

1. You are advised to read the instructions to courses registration posted in STARS. Please refer to STARS for the schedule of registration.
2. **For admission year 2011 onwards, the normal load is 17 AU and the maximum load is 20 AU. When you are registering a course that will exceed your normal load, you can only do so after 5pm on your course registration day.** If you wish to read a course that will exceed your maximum load, you can apply online through this link: <http://spms-appserver5.staff.main.ntu.edu.sg/overload/apply/default.aspx>. Please note that approval is granted to a specific course that you wish to overload.
3. The following courses are to be read during Semester 2 AY 20/21 (subject to pre-requisites).

CHEM Year 1			
Course Code	Course Title	Course Type	Course AU
CM1041	Basic Physical Chemistry with Laboratory	Core	4
CM1051	Basic Biology and Biochemistry	Core	3
MH1804	Mathematics for Chemistry (AY17 onwards)	Core	2
ES1007	Climate Change (for CHEM-ES only)	UE	4
HW0128	Scientific Communication I (for CHEM)	GER-Core	2
HW0111	Communication: A Journey of Inquiry through Writing and Speech (for CHEM-ES and CHEM-FST U20 onwards)	GER-Core	2
GC0001	Introduction to Sustainability: Multidisciplinary Approaches and Solutions	GER-Core	1

CHEM Year 2			
Course Code	Course Title	Course Type	Course AU
CM2041	Physical and Biophysical Chemistry 1	Core	3
CM2062	Chemistry and Biological Chemistry Laboratory 2	Core	3
HY0001	Ethics & Moral Reasoning	GER-Core	1
PS0002	Introduction to Data Science and Artificial Intelligence	GER-Core	3
PS0003	Plan your Career Path	GER-Core	1

CHEM Year 3			
Course Code	Course Title	Course Type	Course AU
CM3061	Chemistry and Biological Chemistry Laboratory 3	Core	3
ET0001	Enterprise & Innovation	GER-Core	1
HW0228	Scientific Communication II	GER-Core	2

CHEM Major PE			
Course Code	Course Title	Course Type	Course AU
CM4011	Advanced Analytical Chemistry	Major PE	3
CM4021	Current Topics in Inorganic Chemistry	Major PE	3
CM4032	Current Topics in Synthetic Organic Chemistry	Major PE	3
CM4033	Metal Mediated Reactions	Major PE	3
CM4042	Chemical Kinetics and Dynamics	Major PE	3
CM4054	Biophysics	Major PE	3
CM4078	Honours Project 1 (AY16 and after)	Major PE	11
CM4079	Industrial Internship (AY16 and after)	Major PE	11
CM4073	Honours Project 2	Major PE	3

4. Repeated modules offered in Semester 2 AY 20/21:

CHEM Year 2				
Course Code	Course Title	Course Type	Course AU	Class Capacity
CM2021	Inorganic and Bioinorganic Chemistry	Core	3	120
CM2031	Organic and Bioorganic Chemistry	Core	3	90

CHEM Year 3				
Course Code	Course Title	Course Type	Course AU	Class Capacity
CM3011	Chemical Spectroscopy and Applications	Core	3	130
CM3021	Organometallic Chemistry	Core	3	130
CM3031	Organic Reaction Mechanisms and Synthesis	Core	3	130
CM3041	Physical & Biophysical Chemistry 2	Core	3	130

Please note that the repeated modules are independent of the lab modules, e.g., students who are enrolled in CM2031 do not necessarily have to enroll in CM2061. Due to limited class capacity, the course registration is based on first-come-first-serve basis in personalized course registration time.

5. Students who wish to register for CM4079 in Semester 2 should contact Ms Koo Shin Yi, Janice (sykoo@ntu.edu.sg). Students taking CM4079 may not register for any other courses. Students who wish to register for CM4078 or CM4073 and did not participate in the online selection process should contact Ms Koo Shin Yi, Janice (sykoo@ntu.edu.sg). Students taking CM4078 may register for no more than two additional courses after discussion with their project advisor.
6. Pre-requisite Waiver/Timetable Clash Waiver: You are allowed to read higher level courses provided that you have met the pre-requisites and there are vacancies available. All the student will receive pre-requisite/timetable clash waiver application email from the school (SPMSundgrad@ntu.edu.sg). Please

check your NTU email regularly for more details. 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 matching details and a copy of your exchange transcript (if any) in pdf format in your application.

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. The following UE courses are also offered in Semester 2 AY 20/21.

Course Code	Course Title	Course AU
CM8003	From Alchemy to Chemistry	3
CM8012	Introduction to Forensic Science	2
CM9031	Chemistry in Pharmaceutical Manufacturing	3
CM9091	Industrial and Environment Chemistry	3
CM9102	Food Analysis and Safety	3
CM9103	Food Processing and Preservation	3
CM9201	Regulation in the Pharmaceutical, Biotechnology, and Medical Device Industries	3

9. Enquiries on course 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 to 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 or considered if submitted otherwise.
10. Enquiries on network performance, Studentlink password or STARS PIN may be directed to NSS Servicedesk (servicedesk@ntu.edu.sg).