
16 Nov 2022

To: All Returning Bachelor of Pharmacy students (Cohort 21/22 and onwards) of the Faculty of Science

Welcome back to the Faculty of Science. We hope you had an enjoyable vacation and are fully re-charged to begin your new semester of study.

This letter contains important information on the Online Module Registration through Module Registration at Education Records System (ModReg@EduRec) and filing procedures for Graduation and Honours Project for AY2022/23 Semester 2. Do read this letter carefully.

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IMPORTANT INFORMATION WITH REGARDS TO COVID-19

Modules offered within Science for Semester 2, AY2022/23

With the further relaxation of Safe Management Measures, teaching for undergraduate modules will mostly be conducted in-person for AY2022/2023 Semester 2, similar to Semester 1.

Under the current guidelines, all our teaching venues will be operating at their full capacities and everything else in terms of teaching, learning and assessments will be reverting to normal.

Do note that some of the larger classes will adopt blended learning for their lectures, but tutorials and seminars may still be conducted in-person. Hence, please check the details from [NUSMods](#) and [Canvas](#) when the timetable is expected to be released in December 2022.

We look forward to welcoming you back in the new academic year and hope that this notification will give you sufficient time to make preparations before the start of AY2022/23 Semester 2.

Advisory on use of masks

Wearing of masks is optional with the exception of the below settings:

- i. When travelling on internal shuttle buses serving our campuses
- ii. In our healthcare facilities e.g. University Health Centre, University Counselling Services and clinics, etc.

Advocating Safe Travel

All staff and students travelling to Singapore should check the [Immigrations and Checkpoints Authority website](#) regularly for the most updated information on health and border control measures for incoming travellers, including SHN requirements. Since the start of the COVID-19 pandemic, Singapore Citizens and Permanent Residents do not require prior approval to enter Singapore

Healthcare Protocols at NUS

To contain any potential spread of COVID-19 in educational institutions and the community, students from Higher Learning institutes who are unwell with respiratory symptoms such as cough, sore throat and runny nose will be checked for Acute Respiratory Infection (ARI) when they consult a doctor. Please do the Fast and Easy Test (FET), using an Antigen Rapid Test (ART) kit and refer to the OSHE [Circulars](#) and [Health Protocols](#):

Protocol 1: I am Unwell

Protocol 2: I am Well or Assessed Mild

Protocol 3: I am a Close Contact

Student Life Matters

Our Student Life Team is dedicated to ensuring that all Science students are well-supported at all times. We will be here to extend a helping hand to students in need and will provide a listening ear when they are in distress. We also manage financial aids for financially challenged Science students. For more details, please refer to: <https://www.science.nus.edu.sg/student-life-and-services/wellness-academic-financial-support/> or write to sciylc@nus.edu.sg.

Circulars for updates

Do note that as these are times of uncertainty, the information provided is accurate as of the latest circular, please refer to <https://emergency.nus.edu.sg/> for updates regarding COVID-19.

NUS BULLETIN AY2022/23

The NUS Bulletin for AY22/23 can be found in this weblink: <http://www.nus.edu.sg/nusbulletin/>

Please note that the contents of the bulletin are accurate as at the date of publishing. Students are strongly advised to refer to the Faculty of Science website and individual Department websites for the latest updates: <http://www.science.nus.edu.sg/>

ACADEMIC PLAN APPLICATION AND DECLARATION

Academic Plan **Declaration** allows you to declare your major, honours, specialisations, minors (open), and second majors (open) during the main semesters. Please note that you will not be allowed to register for modules unless the Academic Plan has been declared. You are also only allowed to make one declaration per semester. The minimum requirement of your candidature is to read 1 Major Programme and the maximum allowance is 2 Major Programmes with 2 Minor Programmes (Pharmacy students are allowed to read a maximum of 1 Major Programme only). Do select the Programmes according to your ability. No amendment is allowed beyond the fifth semester of study. Please refer to the online user guide on how to proceed with the Academic Plan Declaration;
[http://www.nus.edu.sg/ModReg/docs/User-Guide-\(Std\) AcadPlan Decln.pdf](http://www.nus.edu.sg/ModReg/docs/User-Guide-(Std) AcadPlan Decln.pdf)

Academic Plan **Application**, on the other hand, involves the application for closed and restricted minors and second majors. The application period is in April, for Semester 1, and November, for Semester 2. Please look out for the email sent by the Registrar's Office on Academic Plan Application. For more information, please refer to this [website](#).

Note: Students are required to submit your major/minor declaration in the Academic Plan Declaration system BEFORE you are allowed to access ModReg (Module Registration). Only **one** attempt is allowed per semester, and no changes are allowed after the declaration is submitted.

