

13 June 2022

To: All Returning Students of the Faculty of Science (Cohorts AY2020/21 and before)

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 REGARD TO COVID-19

### **Modules offered within Science for Semester 1, AY2022/23**

With the relaxation of safe management measures, teaching for undergraduate modules will mostly be conducted in-person from Semester 1, AY2022/23.

Under the current guidelines, all our teaching venues will be operating at their full capacities. We are still required to wear masks indoors, but 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 [LumiNUS/CANVAS](#) when the timetable is expected to be released in late June 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 the necessary arrangements to be physically present in Singapore before the start of AY2022/23.

### **Advisory on use of masks**

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

### **Safe Distancing**

Students are encouraged to maintain safe distancing but not mandatory. There are no limits on group size.

### **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](mailto: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.

## ACADEMIC PLAN DECLARATION

Academic Plan **Declaration** allows you to declare your major, honours, specialisations, minors, and second majors during the regular 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. You will not be allowed to add in a new second major/ minor 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](#).

**IMPORTANT:** 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 AY22/23 Semester 1 is as follows:

|                              |                                      |
|------------------------------|--------------------------------------|
| Module Registration period   | 21 Jun – 3 Aug 2022                  |
| Tutorial Registration period | 8 Aug – 16 Aug 2022                  |
| Lectures begin               | 8 Aug 2022                           |
| Tutorials begin              | 15 Aug 2022                          |
| Drop with 'W' grade          | 22 Aug 0000hrs – 25 Sep 2022 2359hrs |
| Drop with 'F' grade          | 26 Sep 2022, 0000hrs onwards         |

Please refer to the ModReg@EduRec website <http://www.nus.edu.sg/ModReg> for more information on the schedule as well as the 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 protected rounds, 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) that they wish to read for the semester.

### **Assistance**

Should you require any assistance for FOS related modules, please write to [scimr@nus.edu.sg](mailto: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 in the semester that they are doing credit-bearing internship.

## **MODULE AND EXAMINATION TIMETABLE**

The class and examination timetables for AY2022/23 Semester 1 can be found at the following URL: <https://nusmods.com/modules>

The onus is on the student, you, 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'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](mailto:dpo@nus.edu.sg).

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## QUALIFYING ENGLISH TEST (QET)

Students who have yet to take their QET will be notified by the Registrar's Office. The Centre of English Language Communications (CELC) will notify the student of their results after they have taken QET.

- Students who obtain Band 1 will have to take both ES1000 followed by ES1103.
- Students who obtain Band 2 will only have to take ES1103.
- Students who obtain Band 3 are exempted from both 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 the module within the first two years of study.

Please refer to the following website for more information:

<https://www.science.nus.edu.sg/undergraduates/general-academic-requirements-and-policies/#exploring>

## 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<sup>1</sup>
- iii. Quantitative Reasoning<sup>2</sup>
- iv. Singapore Studies
- v. Thinking and Expression

<sup>1</sup> GEQ1000 Asking Questions is the only module offered under the pillar. With effect from AY2021/2022 Semester 2, GEQ1000 Asking Questions will no longer be offered. To fulfil graduation requirements, students from cohorts AY2016 - AY2020 who have yet to pass GEQ1000 Asking Questions module by AY2021/2022 Semester 1 are required to read and pass DTK1234 Design Thinking. Ridge View Residential College (RVRC) students may read GEQ1917 Understanding and Critiquing Sustainability to fulfil the Asking Questions pillar.

<sup>2</sup> GER1000/GEA1000 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/GEA1000 and DTK1234 module pre-allocation**

All students, regardless of hall residents or non-hall residents will read the modules under the module code GER1000/GEA1000.

|  |                     | YEAR 1     |            |
|--|---------------------|------------|------------|
|  |                     | Semester 1 | Semester 2 |
|  |                     | GEA1000    | GEA1000    |
| <b>USP</b>                                   |                     | ✓          |            |
| <b>Bachelor of Environmental Studies</b>     |                     | ✓          |            |
| <b>Data Science &amp; Analytics</b>          |                     | ✓          |            |
| <b>Pharmacy &amp; Pharmaceutical Science</b> | <b>UTCP or RVRC</b> |            | ✓          |
|  | <b>Others</b>       | ✓          |            |
| <b>Computational Biology</b>                 |                     | ✓          |            |
| <b>Food Science &amp; Technology</b>         |                     |            | ✓          |
| <b>Other Majors</b>                          |                     | ✓          | ✓          |

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

Students from cohorts AY2016 - AY2020 who have yet to pass GEQ1000 Asking Questions module by AY2021/2022 Semester 1 will be preallocated DTK1234 Design Thinking.

