
16 June 2023

To: All Returning Bachelor of Pharmacy students (Cohort AY2021/2022) of the Faculty of Science

Welcome back to the Faculty of Science.

Welcome back to the Faculty of Science (FoS). We hope you are enjoying your vacation and are re-charging yourself to begin your new semester of study.

This letter contains important information on the Online Course Registration through Course Registration at Education Records System (CourseReg@EduRec) for AY2022/23 Semester 1. Do read this letter carefully.

CONTENTS

IMPORTANT INFORMATION WITH REGARDS TO COVID-19	2
NUS BULLETIN AY2023/2024	2
ACADEMIC PLAN APPLICATION AND DECLARATION	3
COURSE REGISTRATION AT EDUCATION RECORDS SYSTEM (CourseReg@EduRec)	3
COURSES AND EXAMINATION TIMETABLE	4
NUS DATA PROTECTION POLICY AND PERSONAL DATA PROTECTION ACT (PDPA) GUIDELINES	4
QUALIFYING ENGLISH TEST (QET)	5
GENERAL EDUCATION (GE) CURRICULUM	5
MAXIMUM UNITS FROM LEVEL-1000 COURSES	5
DEGREE REQUIREMENTS	6
S/U OPTION ENTITLEMENT	8
CONTINUATION, PROBATION AND DISMISSAL	9
FEE POLICIES	9
PROGRAMMES OF INTEREST	11

IMPORTANT INFORMATION WITH REGARDS TO COVID-19

Courses offered within Science for Semester 1, AY2023/2024

Under the current guidelines, all our teaching venues will be operating at their full capacities. Do note that some large 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 late June 2023.

We look forward to welcoming you back in the new academic year.

Advisory on use of masks

Mask-wearing remains mandatory in the following settings:

- i. In our healthcare facilities e.g. University Health Centre, University Counselling Services, clinics, in-patient and patient-facing sessions and environments.

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 scisupport@nus.edu.sg.

Circulars for updates

Do note that 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 AY2023/2024

The NUS Bulletin for AY2023/2024 can be found in this [weblink](#). Please note that the contents of the bulletin are accurate as of 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 courses 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 October, 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 CourseReg (Course Registration). Only **one** attempt is allowed per semester, and no changes are allowed after the declaration is submitted.

COURSE REGISTRATION AT EDUCATION RECORDS SYSTEM (CourseReg@EduRec)

Course Registration at Education Records System (CourseReg@EduRec) is the University's consolidated course registration platform. The schedule for CourseReg@EduRec for AY2023/2024 Semester 1 is as follows:

Course Registration period	27 Jun – 8 Aug 2023
Tutorial Registration period	15 Aug – 17 Aug 2023
Lectures begin	14 Aug 2023
Tutorials begin	21 Aug 2023 (GE% & Writing courses) 28 Aug 2023 (all other tutorials)
Drop with 'W' grade	28 Aug 0000hrs – 01 Oct 2023 2359hrs
Drop with 'F' grade	02 Oct 2023, 0000hrs onwards

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

Select Courses Rounds

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

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

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

Assistance

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

Workload

All Single Degree students can select up to a maximum of 23 Units from Select Courses Round 0 to Round 2. From Round 3 onwards, the workload allowance will be according to the student's GPA for students from Cohorts 2012/13 and beyond.

GPA	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 is **18 Units per semester**. Students are only allowed to underload in their graduating semester, or if they are doing credit-bearing internship.

COURSES AND EXAMINATION TIMETABLE

The class and examination timetables for AY2023/24 Semester 1 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 courses with clashes in class or examination timetable. The **Faculty of Science is not supportive of timetable clash waivers**. Appeals are only considered if students require the course 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 course DP1001 NUS Data Protection Policy and Personal Data Protection Act (PDPA) Guidelines to all undergraduates.

All students are required to complete the e-training course, "E-Training Package on Student Essentials" via Canvas.

If you have questions related to NUS's 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.

- Students who obtain Band 1 will have to take ES1000 followed by ES1103
- Students who obtain Band 2 will have to take ES1103
- Students who obtain Band 3 are exempted from these English courses

Students are strongly advised to complete the required course(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

Students are required to read one course from each pillar to fulfil their GE requirements, except for Communities and Engagement which Pharmacy students are exempted from.

For Cohort AY2022/23, Pharmacy students will read SPH1901 Social and Behavioural Determinants of Health to fulfil the Singapore Studies pillar.

