06 July 2020

To: All Science students matriculating in July 2020

Welcome to the Faculty of Science. You have made the right choice! Besides rigorous training in your choice of major discipline, you will also acquire life skills that will make you a versatile, articulate, IT-savvy, and highly employable Science graduate. For a start, we are pleased to provide you with the dates of key events and a series of useful and relevant information for your attention.

Contents

IMPORTANT INFORMATION WITH REGARD TO COVID-19

Modules offered within Science for Semester 1, AY2020/21

The Faculty of Science will be adopting a two-pronged approach to modules that are offered within Science.

- Classes with 50 or fewer students can continue to be held face-to-face, in line with the University and Government's policy and guidelines (i.e. safe distancing measures and daily temperature declarations). These include laboratory classes, field trips as well as small-scale tutorials classes. Faculty of Science students can attend face-to-face classes that are held within Science (Zone B).
- Classes that have above 50 students will be taught via e-learning.

As module coordinators may choose to teach via e-learning for classes with 50 students or lesser, students are strongly advised to check NUSMods from mid-July onwards for the class and exam timetable for Semester 1 AY20/21. Classes that are taught via e-learning will have the venue displayed as 'E-learning'. Do remember to check that all components of the module (inclusive of laboratories and tutorials) are e-learning if you are opting to read a module from a different zone (see more information on Zoning below). You may also refer to LumiNUS or approach the module coordinator of the module to find out the teaching mode and examination format of the module.

Advisory on use of masks and face shields

All students **must** always wear their mask while on campus. The mask should be close-fitting and completely cover their nose and mouth.

The use of face shields in lieu of masks are allowed for the following groups:
a.   Persons who have health conditions that may result in breathing or medical difficulties when a mask is worn for a prolonged period; and
b.   Persons who are speaking to a group in a classroom or lecture-style setting, where they largely remain at the spot where they are speaking and are able to maintain a safe distance from other persons.

The face shields must cover the wearer's entire face, from the forehead to below the chin, wrapping around the sides of the face.

Safe Distancing

Students must always maintain safe distancing of at least one metre. A gathering of up to 5 persons from the same study zone is allowed, with safe distancing measures and zoning restrictions observed.

Contact Tracing and Sensing

To facilitate NUS contact tracing, "SafeEntry" will be deployed at various buildings across NUS campuses to log the check-in of staff, students and visitors.

All students are required to download the "TraceTogether" app.

Health Declaration

New "**uNivUS**" Mobile App: Students are encouraged to install the "**uNivUS**" app through the App Store for iOS, or Google Play for Android for their twice daily declaration of their health and temperature status. They can also continue to do so via Health and Temperature Declaration System.

All students who come to campus must declare their health and temperature status in the morning before they arrive on campus. Students staying in hostels **must** declare their health and temperature status twice a day.

Zoning

Zoning across campuses has been introduced to reduce overcrowding, cross-interaction and prevent cross-infection. Students are required to stay within their designated zones for all activities.

For students who do not stay on campus

Students whose home faculty is the Faculty of Science (Zone B) are not allowed to attend face-to-face classes in other zones.

For students who stay on campus

Those who are staying on campus are designated a residential zone and a work/study zone. These students are allowed to leave their residential zone to go to their study zone for face-to-face classes.

Please refer to https://emergency.nus.edu.sg/ for the zonal map as well as information on zonal issues.

Entry Approval Required for All Long-Term Pass Holders (Student's Pass (STP) & holders of In-Principle Approval (IPA) Letter for STP)

All existing Student's Pass (STP) holders, and those who have been granted In-Principle Approval (IPA) Letter for STP, who are planning to enter or return to Singapore must obtain permission from the Ministry of Education (MOE) before commencing your journey to Singapore:

- NUS will be submitting the Entry Approval request on your behalf to MOE. However, please note that requests can only be submitted if you have completed the Overseas Travel Declaration (OTD), and it will be based on information you have declared in the OTD (e.g. arrival date). Please note that the Entry Approval is only valid for 14 days and the approval document will be sent to your NUS email account.
- You are advised not to travel to Singapore until approval has been granted by MOE.
- Those arriving in Singapore without the Entry Approval will not be allowed to clear immigration and will be required to fly out of Singapore within 48 hours at their own cost. Those who fail to comply will have their STP cancelled or STP-IPA rescinded by ICA.
- For Singapore Citizens/Singapore Permanent Residences who are planning to return to Singapore, an Entry Approval is not required. However, you will also be issued with a 14-day Stay-Home Notice (SHN) upon entry into Singapore.
- You should also check the **ICA's website** for the most updated border control measures, as well as **Ministry of Health (MOH)'s website** for the latest updates on COVID-19 in Singapore.