### **GER1000/GEA1000 and DTK1234 tutorial balloting**

If you are pre-allocated GER1000/GEA1000 and/or DTK1234 in a particular Semester, it will be reflected in the ModReg system by **Select Modules : Round 1**. You will then need to ballot for a tutorial slot at **Select Tutorials : Round 1 and Round 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 that 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/GEA1000   | DTK1234  |
|--------------------------|---|--|
| Appeals                  | Submit Appeals/Inquiries in ModReg  |  |
| Module Related Enquiries | <a href="mailto:QRadmin@nus.edu.sg">QRadmin@nus.edu.sg</a>  | <a href="mailto:dtk@nus.edu.sg">dtk@nus.edu.sg</a> |
| Website                  | <a href="https://wiki.nus.edu.sg/pages/viewpage.action?pageId=194740263">https://wiki.nus.edu.sg/pages/viewpage.action?pageId=194740263</a> |  |

## 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 from AY2017/18 to AY2020/21, the options to fulfil the CT requirement, by the respective Major Programmes are described below:

| <b>Majors</b>   | <b>Options to fulfil Computational Thinking requirement</b>  |
|---|--|
| <b>Computational Biology, Data Science &amp; Analytics, Mathematics &amp; Applied Maths, Quantitative Finance, Statistics</b> | 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)<br>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.   |
| <b>Life Sciences, Pharmaceutical Science, Physics</b>   | Option 1: COS1000 or COS2000 – Computational Thinking for Scientists<br>or<br>Option 2: CS1010S (or its variants) – Programming Methodology or CS1101S Programming Methodology<br>or<br>Option 3: LSM2302 Computational Thinking for Life Sciences<br>or<br>Option 4: CS50 Introduction to Computer Science DYOM edX MOOCs   |
| <b>Chemistry, Food Science &amp; Technology</b>   | Option 1: COS1000 or COS2000 – Computational Thinking for Scientists<br>or<br>Option 2: CM3267 – Computational Thinking and Programming in Chemistry*<br>or<br>Option 3: CS1010S (or its variants) – Programming Methodology or CS1101S Programming Methodology<br>or<br>Option 4: LSM2302 Computational Thinking for Life Sciences<br>or<br>Option 5: CS50 Introduction to Computer Science DYOM edX MOOCs  |
| <b>Pharmacy</b>   | It has been decided that the undergraduates for Cohort 2017/18 would be exempted from taking separate CT modules.<br><br>For Cohort AY2018/19 to AY2020/21, to read one of the following as an Unrestricted Elective module:<br>Option 1: COS1000 or COS2000 – Computational Thinking for Scientists<br>or<br>Option 2: CS1010S (or its variants) – Programming Methodology or CS1101S Programming Methodology<br>or<br>Option 3: LSM2302 Computational Thinking for Life Sciences<br>or<br>Option 4: CS50's Introduction to Computer Science DYOM edX MOOCs |



|  |  |
|--|--|
| <b>Bachelor of Environmental Studies (BES)</b> | All undergraduates (from FASS and FoS, in BES, inclusive of BES students in the UTCP or USP programme), will be required to do GET1050 Computational Reasoning. Students may also choose to take the modules below as an alternative to fulfil the CT requirement:<br>NM2207 Computational Media Literacy<br>PH2213 Computation and Philosophy<br>EC3305 Programming Tools for Economists<br>BES students doing the UTCP at Residential College 4 (RC4) and have read a Junior Seminar module (i.e., UTC1702%) are exempted from GET1050 as the RC4 programme encourages explicit use of representing thinking, using computer models. |
|--|--|

Note: As CS50 Introduction to Computer Science from EdX is not equivalent to CS1010S (or its variant), CS50 will not serve as pre-requisite for higher computing modules. Also, there is a one-way preclusion in place, where students who have read CS50 will be precluded from reading CS1010S. Students who are required to read CS1010S (or its variant) as part of their majors/second majors/minors are to take CS1010S (or its variant) instead of CS50. For students who have taken CS50's but requires to read CS1010S (or its variant) as part of their majors/minors, please write in to SOC to be allowed to take CS1010S (or its variant) and credit will be recognised only for CS1010S (or its variant) but not CS50's. Please also note that the number of credits transferred for CS50 is subjected to the maximum 8 MCs allowed for DYOM. For example, if a student has already completed 5 MCs worth of edX MOOCs, only 3 MCs (and not 5 MCs) can be counted for CS50.

More information on CT requirements is available on <https://www.science.nus.edu.sg/undergraduates/general-academic-requirements-and-policies/#computational>

## FACULTY REQUIREMENTS

For more information on Faculty Level Requirements, please refer to

<https://www.science.nus.edu.sg/undergraduates/general-academic-requirements-and-policies/#faculty>

## 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 essentials and are required for attaining a double major/minor.

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.

