

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 in Applied Physics with Second Major in Microelectronics Engineering should also refer to the instructions for Microelectronics courses in Electrical and Electronic Engineering's website. 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
PHME	1	19	22
PHME	2	20	20
PHME	3	19	22

3. If you wish to read a course that will exceed your maximum load, you can apply online through this link: <https://raspberryspms.ntu.edu.sg/overload/apply/default.aspx>. Please note that approval is granted to a specific course that you wish to overload, and it may depend on your past satisfactory academic performance. You are advised to plan ahead as approval takes several days.
4. The following courses are to be read during Semester 1 AY 2022/2023 (subject to pre-requisites). Students with Admission Year 2022 will have their core courses allocated during the online matriculation.
5. Please refer to URL for the most updated GER Core/ICC Core requirements: <https://www.ntu.edu.sg/spms/admissions/undergrad/core-courses>

PHME Year 1			
Course Code	Course Title	Course Type	Course AU
PH1104	Mechanics	Core	3
PH1105	Optics, Vibrations and Waves	Core	3
PH1198	Physics Laboratory IA	Core	2
MH1802	Calculus for the Sciences	Core	4
PS0001	Introduction to Computational Thinking	Core	3
CC0002 [#]	Navigating the Digital World	ICC Core	2
CC0005 [#]	Healthy Living and Wellbeing	ICC Core	3
HW0001	Introduction to Academic Communication (for students who failed QET)		0

[#]Applicable to AY21 students onwards

PHME Year 2			
Course Code	Course Title	Course Type	Course AU
PH1107	Relativity and Quantum Physics	Core	3
PH2103	Thermal Physics	Core	4

PH2198	Physics Lab IIa	Core	2
MH2802	Linear Algebra for Scientists	Core	3
CC0007#	Science & Technology for Humanity	ICC Core	3

#Applicable to AY21 students onwards

PHME Year 3			
Course Code	Course Title	Course Type	Course AU
PH3101	Quantum Mechanics II	Core	4
PH3102	Condensed Matter Physics I	Core	4
PH3199	Physics Lab IIIa	Core	2
PH3399	Physics Lab IIIb	Core	2
PH3601	Fabrication of Micro - and Nanoelectronic Devices	UE (2 nd major)	4
EE3019	Integrated Electronics	UE (2 nd major)	3

PHME Major PE			
Course Code	Course Title	Course Type	Course AU
PH3602	Photonics	Major PE	4
PH4402	Condensed Matter Physics II	Major PE	4
PH4403	Surfaces and Interfaces	Major PE	4

- You are allowed to read higher level courses provided that you have met the pre-requisites and there are vacancies available. Pre-requisites may also be met through exemptions.
- Students with Admission Year 2022 who are not allocated with Core Courses after they matriculate online may write in to SPMSUndgrad@ntu.edu.sg
- Students with Admission Year 2022 who are intending to take up higher level courses whereby the pre-requisites 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.
- Enquiries on curriculum may be directed to:
 - Assoc Prof Cheong Siew Ann (cheongsa@ntu.edu.sg)
 - Ms Tan Soo Pei, Juliet (JulietTanSP@ntu.edu.sg)
- 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 vacancies are to be submitted through the online appeal system and will not be responded to if submitted otherwise.

11. Enquiries on network performance, Studentlink password or STARS PIN may be directed to NSS Service Desk using the IT Service Desk Form below:

- [ServiceNow](#)
- [Password Services](#) (To change or reset Network Account password)
- Service Desk Form: <https://www.ntu.edu.sg/life-at-ntu/internet-account-and-policy/service-desk-form>