MODULE REGISTRATION AT EDUCATION RECORDS SYSTEM (ModReg@EduRec)

Module Registration at Education Records System (ModReg@EduRec) is the University's consolidated module registration platform. The schedule for ModReg@EduRec for AY22/23 Semester 2 is as follows:

Module Registration period	6 Dec 2022 – 7 Jan 2023
Tutorial Registration period	10 Jan – 17 Jan 2023
Lectures begin	9 Jan 2023
Tutorials begin	16 Jan 2023
Drop with 'W' grade	23 Jan 0000hrs – 26 Feb 2023 2359hrs
Drop with 'F' grade	27 Feb 2023, 0000hrs onwards

Please refer to the ModReg@EduRec website <http://www.nus.edu.sg/ModReg> for more information on the schedule as well as step-by-step video and user guides to aid you in this module registration process.

Select Modules Rounds

Do note that Round 0 and 1 are the protected rounds, where students will be able to select modules that can be used towards:

- Programme (Major, Specialisation) requirements
- Second Major requirements
- Direct admission/ Restricted Minor requirements
- Prescribed English requirements (i.e. modules offered by CELC)

Round 2 and Round 3 are open rounds where students are able to select all modules (including General Education modules) they wish to read for the semester.

Assistance

Should you require any assistance for FOS related modules, please write to scimr@nus.edu.sg. For general enquiries, you can contact 6516 8471.

Workload

All Single Degree students can select up to a maximum of 23 MCs from Select Modules Round 0 to Round 2. From Round 3 onwards, the workload allowance shall be in accordance to the student's CAP for students from Cohorts 2012/13 and beyond.

CAP	Round	Max Workload	Remark
0.00 – 5.00	0 – 2	23	
0.00	3	26	Freshman (if all subjects are S/U-ed)
0.00 – 1.99	3	23	Probation
2.00 – 3.19	3	26	
3.20 – 5.00	3	32	

Do note that the stipulated **minimum workload** that each student should have from AY2015/16 Semester 1 onwards is **18 MCs per semester**. Students are only allowed to underload in their graduating semester, or if they are doing credit-bearing internship.

MODULE AND EXAMINATION TIMETABLE

The class and examination timetables for AY2022/23 Semester 2 can be found at the following URL:
<https://nusmods.com/modules>

The onus is on the student to map out the study plan and avoid registering for modules with clashes in class or examination timetable. **Faculty of Science is not supportive of timetable clash waivers.** Appeals are **only** considered if students require the module to fulfil their graduation requirement in their graduating semester, without which might lead to a delay in graduation. Students may use the NUSMODS timetable builder to generate a personalized timetable:
<https://nusmods.com/timetable>

NUS DATA PROTECTION POLICY AND PERSONAL DATA PROTECTION ACT (PDPA) GUIDELINES

Recently, Singapore has seen multiple cases of data breaches and attacks on our IT infrastructure. Understanding that the University is not immune to these incidents and threats, we have taken direction from the Singapore Personal Data Protection Commission (PDPC) to roll out an e-training module DP1001 NUS Data Protection Policy and Personal Data Protection Act (PDPA) Guidelines to all undergraduates.

All students are required to complete the e-training module, "E-Training Package on Student Essentials" via [Canvas](#).

If you have questions related to NUS' collection, use and disclosure of your personal data, you may contact NUS Data Protection Office at +65 6776 2835 or dpo@nus.edu.sg

QUALIFYING ENGLISH TEST (QET)

All incoming Faculty of Science students (both local and international) would have been informed by the Registrar's Office to take their QET during the 1st Round. Students will be notified by the Centre for English Language Communications (CELC) of their QET results.

- i. Students who obtain Band 1 will have to take ES1000 followed by ES1103
- ii. Students who obtain Band 2 will have to take ES1103
- iii. Students who obtain Band 3 are exempted from these English modules

Students are strongly advised to complete the required module(s) within the first year of study. Students who are required to read both ES1000 and ES1103 may read ES1000 in the first semester of study and ES1103 in the second semester of study. Please refer to the CELC website for more information:
<http://www.nus.edu.sg/celc/programmes/qet.html>

GENERAL EDUCATION (GE) CURRICULUM

Students admitted from AY2021/22 onwards (except students from Law, Medicine, Dentistry) will experience a new curriculum introduced by the GE Reform, which aims to ensure that the GE curriculum continues to provide a unique and relevant learning experience for students to thrive in today's rapidly-changing world. The new curriculum features the following six pillars:

- i. Cultures and Connections
- ii. Critique and Expression
- iii. Data Literacy
- iv. Digital Literacy
- v. Singapore Studies
- vi. Communities and Engagement

All Pharmacy students are exempted from the Communities and Engagement pillar. They are only required to read one module from each of the remaining 5 pillars to fulfil their GE requirements.