Stay-Home Notice (SHN) and Other Declarations (For Students Granted with Entry Approvals)

In line with prevailing Stay-Home Notice (SHN) requirements, all travelers who are granted entry approval will be placed on a 14-day SHN upon arrival in Singapore.

Those who had remained in Australia, Brunei Darussalam, Hong Kong, Japan, Macao, Germany, Mainland China, New Zealand, Republic of Korea, Taiwan and Vietnam in the last consecutive 14 days prior to their entry, will no longer have to serve their SHN at dedicated SHN facilities. Instead:
- Singapore Citizens and Permanent Residents may serve their 14-day SHN at their place of residence; and
- LTPHs may serve their 14-day SHN at a place of residence that they or their family members own or are sole tenants of; or in suitable accommodation such as a hotel, at their own cost.

Those who have been in other countries for the past 14 days will continue to serve their SHN at a dedicated SHN facility, which will be assigned by the Government upon arrival.

All travelers will be tested for COVID-19 before the end of their SHN stay.

Travelers are required to submit a health and travel declaration via the SG Arrival Card (SGAC) **e-Service** prior to their arrival. They will also need to provide their health status and recent history, as well as personal particulars and contact details.

Please refer to **MOH's FAQs** and **NUS's FAQs** for more information on Entry Approval and SHN.

Overseas Travel Declaration (OTD)

All new incoming students are required to declare their travel plans in the Overseas Travel Declaration (OTD) system before they can proceed with Registration (Part One).

Do note that the completion of OTD is mandatory for all incoming students.

New students are to login to the OTD (Applicants) system using either your:

1. Application Number and Password/PIN
2. Registration ID and Password

Students who do not complete their OTD declarations will not be able to access the following systems or services:

- LumiNUS access is blocked.
- The following services under Edurec access is blocked:
    - Research Scholarship stipend disbursement (if applicable)
    - Enrolling for modules
    - Viewing Student Status Letter
    - Viewing exam results/Academic Advisement report
    - Viewing Unofficial Transcript
    - No Official Transcript
    - Withholding Conferment letter and degree scroll (if applicable)
- ModReg access will be blocked from 23 Jul 2020 onwards.
- Student residents will not be allowed to check into their rooms.

Swab testing for students with Acute Respiratory Infection

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. Once diagnosed, you will be prioritized for COVID-19 testing which involves undergoing a swab test.

If you are unwell with respiratory symptoms, you should:
1. Consult a doctor immediately
2. Inform the doctor that you are from NUS, and show your Student ID as a proof of identity
3. Declare your health status in the Health and Temperature Declaration System

If you have been sent for swab testing, the consulting doctor will issue medical leave to you. Do not come to class/office/campus while waiting for your COVID-19 swab test results. You are to remain at home, self-isolate as much as possible, observe good personal hygiene, and monitor your health. Your test results, which will be available within three working days, will be conveyed to you by the doctor.

Please notify OSHE at swabresults@nus.edu.sg if the swab test result is positive.

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.

Joining an orientation programme is important to help students ease into University life. With support from the Student Life team, our Student Club and Academic Societies have prepared a series of orientation programmes to be held online. Students can learn how to navigate the new environment from seniors and make new friends to attend classes with. We strongly encourage you to sign-up for one soon at https://www.science.nus.edu.sg/student-life-and-services/clubs-societies/freshmen-orientation-project/.

Subscribe to our Science Dean's Office Telegram Channel for important information and updates for the coming semester.

Circulars for updates

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

FRESHMEN E-WELCOME AND CURRICULUM BRIEFING AY2020/21

All freshmen are strongly encouraged to attend the freshmen e-welcome and curriculum briefing on 17 July 2020 at 9am. This will cover a series of briefings as follow:

- Welcome Address and Introduction of Deanery, Heads of Departments and Programme Directors
- Student Life Sharing
- Introduction to NUS Modular System and the Science Curriculum
- Introduction to the (New) Module Registration System (ModReg)
- Centre for Future-ready Graduates Talk
- Faculty Safety Talk
- Student Conduct Unit Talk
- Office of Student Affairs Wellness Talk
- Science Library Talk
- Department Curriculum Briefings

REGISTRATION EXERCISE AY2020/21

The Registration Exercise for all Science & Pharmacy freshmen will be held in 2 parts and both parts are compulsory. You should have received an email from the Registrar's Office (RO) detailing the registration procedures by now. You may refer to the following links for important details on the Registration Exercise.

