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27 June 2019

To: All Science students matriculating in July 2019

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.

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## DEAN'S WELCOME TEA AY2019/20

All freshmen are strongly encouraged to attend the tea session on 17 July 2019 at 830am. The tea session will cover a series of briefings as follow:

- Student Life Introduction by Science Club
- Introduction to NUS Modular System and the Science Curriculum
- Introduction to the (New) Mod-Reg System
- Welcome Address and Introduction of Deanery, Heads of Departments and Programme Directors
- Safety Talk
- CFG Talk
- Library Talk
- Department Curriculum Briefings

Please collect your set of NUS Emergency Preparedness Package (EPP) during the Dean's Welcome Tea.

## REGISTRATION EXERCISE AY2019/20

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/event/registration.html>

Registration Guide:

<http://www.nus.edu.sg/registrar/info/info/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 <https://myedurec.nus.edu.sg> 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.*

Please complete the registration in person at University Town, Town Plaza, Auditorium 1 on 23 July 2019 to collect your student card. Students are to report according to the schedule stated in the Registration Guide. 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](mailto:UGRegistration@nus.edu.sg) or call them at 6601 2749 (6 June to 26 July 2019, Mondays to Fridays, except Public Holidays) or 6516 2301 (27 July 2019 onwards, Mondays to Fridays, except Public Holidays).

## NUS BULLETIN AY2019/20

The NUS Bulletin for AY19/20 can be found in this weblink: <http://www.nus.edu.sg/nusbuletin/>

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 DECLARATION

Academic Plan Declaration allows you to declare your major, honours, specialisations, minors, and second majors 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/registrar/info/modreg/AcadPlan\\_userguide.pdf](http://www.nus.edu.sg/registrar/info/modreg/AcadPlan_userguide.pdf)

## MODULE REGISTRATION AT EDUCATION RECORDS SYSTEM (ModReg@EduRec)

Module Registration at Education Records System (ModReg@EduRec) is the University's new consolidated module registration platform. The schedule for ModReg@EduRec for AY19/20 Semester 1 is as follows:

Module Registration period	25 Jul – 8 Aug 2019
Tutorial Registration period	7 Aug – 15 Aug 2019
Lectures begin	13 Aug 2019
Tutorials begin	26 Aug 2019
Drop with 'W' grade	26 Aug 0000hrs – 29 Sep 2019 2359hrs
Drop with 'F' grade	30 Sep 2019 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**

You may register for modules online via any computer with internet access. Students who prefer to do the online registration in the Faculty may proceed to S16 Level 5 Computer Lab.

Should you require any assistance, please approach the Science ModReg Helpdesk 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 Helpdesk for AY2019/20 Semester 1 are as follows:

25 Jul 2019, Thursday – 8 Aug 2019, Thursday

Hotline: 6516 8701

Monday – Thursday	0900 – 1730 hrs
Friday	0900 – 1630 hrs
29 <sup>th</sup> July, 2 <sup>nd</sup> Aug, 8 <sup>th</sup> Aug	0900 – 1200 hrs

\*closed on the days when the rounds are not open

***Please bring along your NUSNET ID and NUSNET Password during the module registration period. Students should not reveal their login/email passwords to anyone. Disciplinary action will be taken against those who do so.***

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

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## MODULE AND EXAMINATION TIMETABLE

The class and examination timetables for AY2019/20 Semester 1 can be found at the following URL from 4 Jul 2019 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](mailto:dpo@nus.edu.sg).

## QUALIFYING ENGLISH TEST (QET)

Students will be notified by the Centre for English Language Communications (CELIC) of your 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 (CELIC) 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:

<http://www.science.nus.edu.sg/images/LandingPage/Education/UG/Curriculum/ES1541SP1541.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<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. Ridge View Residential College (RVRC) students may read GEQ1917 Understanding and Critiquing Sustainability to fulfil the Asking Questions pillar.

<sup>2</sup> 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 pre-allocated based on the student's major, except USP students who will be pre-allocated GER1000 in Year 1 Semester 1 regardless of their Major.