DEGREE REQUIREMENTS

Minimum MC Requirements

- i. At least 160 MCs total
- ii. Minimum MCs that must be earned from NUS modules
<http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/continuation-and-graduation-requirements#MinMCRequirements>
- iii. At most 60 MCs of Level-1000 modules; any excess does not count towards the total MCs graduation requirements. The following modules do not count toward the 60 MCs limit:
 - a. CFG1010
 - b. CFG1002 (AY16/17 enrolment onward)
 - c. Modules under the Design-Your-Own-Module (DYOM) initiative
 - d. ES1103
 - e. Polytechnic UEM APCs
 - f. HS1301 (AY21/22 enrolment onward)<http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/degree-requirements>

Second Majors, Minors and Specialisations

- i. Second Major
A Second Major programme is conceived as an opportunity for students to broaden their knowledge and capacities by pursuing a second Major alongside their primary Major. The Second Major affords a significant degree of depth, although its MC requirement is set below that of the Major. The Second Major is a non-Honours major.

The MC requirement for a Second Major is at least 40 MCs, of which:

- Up to 16 MCs (40% of the MC requirements for a Second Major) may be used to meet (i) the Second Major requirement and (ii) another requirement, e.g., General Education, College, Faculty requirement outside CHS, Major, Second Major, Minor, Specialisation or other requirement.
- At least 12 MCs must be at Level 3000 and above.
- A minimum of 60% of the Second Major requirements must be earned from modules read at NUS. Modules read at NUS include all modules taught, co-taught, supervised

or co-supervised by NUS faculty member(s). These consist of graded modules or modules with an 'S' or 'CS' grade. The remaining MCs may be earned through credit transfers, advanced placement and exemptions, from modules deemed relevant to the particular Second Major.

ii. Minor

A Minor programme is a coherent course of study in an additional area outside of the Major. By doing this, it contributes to the breadth of learning envisaged for undergraduate education.

The MC requirement for a Minor is at least 20 MCs, of which:

- Up to 8 MCs (40% of the MC requirements for a Minor) may be used to meet (i) the Minor requirement and (ii) another requirement, e.g., General Education, College, Faculty requirement outside CHS, Major, Second Major, Minor, Specialisation or other requirement.
- At least 12 MCs for any Minor must be taken from outside the entire set of modules that are listed for the major(s)/another minor that the student is taking/ has taken.
- A minimum of 60% of the Minor requirements must be earned from modules read at NUS. Modules read at NUS include all modules taught, co-taught, supervised or co-supervised by NUS faculty member(s). These consist of graded modules or modules with an 'S' or 'CS' grade. The remaining MCs may be earned through credit transfers, advanced placement and exemptions, from modules deemed relevant to the particular Minor.

iii. Specialisation

A Specialisation is a programme of study on a particular specialised sub-discipline of a higher level within its main discipline.

The MC requirement for a Specialisation is at least 20 MCs of higher-level modules of a specialised nature within a Major. Up to 8 MCs (40% of the MC requirements for a Specialisation) may be used to meet (i) the Specialisation requirement and (ii) another requirement, e.g., General Education, Major, Second Major, Minor, Specialisation or other requirement.

Double Counting policy

- i. Ensure that you do not violate double counting policy:
- a. For major-major, major-minor, minor-minor and specialization-other requirement.
 - b. No triple counting is allowed.
 - i.e. you are not allowed to use one module to satisfy:
 - i. 2 majors + 1 minor
 - ii. 1 major + 2 minors
 - iii. 3 minors
 - iv. specialisation with 2 other requirements (for Cohort AY2021/22 onwards)
 - c. Even with double counting, MCs will only be counted once toward the minimum MC graduation requirements.
 - d. For more information, please refer to "Double Counting of Modules" at <https://www.science.nus.edu.sg/undergraduates/curriculum/faqs/>

Please refer to <https://myportal.nus.edu.sg/studentportal/academics/ug/aa-afg.html> for more information on My Graduation Audit Report & My What-If Report. Please also note that My Graduation Audit Report & My What-If Report do not take into account the modules you have not complete and passed. These two reports act as guides to assist you with graduation checks.

The onus is on the student to check their fulfillment of Graduation Requirements based on these two reports. You are strongly advised to refer to the graduation requirements available on the Faculty of

Science website and the Bulletin based on your cohort.