Registrar's Office Registration Information:
http://www.nus.edu.sg/registrar/academic-activities/registration
Registration Guide:
http://nus.edu.sg/registrar/docs/info/registration-guides/registration-guide-for-undergraduate-students.pdf

Registration (Part One)

All freshmen regardless of citizenship should have completed registration (Part One) and obtained your Student ID, PIN, NUSNET ID & NUSNET Password by now. These are personal and confidential information which should not be shared with anyone else. You will need to use the NUSNET ID and NUSNET password to access the various online systems in NUS. Freshmen under the age of 18 years at the point of completion of registration (Part One) may refer to the Registration Guide for other instructions.

Registration (Part Two)

Students are advised to read the Registration Guide for detailed instructions on this process. Briefly, the Part Two registration process will differ according to the freshmen's age and citizenship as follows:

- *Singapore Citizens and Permanent Residents above 18 years of age and with Singapore address*
  The student card will be delivered by post to your residence. Please activate your student card via the NUS Education Records System immediately so that you can access the Academic Plan Declaration within the NUS Education Records System to declare your major(s)/minor(s).

- *International Students, Singaporeans below 18 and Singaporeans without local mailing address.*

  After completion of Registration (Part One), please provide your consent for the Registrar's Office (UGRegistration@nus.edu.sg) to complete Registration (Part Two) on your behalf. After the Student Card is activated by the Registrar's Office, you may then access the Academic Plan Declaration to declare your major(s)/minor(s).

Should you encounter difficulty in completing the above-mentioned registration processes, please write to UGRegistration@nus.edu.sg or call them at 6601 2749 (From 9.00am – 12.30pm and 2.00pm – 5.30pm, Mondays to Fridays, except Public Holidays).

NUS BULLETIN AY2020/21

The NUS Bulletin for AY20/21 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

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.

IMPT: Do note that every student is to declare their Academic Plan before the start of every semester at least one day before Module Registration. Students who have not declared their Academic Plan would not be able to proceed with Module Registration.

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 AY20/21 Semester 1 is as follows:

Module Registration period	23 Jul – 6 Aug 2020
Tutorial Registration period	12 Aug – 18 Aug 2020
Lectures begin	11 Aug 2020
Tutorials begin	17 Aug 2020
Drop with 'W' grade	24 Aug 0000hrs – 27 Sep 2020 2359hrs
Drop with 'F' grade	28 Sep 2020, 0000hrs onwards

Please refer to the ModReg@EduRec website http://www.nus.edu.sg/ModReg at 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 1 is the protected round, where students will be able to select modules that can be used towards:
- Programme (Faculty, 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, you may call the Science ModReg Hotline during the module registration period at S16 Level 2. The helpdesk will only be operational during the Select Module Rounds. The contact information and operating hours of Science ModReg Hotline for AY2020/21 Semester 1 are as follows:

23 Jul 2020, Thursday – 6 Aug 2020, Thursday

Hotline: 6516 8701

Workload

All Single Degree students can select and select up to a **maximum of 23 MCs** while Double Degree students and students involve in Special Programmes can select up to a **maximum of 27 MCs** in their first semester. Students can overload from their second semester onwards.

Do note that the stipulated **minimum workload** that each student should have from AY2015/16 Semester 1 onwards is **18 MCs per semester**.

MODULE AND EXAMINATION TIMETABLE

The class and examination timetables for AY2020/21 Semester 1 can be found at the following URL from mid-Jul 2020 onwards:
https://nusmods.com/modules

The onus is on the student to map out the study plan and avoid registering for modules with clashes or 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 LumiNUS.

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.

- 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 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

COMPULSORY COMMUNICATION MODULE

The Centre for English Learning and Communication (CELC) and Faculty of Science co-developed SP1541 Exploring Science Communication through Popular Science, a compulsory module for all Science students (except Pharmacy and Environmental Studies students, USP and SPS students and students from any Residential Colleges) matriculated in AY2015/16 and beyond. Students are strongly advised to complete the module within the first year of study. Students who are required to read ES1000 and/or ES1103 should complete reading SP1541 within the first two years of study.