MAXIMUM UNITS FROM LEVEL-1000 COURSES

Before applying for graduation, please ensure you have at most 60 Units of Level-1000 courses; any excess does not count toward the total Units graduation requirements. The following courses do not count toward the 60 Units limit:

- CFG1002 Career Catalyst (2 Units)#
- CFG1004 Financial Wellbeing – Art and Science of Investing (2 Units)#
- CFG1500 Women's Professional Development Programme (2 Units)#
- ES1103 English for Academic Purposes (4 Units).
- Courses under the Design-Your-Own-Course (DYOC) initiative.
- HS1301 Workplace Communication (2 Units)^.

#Exclusion of CFG1002, CFG1004, CFG1500 from the limit on Level-1000 courses is applicable to:

- BIZ, FASS, FoS, SoC, SDE, and FoE students from Cohort AY2016/17 onwards.

^Exclusion of HS1301 from the limit on Level-1000 courses is applicable to:

- CHS students from Cohort AY2021/22 onwards.

Please refer to [link](#) for more information.

DEGREE REQUIREMENTS

Minimum Units Requirements

- i. At least 160 Units total
- ii. Minimum Units that must be earned from NUS courses
<http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/continuation-and-graduation-requirements#MinMCRequirements>
- iii. At most 60 Units of Level-1000 courses; any excess does not count toward the total Units graduation requirements. For courses that do not count toward the 60 Units limit, please refer to [link](#).

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 Unit requirement is set below that of the Major. The Second Major is a non-Honours major.

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

- Up to 16 Units (40% of the Unit 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 Units must be at Level 3000 and above
- A minimum of 60% of the Second Major requirements must be earned from courses read at NUS. Courses read at NUS include all courses taught, co-taught, supervised or co-supervised by NUS faculty member(s). These consist of graded courses or courses with an 'S' or 'CS' grade. The remaining Units may be earned through credit transfers, advanced placement and exemptions, from courses 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 requirement for a Minor is at least 20 Units, of which:

- Up to 8 Units (40% of the Unit 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 Units for any Minor must be taken from outside the entire set of courses 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 courses read at NUS. Courses read at NUS include all courses taught, co-taught, supervised or co-supervised by NUS faculty member(s). These consist of graded courses or courses with an 'S' or 'CS' grade. The remaining Units may be earned through credit transfers, advanced placement and exemptions, from courses 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 requirement for a Specialisation is at least 20 Units of higher-level courses of a specialised nature within a Major. Up to 8 Units (40% of the Unit 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 course 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, Units will only be counted once toward the minimum Unit graduation requirements.
 - d. For more information, please refer to "Double Counting of Courses" 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 courses that you have not completed and passed. These two reports act as guides to assist you with graduation checks.

The onus is on the students 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 Units in the first year, including the first two regular semesters and first year special term. If this is not fully utilised, the S/U option may be exercised in subsequent semesters, for up to 12 Units.

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 Units in the first year; if this is not fully utilized, the S/U option may still be exercised in subsequent semesters, for up to 12 Units.
- ii. Students with some prior university experience (which are being recognized towards the NUS degree) may exercise the S/U option for up to 12 Units 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 unutilised)
Newly admitted students without prior university experience. This includes students with: - Clean slate transfer from another University or Faculty - Re-admitted into NUS on a clean slate	<20 APCs	32 Units	12 Units
	≥ 20 APCs	20 Units	12 Units
Students with some prior University experience. This includes: - Transfer from another University with Units - 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 Units	12 Units
Students with a prior University degree		0 Units	0 Units

Key Points to Note

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

CONTINUATION, PROBATION AND DISMISSAL

To remain in good academic standing, and to continue in an undergraduate programme of study, a student may not have GPA below 2.00 for two consecutive semesters. For any semester in which the student's GPA falls below 2.00, s/he will be placed on probation. If the student's GPA 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 Units of S/U options, the above continuation rules are applied from the third semester onwards.
- For students eligible to exercise ≤ 12 Units 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/student-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 Units 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-Unit
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-Unit of courses in the semester concerned, the 'Workload%' is capped at 100% if x exceeds 20 Units and x Unit/20 Units if otherwise, for fee computation purposes, i.e., tuition fee is pro-rated for workload < 20 Units.

⁺ For Normal Candidature Period for DDP (single or double Honours) – refer [here](#) and related fee structure for DDP programmes refer [here](#).

Students who register for course(s) in the Special Term immediately following the expiry of their normal candidature period will continue to pay subsidised fees on a per course 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 Units read.

Please refer to the links for more details: [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 Second Majors and Minors [website](#) for more information.

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, Mathematics, Statistics and
 Data Science, Pharmacy, Food Science & Technology and Physics, Faculty of Science
 Heads of Departments of Anatomy, Biochemistry, Microbiology and Immunology,
 Pathology, Pharmacology, and Physiology, Yong Loo Lin School of Medicine
 President, Science Club