S/U OPTION ENTITLEMENT

With the launch of Enhanced Grade-free Scheme with effect from AY2016/17 Semester 1, students may exercise the S/U option for up to 32 MCs for modules read in the first year, including the first two regular semesters and the first year special term. If this is not fully utilised, the S/U option may be exercised in subsequent semesters, for up to 12 MCs.

Variations on the limit of S/U options that can be exercised apply for specific groups of students:

- i. Students without prior university experience but are granted 20 or more Advanced Placement Credits (APCs) at the point of admission to NUS may exercise the S/U option for up to 20 MCs for modules read in the first year; if this is not fully utilised, the S/U option may still be exercised in subsequent semesters, for up to 12 MCs.
- ii. Students with some prior university experience (which are being recognised towards the NUS degree) may exercise the S/U option for up to 12 MCs for modules read anytime during their candidature, including the first year.
- iii. Students with a prior university degree are not eligible for the grade-free scheme.

Student Type	S/U Options Available		
		1 st Year (including 1 st Year Special Term	Beyond 1 st Year Special Term (if unutilized)
Newly admitted students without prior university experience. This includes students with: <ul style="list-style-type: none"> - Clean slate transfer from another University or Faculty - Re-admitted into NUS on a clean slate 	< 20 APCs	32 MCs	12 MCs
	≥ 20 APCs	20 MCs	12 MCs
Students with some prior University experience. This includes: <ul style="list-style-type: none"> - Transfer from another University with credits - From partner Universities whose first year of study is not at NUS - Enrolled in DDP where Law is one of the partner faculties and hence spent their first year in Law 		12 MCs	12 MCs
Students with a prior University degree		0 MCs	0 MCs

The abovementioned entitlement is applicable for the following modules:

- All Level 1000 modules
- Level 2000 modules without NUS modules as pre-requisites
- MA2001, MA2002 and MA2301 w.e.f. Cohort AY2021/22 onwards
- Centre for Language Studies' (CLS) language modules at all levels
- Yale-NUS College's (YNC) language modules at all levels
- Centre for English Language Communication's (CELC) Level 2000 Communication and Ideals & Exposition modules (ENV2302, ES2002, IS2101, CS2101, ES2660, ES2007D, ES2331, UTW2001%)

The abovementioned entitlement is not applicable for the following modules:

- Level 2000 modules with NUS modules as pre-requisites
- Modules of Level 3000 and above
- Modules dropped with W or F-grade (during the module dropping period)
- Modules assigned IC grade
- Modules in which student had committed academic offense
- Modules in which the Board of Discipline had prescribed a revised grade
- University Scholars Program's (USP) Writing and Critical Thinking modules (UWC2101%) and Quantitative Reasoning modules (UQF2101%)
- Yong Siew Toh Conservatory of Music (YSTCM) Major Study modules
- Zero-MC modules.

Key Points to Note

- Both the 'S' and 'U' grade count towards the total S/U Option entitlement
- For modules read on an S/U basis, the modular credit is obtained only if a student attains a Satisfactory 'S' grade for the module
- All modules read on S/U basis are excluded from the computation of the CAP
- S/U option, once exercised, is irrevocable. Students may not later request for a conversion to a letter grade
- For the latest update on S/U options, please refer to
 - <https://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/continuation-and-graduation-requirements#SU>
 - <https://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/continuation-and-graduation-requirements>
 - <https://myportal.nus.edu.sg/studentportal/academics/ug/su-homepage.html>
 - <https://myportal.nus.edu.sg/studentportal/academics/ug/su-homepage.html> and
 - <https://myportal.nus.edu.sg/studentportal/academics/ug/su-homepage.html>

CONTINUATION, PROBATION AND DISMISSAL

To remain in good academic standing, and to continue in an undergraduate programme of study, a student may not have CAP below 2.00 for two consecutive semesters. For any semester in which the student's CAP falls below 2.00, s/he will be placed on probation. If the student's CAP remains below 2.00 for the second consecutive semester, the student will be issued a letter of dismissal by the Registrar's Office and denied re-admission. The student may appeal against the dismissal if there are extenuating circumstances. However, each student is only allowed to appeal **once** during his/her candidature.

