

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	All Years	22	22

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 2022/2023 (subject to pre-requisites).
5. Please refer to URL for the most updated GER Core requirements: <https://www.ntu.edu.sg/spms/admissions/undergrad/core-courses>

PHME Year 1			
Course Code	Course Title	Course Type	Course AU
PH1106	Electricity and Magnetism	Core	3
PH1199	Physics Laboratory Ib	Core	2
MH1803	Calculus for Physics	Core	4
IE2104	Digital Electronics	BDE	3
E2104L	Digital Electronics (Lab component for IE2104)	BDE	0
PS0002#	Introduction to Data Science and Artificial Intelligence	ICC - Core	3
CC0001#	Inquiry and Communication in an Interdisciplinary World	ICC Core	2
CC0003#	Ethics & Civics in a Multicultural World	ICC Core	2

#Applicable to AY21 students onwards

PHME Year 2			
Course Code	Course Title	Course Type	Course AU
PH2101	Quantum Mechanics I	Core	3
PH2199	Physics Laboratory IIb	Core	2
MH2801	Complex Methods for the Sciences	Core	3
EE2102	Analog Electronics	BDE	3
E2102L	Analog Electronics (Lab component for EE2102)	BDE	0
CC0006#	Sustainability: Society, Economy & Environment	ICC-Core	3
ML0004#	Career and Entrepreneurial Development for the Future World	ICC-Core	2
HY0001*	Ethics & Moral Reasoning Final Offer in AY22 Sem 2	GER-Core	1

*Applicable to AY19 – AY20 students only

#Applicable to AY21 students onwards

PHME Year 3			
Course Code	Course Title	Course Type	Course AU
PH4419	Computational Physics	UE	4
PH4601	Physics of Semiconductor and Spintronics Devices (Offer to be confirmed by mid-Dec 2022)	UE	4
IE3102	Microprocessors	UE	3
E3102L	Microprocessors	UE	0
EE3019	Integrated Electronics	UE	3
ET0001	Enterprise & Innovation	GER-Core	1
HW0228	Scientific Communication II (Final Offer in AY22 Sem 2)	GER-Core	2

- 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 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.

10. 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>