Please refer to the following website for more information:
https://www.science.nus.edu.sg/wp-content/uploads/2020/05/SP1541-1.pdf

GENERAL EDUCATION (GE) CURRICULUM

As part of Graduation Requirements, all students admitted from AY2015/16 (except students from Law, Medicine, Dentistry and Nursing) are required to read one General Education Module from each of the five pillars to satisfy the University Level Requirements (ULR). The five pillars are:

  i.   Human Cultures
  ii. Asking Questions[1]
  iii. Quantitative Reasoning[2]
  iv. Singapore Studies
  v.   Thinking and Expression

[1] GEQ1000 Asking Questions is the only module offered under the pillar. Ridge View Residential College (RVRC) students may read GEQ1917 Understanding and Critiquing Sustainability to fulfil the Asking Questions pillar.

[2] GER1000 Quantitative Reasoning is the only module offered under the pillar. University Scholars Programme (USP) and University Town College Programme (UTCP) students admitted from AY2016/17 are required to read GER1000. The rest of the GE requirements are fulfilled by USP/UTCP modules.

Students are strongly encouraged to complete the GE modules within the **first 2 years** of your candidature.

GER1000 & GEQ1000 module pre-allocation

GER1000 and GEQ1000 will be fully e-learning. All students, regardless of hall residents or non-hall residents will read the modules under the module code GER1000 and GEQ1000.

| | | YEAR 1 | | | | YEAR 2 | | | |
| | | Sem 1 | | Sem 2 | | Sem 1 | | Sem 2 | |
		GER	GEQ	GER	GEQ	GER	GEQ	GER	GEQ
USP		X							
Bachelor of Environmental Studies		X			X				
Data Science & Analytics		X			X				
Pharmacy & Pharmaceutical Science	UTCP or RVRC			X					
	Others	X			X				
Computational Biology		X					X		
Food Science & Technology				X	X				
Other Majors		O		O	O	O			O

*some BES students might read in different Semesters due to their study schedule (you may contact your Faculty administrators for more info

Legend

X : the module will be pre-allocated in the Semester indicated

O : the module will be pre-allocated on a random basis over the Semesters indicated

GER1000 and GEQ1000 tutorial balloting

Even though GER1000 and GEQ1000 modules are pre-allocated, you would have to ballot for tutorial classes during "Select Tutorials" Rounds 1 & 2 (refer to ModReg@EduRec schedule). The variety of timeslots available can be found in NUSMods.

During Add/Swap round, the quota for the classes will be merged. Add/Swap is on a first-come-first-served basis. If ModReg@EduRec does not swap your tutorial by the end of the Add/Swap round, it means the request was unsuccessful.

Appeals/Inquiries

By the end of the Add/Swap round, you should have secured a tutorial slot. If for any reason you have not, you may submit an appeal via Appeals/Inquiries in ModReg. This MUST be done one day after the Add/Swap round. This is to ensure you secure a tutorial slot by the end of Week 1. Students who do not have a tutorial slot by the end of Week 1, will be pre-allocated a slot from what is available and on a random basis. You may refer to the following links and contact details should you have any queries.

	GER1000	GEQ1000
Enquiries	QRadmin@nus.edu.sg	AskQ@nus.edu.sg
Website	https://wiki.nus.edu.sg/pages/viewpage.action?pageId=194740263	

COMPUTATIONAL THINKING (CT)

To remain relevant in the workplace of tomorrow, undergraduates should acquire basic computational skills, i.e. computational thinking (CT).

For FoS Students admitted in AY2017/18 onwards, the options to fulfil the CT requirement, by the respective Major Programmes are described below:

Majors	Options to fulfil Computational Thinking requirement
Computational Biology, **Data Science & Analytics,** **Mathematics & Applied Maths,** **Quantitative Finance,** **Statistics**	These Majors will continue to acquire higher-order computational and programming skills in the form of CS1010S Programming Methodology (or its variants) (within the Major's core requirement) Where the major allows CS1101S Programming Methodology to be read in place of CS1010S (or its variants), CS1101S will also fulfil the higher-order computational and programming skills requirement for the student from that major.
Life Sciences, **Pharmaceutical Science,** **Physics**	Option 1: COS2000 – Computational Thinking for Scientists or Option 2: CS1010S (or its variants) – Programming Methodology or CS1101S Programming Methodology
Chemistry, **Food Science & Technology**	Option 1: COS2000 – Computational Thinking for Scientists or Option 2: CM3267 – Computational Thinking and Programming in Chemistry or Option 3: CS1010S (or its variants) – Programming Methodology or CS1101S Programming Methodology
Pharmacy	From Cohort 2020/21 onwards, Computational Thinking requirement will be fulfilled by reading designated module(s) within the programme requirement. More information would be provided in due course.
Bachelor of Environmental Studies (BES)	All undergraduates (from FASS and FoS, in BES, inclusive of BES students in the UTCP or USP programme), will be required to do GET1031A/ GET1050 Computational Reasoning. Students may also choose to take the modules below as an alternative to fulfil the CT requirement: NM2207 Computational Media Literacy PH2213 Computation and Philosophy EC3305 Programming Tools for Economists BES students doing the UTCP at Residential College 4 (RC4) are exempted from GET1031A/GET1050 as the RC4 programme encourages explicit use of representing thinking, using computer models.