With the launch of Enhanced Grade-free Scheme:

- For students eligible to exercise ≥ 20 MCs of S/U options, the above continuation rules are applied from the third semester onwards
- For students eligible to exercise ≤ 12 MCs of S/U options, the above continuation rules are applied from the first semester onwards

Students who face difficulties in coping with their studies are encouraged to approach their academic mentors for guidance and support. The respective mentors will be able to guide and advise students of the various avenues where help is available. More information on the Science Academic Mentorship scheme is provided at <https://www.science.nus.edu.sg/student-life-and-services/wellness-academic-financial-support/academic-support/>

FEE POLICIES

Tuition Fee Beyond Normal Candidature

With effect from the admission cohort of AY2016/2017, students admitted into an undergraduate degree under the modular system in NUS and who take longer than the normal candidature period to complete their degree requirements will have to pay partial non-subsidized fees, culminating in full non-subsidized fees, during the extended semesters.

In view that the Ministry of Education provides a Tuition Grant to subsidize a student's tuition fees up to the normal candidature period, the tuition fee payable beyond that would be the full non-subsidized semestral fees. To mitigate the impact of higher fees, the University undertakes to charge affected students only a proportion of the full non-subsidized semestral fees pro-rated based on the MCs read in the extended semesters. In addition, the pro-rated full fees payable in the first and second semester beyond normal candidature will be capped at 120% and 150% of the subsidized semestral fees respectively.

The fees payable beyond normal candidature period are summarized in the following table:

Student Type	Semester after Normal Candidature Period	Revised fee pro-rated based on students' semester workload of x-MC
Single Degree Student	1 st	'Full [^] semestral [#] fees X Workload% ^{**} capped at 'Subsidised semestral [#] fees X 120%'
	2 nd	'Full [^] semestral [#] fees X Workload% ^{**} capped at 'Subsidised semestral [#] fees X 150%'
	3 rd onwards	Full [^] semestral [#] fees X Workload% [*]
Double Degree Student	1 st	'Full [^] semestral [#] fees X Workload% ^{**} capped at 'Subsidised semestral [#] fees X 120%'
	2 nd	'Full [^] semestral [#] fees X Workload% ^{**} capped at 'Subsidised semestral [#] fees X 150%'
	3 rd onwards	Full [^] semestral [#] fees X Workload% [*]

[^]Full (non-subsidised) fees are set out under the column "Fees payable by students not in receipt of MOE Tuition Grant" in the undergraduate fees table (refer here). [#]Semestral fees refer to half of annual tuition fees set out in the undergraduate fees table (refer here).

^{*}Given that the student reads x-MC of modules in the semester concerned, the 'Workload%' is capped at 100% if x exceeds 20MCs and xMC/20MC if otherwise, for fee computation purposes, i.e., tuition fee is pro-rated for workload < 20MCs. ^{*}9th semester for DDP (single honours) and 10th semester for DDP (double honours) (refer here).

Students who register for module(s) in the Special Term immediately following the expiry of their normal candidature period will continue to pay subsidised fees on a per module basis. However, for the Special Terms beyond that, the Special Term fees payable will be the full non-subsidised semestral fees pro-rated based on the number of MCs read.

Please refer to the [FAQ](#) which is available at

- i. <http://www.nus.edu.sg/registrar/administrative-policies-procedures/undergraduate/undergraduate-fees>
- ii. <http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/continuation-and-graduation-requirements#ResidencyRequirement>

Refund Policy

Students who apply for Leave of Absence (LOA) or leave the University, either through withdrawal of their own accord or termination of candidature by the University, after Instructional Week 2 of the semester will be liable to pay fees for the entire semester. Requests for refund will generally not be considered.

PROGRAMMES OF INTEREST

Second Majors and Minors Offered by the Faculty of Science

Science students who wish to enhance and broaden their undergraduate studies may opt for a second major or apply for minors. Please refer to the following website for more information: [Second Majors and Minors](#).

IMPORTANT REMINDER

Important information will be transmitted to students through the Faculty of Science Website <http://www.science.nus.edu.sg/> or via electronic mail.

Please note that it is your responsibility to check these channels regularly for latest updates. You are also reminded to clear your NUS Email Account regularly so that important emails can be delivered to you.

We wish you success in your studies.

Yours sincerely,

Dr NG Kah Loon
Associate Dean
Science Dean's Office

cc Dean, Vice Deans, Associate Deans & Assistant Deans, Faculty of Science
 Registrar
 Dean, Office of Student Affairs
 Director, Centre for English Language Communications
 Director of Programme, Quantitative Finance
 Director of Programme, Special Programme in Science
 Director of Programme, Computational Biology
 Director of Programme, Bachelor of Environmental Studies
 Heads of Departments of Biological Sciences, Chemistry, Food Science and Technology,
 Mathematics, Pharmacy, Physics and Statistics & Data Science, Faculty of Science
 Heads of Departments of Anatomy, Biochemistry, Microbiology and Immunology, Pathology,
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