## S/U OPTION ENTITLEMENT

### 1. FOR COHORTS MATRICULATED IN AY2016/17 AND AFTER

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 year, including the first two regular semesters and first year special term. If this is not fully utilized, 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 year; if this is not fully utilized, 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 recognized towards the NUS degree) may exercise the S/U option for up to 12 MCs 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 <sup>st</sup> Year  | Beyond 1 <sup>st</sup> Year<br>(if unutilized) |
| Newly admitted students without prior university experience. This includes students with:<br>- Clean slate transfer from another University or Faculty<br>- 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:<br>- Transfer from another University with credits<br>- From partner Universities whose first year of study is not at NUS<br>- 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.
- CM2122, CM2133, CM2143, FST2109, LSM2105, LSM2106, LSM2107 (for Cohorts AY2016/17 to AY2020/21)
- 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 above mentioned 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.
- 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.

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## FILE FOR HONOURS PROJECT

Students matriculated in AY2017/18 and beyond who intend to start Honours in their chosen major in Semester 2, AY2022/23, must file for Honours within 3 days upon the day of release of exam results of this semester (Semester 1, AY2022/23). Students will be notified via email on the day of release of exam results of this semester to indicate their intention by filing up a form.

More details will be given on the day of release of exam results.

To qualify for commencing Honours in Semester 2, AY2022/23, you must have an overall CAP of at least 3.20, fulfilled 100 MCs or more, and have completed the major requirements under the B.Sc. degree by the end of Semester 1, AY2022/23.

Students who filed for Honours will be promoted to SCI4 (Honours Year) if they meet the above requirements.

### **For Pharmacy, Data Science & Analytics, Computational Biology and Environmental Studies Students:**

Please note that Pharmacy, Data Science & Analytics, Computational Biology and Environmental Studies students are not required to file for Honours project. Separate instructions/information on Honours project registration for these programmes will be given to you by your respective department/programme coordinator.

### **For students on SEP/SUSEP/ NOC in Semester 1, AY2022/23:**

Students who are on SEP/SUSEP/NOC in Semester 1, AY2022/23 and **do not** require their credits to start Honours project in Semester 2, AY2022/23 can file for Honours within 3 days upon the day of release of exam results of this semester (Semester 1, AY2022/23). Students will be notified via email on the day of release of exam results of this semester to indicate their intention by filing up a form.

On the other hand, students who are on SEP/SUSEP/NOC in Semester 1, AY2022/23 and require their credits to start Honours in Semester 2, AY2022/23 will need to file to start Honours **unofficially** within 3 days upon the day of release of exam results of this semester (Semester 1, AY2022/23). Students will be notified via email on the day of release of exam results of this semester to indicate their intention by filling up a form.

More details will be given on the day of release of exam results.

## MAXIMUM MODULAR CREDITS FROM LEVEL-1000 MODULES

Before applying for graduation, please ensure you have 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. Modules under the Design-Your-Own-Module (DYOM) initiative
- d. ES1103
- e. Polytechnic UEM APCs  
<http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/degree-requirements>

## APPLY FOR GRADUATION (AFG)

Please read the following information carefully.

### **Students on Single Degree Programme**

Students who intend to graduate by the end of Semester 1, AY2022/23 **must** apply for graduation online. You may go to "Apply for Graduation" via myEduRec from **21 Jul to 3 Aug 2022**.

Please refer to <https://myportal.nus.edu.sg/studentportal/academics/ug/aa-afg.html> for more information on AFG and 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 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.**

Before applying for graduation, you must ensure that you have:

- ii. At least 120 MCs total for non-Honours students and 160 MCs total for Honours students
- 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. Modules under the Design-Your-Own-Module (DYOM) initiative  
<http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/design-your-own-module>
  - e. Polytechnic UEM APCs  
<http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/degree-requirements>
- iv. Ensure that you meet the 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>
- v. Fulfilled all graduation requirements (such as English Skills modules, ULR, Science Faculty requirement, Computational Thinking etc.), **and**
- vi. For Honours students only – If you intend to graduate with a specialization, please check and ensure that you have declared it correctly.
- vii. For Honours and non-Honours students – please check and ensure that you have declared the right minor(s)/second major, if any.
- viii. Ensure that you do not violate double counting policy:  
<http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/special-programmes/double-major-programmes> and  
<http://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/special-programmes/minor-programmes>
  - 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/undergraduates/curriculum/faqs/>

**You are reminded to update your declaration of major(s), specialization and/or minor(s), and remove those that you no longer want. Otherwise, the AFG check will indicate that you do not satisfy the requirements of the major(s), specialization and/or minor(s) declared, and you may not be allowed to graduate at the end of Semester 1, AY2022/23.**

**It is important that students apply for graduation via myEduRec. Students who do not apply for graduation online by **3 Aug 2022** may have to delay their graduation till Semester 2, AY2022/23**

Students are strongly advised to refer to the graduation requirements available on Faculty of Science Website and the Bulletin. Their URLs are below for your quick reference.