More information on CT requirements is available on

https://www.science.nus.edu.sg/wp-content/uploads/2019/11/ComputationalThinkingRequirement.pdf

FACULTY REQUIREMENTS

For more information on Faculty Level Requirements, please refer to the AY20/21 Bulletin.

OVERLAPPING AND PRECLUDED MODULES

Some modules offered may overlap substantially in content with each other. Students are discouraged from reading overlapping modules unless both are required for attaining a double major, for example. In such situation, students may be allowed to read the overlapping module, but only the modular credits and grade of one module will be counted towards the graduation requirements.

Similarly, if you have obtained approval to read a precluded module, only the modular credits and grade of one module will be counted towards your graduation requirements.

Students are expected to exercise personal responsibility to check if they are reading overlapping and/or precluded modules. When in doubt, students should consult the module coordinator or academic advisor.

DEGREE REQUIREMENTS

Minimum MC Requirements
i.   At least 120 MCs total for non-Honours students and 160 MCs total for Honours students
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 toward 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.   ES1103
        d.   Polytechnic UEM APCs
        http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/degree-requirements

Double Counting policy
i.   Ensure that you do not violate double counting policy:
        a.   For major-major, major-minor and minor-minor
        b.   GEMs cannot be used to fulfil both minor and ULR requirements.
        c.   Double counted modules can be used to fulfil faculty requirements if they are within the primary major.
        d.   No triple counting is allowed.
        e.   Even with double counting, MCs will only be counted once toward the minimum MC graduation requirements.
        f.   For more information, please refer to "Double Counting of Modules" at
              https://www.science.nus.edu.sg/wp-content/uploads/2020/02/UG_FAQ-1.pdf

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 in 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 in the first two regular semesters. 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 in the first two regular semesters; 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 anytime during their candidature, including the first two regular semesters.
iii. Students with a prior university degree are not eligible for the grade-free scheme.

Student Type		S/U Options Available	
		1st two regular semesters	Beyond 1st two semesters (if unutilized)
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 MCs	12 MCs
	≥ 20 APCs	20 MCs	12 MCs
Students with some prior University experience. This includes: - 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.
•   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. (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.
•   A Satisfactory 'S' grade is an equivalent of a 'C' grade and above.
•   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.

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 advice 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	1st	'Full^ semestral# fees X Workload%*' **capped at** 'Subsidised semestral# fees X 120%'
	2nd	'Full^ semestral# fees X Workload%*' **capped at** 'Subsidised semestral# fees X 150%'
	3rd onwards	Full^ semestral# fees X Workload%*
Double Degree Student	1st	'Full^ semestral# fees X Workload%*' **capped at** 'Subsidised semestral# fees X 120%'
	2nd	'Full^ semestral# fees X Workload%*' **capped at** 'Subsidised semestral# fees X 150%'
	3rd 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 links for more details:
FAQ which is available at
http://www.nus.edu.sg/registrar/administrative-policies-procedures/undergraduate/undergraduate-fees
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 websites for more information:
https://www.science.nus.edu.sg/education/undergraduates/curriculum/second-majors/

https://www.science.nus.edu.sg/education/undergraduates/curriculum/minors/

FRESHMEN SEMINAR MODULES

Freshman Seminars provide an unparalleled opportunity for freshmen to explore a scholarly topic of interest in a small group setting of 15 students. Students will get to work closely with faculty members and/or prominent visiting professors on topics of current interest in contemporary research and acquire independent learning as well as oral and written communication skills. The module earns 4 MCs and may be used to satisfy faculty requirements under the subject group, Multidisciplinary & Interdisciplinary Sciences. Interested students may access the following link for more information on this module:
https://myportal.nus.edu.sg/studentportal/sci/ug/Academics_FreshmanSeminars.html

Faculty of Science
Dean's Office

NUS
National University
of Singapore

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 a pleasant stay in the Faculty of Science and we look forward to seeing you at the
Freshmen e-welcome and curriculum briefing on 17 July 2020.

Yours sincerely,

A/Prof Chua Tin Chiu
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 & Applied
       Probability, 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
       Director, IT Unit
       Masters of Halls of Residence
       President, Science Club