Major PE	4
MH4700	Numerical Analysis II	Major PE	4

The following Special Topics Courses are offered for AY26 Semester 1. **Registration is subject to approval.** Please refer to the following application links for further information. Application closes on Sunday 19 July 2026 (2359h).

- MH4930 Application Link: https://forms.cloud.microsoft/r/7MiBKcXFGw
- MH4931 Application Link: https://forms.cloud.microsoft/r/MSFwuZqn2Q
- MH4932 Application Link: https://forms.cloud.microsoft/r/2YbSMDbvTP

Special Topics Courses Offered				
Course Code	**Course Title**	**Course Type**	**Pre-requisite(s)**	**Course AU**
MH4930	Special Topics in Mathematics	BDE	MH1100 & MH1101	4
MH4931	Special Topics in Applied Mathematics	BDE	MH1201 & MH2500 & MH3100 & MH3600	4
MH4932	Special Topics in Statistics	Major-PE / BDE	MH2500 & MH1201 & MH3100 & MH3500	4

7. You are allowed to read higher level courses if you have met the pre-requisites and there are vacancies available. Pre-requisites may also be met through exemptions.

8. The locations of the Mathematics Labs are as follow:

Mathematics Lab	Location
COMP LAB 1	SPMS-MAS-03-02
COMP LAB 2	SPMS-MAS-03-03
COMP LAB 3	SPMS-MAS-03-04

9. Students with Admission Year 2026 who are intending to take up higher level courses whereby the prerequisites are fulfilled through exemptions are to write in to SPMSUndgrad@ntu.edu.sg. Exemptions will only be updated after add/drop period and will only be reflected at the end of the semester, together with semester results release.

10. Students who are interested may apply to take graduate courses as BDE. A minimum CGPA of 4.00 is required for the application. Graduate course information may be found from https://www.ntu.edu.sg/spms/about-us/mathematics/grad/course-info. The following graduate course is offered in AY2026 Semester 1. Please note that application is subject to approval.

Course Code	Course Title
MH7002	Discrete Methods *Previously listed as MAS711* Application Link: https://forms.cloud.microsoft/r/q9CCEjFVSp

11. Students who have taken courses as pre-requisites during exchange programme in the current Semester, please submit your waiver request via the Online Waiver Application using this link: https://walnut.spms.ntu.edu.sg/waiver/student/default.aspx . Please upload a copy of the course mapping details and a copy of your exchange transcript (if any) in pdf format in your application.

    Phase 1 applications: 29 May 2026 to 14 Jun 2026
    Phase 2 applications: 1 Aug 2026 to 16 Aug 2026

12. Enquiries on curriculum may be directed to:
    - SPMSundgrad@ntu.edu.sg (Mathematics courses)
    - UG-Economics@ntu.edu.sg (Economics courses)

13. The following BDE courses are also offered in Semester 1 AY 2026-2027:

Course Code	Course Title	Course AU	Remarks
MH5000	Mathematical Problem-Solving	2	Application link: https://forms.cloud.microsoft/r/FadiPYaD9E **Application Deadline: 19 July (2359h)**
MH5100	Advanced Investigations in Calculus I	1	**Must be read alongside MH1100.** There is a qualifying test in Teaching Week 1.
MH5200	Advanced Investigations in Linear Algebra I	1	**Must be read alongside MH1200.** There is a qualifying test in Teaching Week 1.

14. Enquiries on courses registration may be directed to SPMSundgrad@ntu.edu.sg. Your matriculation number must always be included in your e-mail. Please refrain from sending multiple similar e-mails as this will not expedite the response but rather it will cause undue delay. All enquiries will be attended to and will be replied as soon as possible, depending on the nature of the request. Appeals for GER-PE and UE/BDE vacancies are to be submitted through the online appeal system and they will not be responded to if otherwise

15. Enquiries on network performance, Studentlink password or STARS PIN may be directed to NSS Service Desk using the IT Service Desk Form below: https://www.ntu.edu.sg/life-at-ntu/internet-account-and-policy/service-desk-form