- [Faculty of Science Website:](#)
- [Bulletin](#)
- [NUS Student Portal:](#)
- [Science Faculty requirements](#)

Should you have enquiries on the requirements of majors and minors, please contact the departments offering the majors and minors directly.

#### **Students on Double Degree Programme (DDP)**

Students who intend to graduate by the end of Semester 1, AY2022/23 **must** apply for graduation online. "Apply for Graduation" via EduRec from 21 Jul to 3 Aug 2022.

Please note that the 60MCs limit on Level 1000 modules is applicable to all modules counted towards DDP. You must also ensure that you have fulfilled all graduation requirements and have declared your major(s), specialization(s) and minor(s), if any, correctly.

*Please email Science Dean's Office at [sciffq@nus.edu.sg](mailto:sciffq@nus.edu.sg) if you need further clarifications on AFG matters.*

## ACADEMIC WARNING, PROBATION & DISMISSAL

### 1. For cohort matriculated in AY2015/16 and before

For any semester in which the student's CAP falls below 2.00 (but  $\geq 1.50$ ), that student will be issued an academic warning. If in the following semester, the student's CAP again falls below 2.00, he/she will be placed on probation. If the student's CAP remains below 2.00 for the third consecutive semester, the student will be issued a letter of dismissal by the Registrar and denied re-admission.

For students whose CAP falls below 1.50 for two consecutive semesters, they will be placed on probation for the first semester, followed by dismissal in the second semester.

The Table below summarizes the abovementioned rules on Academic Warning, Probation and Dismissal.

| Academic Status  | CAP   |
|------------------|---|
| Academic Warning | $1.50 \leq \text{CAP} < 2.00$ for the first time  |
| Probation        | CAP $< 1.50$ for the first time<br>OR<br>CAP $< 2.00$ in subsequent semester for students with $1.50 \leq \text{CAP} < 2.00$ in the previous semester<br>OR<br>$1.50 \leq \text{CAP} < 2.00$ in subsequent semester for students with CAP $< 1.50$ in the previous semester |
| Dismissal        | CAP $< 1.50$ for 2 consecutive semesters<br>CAP $< 2.00$ for 3 consecutive semesters  |

### 2. For cohort matriculated in AY2016/17 and after

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 1.00 for the second consecutive semester, the student will be issued a letter of dismissal by the Registrar's Office and denied re-admission.

With the launch of Enhanced Grade-free Scheme:

- For students eligible to exercise  $\geq 20$  MCs of S/U options, the above continuation rules are applied from the third semester onwards.
- For students eligible to exercise  $\leq 12$  MCs of S/U options, the above continuation rules are applied from the first semester onwards.

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.

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

### **FEE REBATE POLICY**

For more information, please refer to the [FAQ](#) which is available at <http://www.nus.edu.sg/registrar/administrative-policies-procedures/undergraduate/undergraduate-fees>

### **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 <sup>st</sup>                          | 'Full <sup>^</sup> semestral <sup>#</sup> fees X Workload% <sup>*1</sup> capped at Subsidised semestral <sup>#</sup> fees X 120%' |
|                       | 2 <sup>nd</sup>                          | 'Full <sup>^</sup> semestral <sup>#</sup> fees X Workload% <sup>*1</sup> capped at Subsidised semestral <sup>#</sup> fees X 150%' |
|                       | 3 <sup>rd</sup> onwards                  | Full <sup>^</sup> semestral <sup>#</sup> fees X Workload% <sup>*</sup>  |
| Double Degree Student | 1 <sup>st</sup>                          | 'Full <sup>^</sup> semestral <sup>#</sup> fees X Workload% <sup>*1</sup> capped at Subsidised semestral <sup>#</sup> fees X 120%' |
|                       | 2 <sup>nd</sup>                          | 'Full <sup>^</sup> semestral <sup>#</sup> fees X Workload% <sup>*1</sup> capped at Subsidised semestral <sup>#</sup> fees X 150%' |
|                       | 3 <sup>rd</sup> onwards                  | Full <sup>^</sup> semestral <sup>#</sup> fees X Workload% <sup>*</sup>  |

<sup>^</sup>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).

<sup>#</sup>Semestral fees refer to half of annual tuition fees set out in the undergraduate fees table (refer here).

<sup>\*</sup>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. <sup>\*9</sup>th 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 following links for more details:  
[FAQ](#) which is available at



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<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/>

### **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 & 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  
        Masters of Halls of Residence  
        President, Science Club