Major		GER1000	GEQ1000
Bachelor of Environmental Sciences Data Science & Analytics Pharmacy		Year 1 Sem 1	Year 1 Sem 2
Computational Biology		Year 1 Sem 1	Year 2 Sem 1
Food Science & Technology		Year 1 Sem 2	
All Other Majors	Non-Hall Students	Year 1 Sem 1 or 2	Year 1 Sem 2 or Year 2 Sem 1 or 2
	Hall Students*	Year 1 Sem 1	Year 1 Sem 2

\* Hall residents will attend tutorials at their Halls, if they are reading GER1000 in Year 1 Semester 1 and GEQ1000 in Semester 2. Halls include Kent Ridge, Sheares, Eusoff, Raffles, King Edward VII, Temasek and Prince George's Park House.

### 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.

	<b>GER1000</b>	<b>GEQ1000</b>
Enquiries	<a href="mailto:QRadmin@nus.edu.sg">QRadmin@nus.edu.sg</a>	<a href="mailto:AskQ@nus.edu.sg">AskQ@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 in AY2017/18 onwards, 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)  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: COS2000 – Computational Thinking for Scientists or Option 2: CS1010S (or its variants) – Programming Methodology or CS1101S Programming Methodology
<b>Chemistry, Food Science &amp; Technology</b>	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
<b>Pharmacy</b>	It has been decided that the undergraduates for Cohort 2017/18 would be exempted from taking separate CT modules.

	<p>For Cohort AY2018/19 and after, to read one of the following as an Unrestricted Elective module:</p> <p>Option 1: COS2000 – Computational Thinking for Scientists or Option 2: CS1010S (or its variants) – Programming Methodology or CS1101S Programming Methodology</p>
<p><b>Bachelor of Environmental Studies (BES)</b></p>	<p>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:</p> <p>NM2207 Computational Media Literacy PH2213 Computation and Philosophy EC3305 Programming Tools for Economists</p> <p>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.</p>

More information on CT requirements is available on <http://www.science.nus.edu.sg/images/LandingPage/Education/UG/Curriculum/ComputationalThinkingRequirement.pdf>

## 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. Please refer to the following links for the list of precluded and overlapping modules.  
<http://www.science.nus.edu.sg/images/undergraduate/acadprog/Overlap-S2-AY201718.pdf>  
<http://www.nus.edu.sg/nusbuletin/>



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

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**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  $\geq 20$  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.

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 <http://www.science.nus.edu.sg/studentlife/ams>

## FEE POLICIES

### FEE REBATE POLICY

With effect from AY2014/15, a rebate in tuition fees paid in excess of the total fees for the stipulated candidature period may be granted to eligible students who graduate on time within the stipulated candidature period.

A student is eligible for tuition fee rebate if s/he meets all of the following conditions:

- i. Admitted into an undergraduate degree under the modular system in NUS from AY2014/2015;
- ii. Completed NUS modules during the following period(s):
  - prior to the undergraduate candidature (e.g. NUS iBLOC, NUS H3 subjects, NUS modules taken as NUS High School students, and NUS modules taken under the Polytechnic Advanced Placement Programmes); and/or
  - during Special Terms within the undergraduate candidature;
- iii. Paid tuition fees in excess of the fees for completing the undergraduate degree programme on time in the candidature period applicable for fee rebate (as defined in the table below).

Degree Type	Candidature Period for Fee Rebate <sup>#</sup>
Single Degree/ Joint Degree Programme (120 MCs)	6 consecutive semesters
Single Degree/ Joint Degree Programme (160 MCs)	8 consecutive semesters
Double Degree Programme	9 consecutive semesters

<sup>#</sup> Include all approved Leave of Absence (LOA) periods, except those given for medical reasons.

### 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%'

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	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>\*</sup>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:

<http://www.nus.edu.sg/registrar/education-at-nus/undergraduate-education/fees.html#TuitionFeebeyondNormalCandidature>

<https://share.nus.edu.sg/registrar/student/info/FAQ-on-Tuition-Fee-beyond-Normal-Candidature.pdf>

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## 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:

<http://www.science.nus.edu.sg/undergraduate-studies/ugprog/second-majors>

<http://www.science.nus.edu.sg/education/undergraduate/ug-programmes/science-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](https://myportal.nus.edu.sg/studentportal/sci/ug/Academics_FreshmanSeminars.html)

### **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 Dean's Welcome Tea on 17 July 2019.

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, Food Science & Technology  
        Director of Programme, Computational Biology  
        Director of Programme, Bachelor of Environmental Studies  
        Heads of Departments of Biological Sciences, Chemistry, Mathematics, Statistics & Applied  
        Probability, Pharmacy, 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  
        Presidents, Science Club & Science CBLC