1. You are advised to read the instruction 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	Remarks
MACS	1, 3-4	22	22	
MACS	2	17	22	U22 intake*

* ICC courses ML0004 and CC0007 will be system-allocated **after** the main registration period. Hence the Normal Load excludes AU of ML0004 and CC0007.

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.

4. The following courses are to be read during Semester 2 AY 2023/2024 (subject to pre-requisites).

5. Please refer to URL for the most updated MACS course curriculum – https://www.ntu.edu.sg/spms/about-us/mathematics/undergrad/degree-programmes

MACS Year 1 (U23)			
Course Code	**Course Title**	**Course Type**	**Course AU**
SC1006	Computer Organisation and Architecture	Core	3
SC1007	Data Structures & Algorithms	Core	3
MH1101	Calculus II	Core	4
MH1201	Linear Algebra II	Core	4
MH1301	Discrete Mathematics	Core	3
CC0001	Inquiry and Communication in an Interdisciplinary World	ICC Core	2
CC0005	Healthy Living and Wellbeing	ICC Core	3

MACS Year 2 (U22)			
Course Code	**Course Title**	**Course Type**	**Course AU**
SC2006	Software Engineering	Core	3
SC2207	Introduction to Databases	Core	3
SC2008	Computer Networks	Core	3
PS0002	Introduction to Data Science and Artificial Intelligence	Core	3
ML0004	Career and Entrepreneurial Development for the Future World	ICC Core	2
CC0007	Science & Technology for Humanity	ICC Core	3

MACS Year 3			
Course Code	**Course Title**	**Course Type**	**Course AU**
SC3079/CZ3179	Professional Internship	Core	10

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MACS Year 4			
Course Code	**Course Title**	**Course Type**	**Course AU**
MH4900/SC4079	Final Year Project	Core	8

GER-Core (non-ICC intakes only)				
Course Code	**Course Title**	**Course Type**	**Course AU**	**Remarks**
ET0001	Enterprise & Innovation	GER-Core	1	Index: 70901
GC0001	Sustainability: Seeing Through the Haze	GER-Core	1	Index: 70902
ML0003	Kickstart Your Career Success	GER-Core	1	Index: 70903
PS0002	Introduction to Data Science & Artificial Intelligence	GER-Core	3	

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
PS8001 Defence Science	-NA-
PS0003 Plan your Career Path	-NA-

6. 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.

7. 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

8. Students with Admission Year 2023 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.

9. 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.

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

11. 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.

12. 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