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27 June 2017

To: All Science students matriculating in July 2017

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.

### **DEAN'S WELCOME TEA AY2017/18**

All freshmen are strongly encouraged to attend the tea session which will take place on **19 July 2017**. 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 Centralised Online Registration System (CORS)
- Department Curriculum Briefing

### **REGISTRATION EXERCISE AY2017/18**

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 the student's residence. Please activate your student card via the NUS Student Information System <https://myisis.nus.edu.sg/psp/cs90prd/?cmd=login> immediately so that you can access the Centralized Online Registration System (CORS) when it opens from **27 July 2017** to declare your major(s)/minor(s).
- *Singapore Citizens and Permanent Residents below 18 years of age, above 18 years of age without Singapore address, and International Students*

Please complete the registration in person at the Registration Centre @ University Town, Town Plaza, Auditorium 1 on **31 July 2017** to collect your student card and other documents where applicable. Students are to report according to the schedule stated in the Registration Guide. You may then access CORS to declare your major(s)/minor(s).

Should you encounter difficulty in completing the above-mentioned registration processes, please write to UG Registration [ugregistration@nus.edu.sg](mailto:ugregistration@nus.edu.sg) or call them at 66012749 (6 June to 4 August 2017, Mondays to Fridays, except Public Holidays) or 6516 2301 (7 August 2017 onwards, Mondays to Fridays, except Public Holidays).

### **NUS BULLETIN AY2017/18**

The bulletin contains details of modules offered in NUS: <http://www.nus.edu.sg/registrar/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/>

### **CENTRALISED ONLINE REGISTRATION SYSTEM (CORS)**

The schedule for Online Module Registration for Semester 1, AY2017/18 is as follows:

Module registration period	27 July 2017 (Thurs) – 15 August 2017 (Tues)
Lectures begin	14 August 2017 (Mon)
Tutorial registration for selected Physics Level 1000 Modules, GER1000 and GEQ1000	14 August 2017 (Mon) – 18 August 2017 (Fri)
Tutorial registration for all other modules	18 August 2017 (Fri) – 25 August 2017 (Fri)
Tutorials begin	28 August 2017 (Mon)
Drop with 'W' & no refund of points	28 August 2017 (Mon) 0000hrs – 1 October 2017 (Sun) 2359hrs
Drop with 'F' & full refund of points	2 October 2017 (Mon) 0000hrs onwards

Please refer to the CORS website at <http://www.cors.nus.edu.sg/> for more information.

#### Major/Minor Declaration

You will be prompted by the system for Major/s and Minor/s declaration upon the first login. 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 may amend your declaration each semester during the first login to CORS. No amendment is allowed **beyond the fifth semester of study**.

#### Bidding

Always bid for module(s) in earlier rounds. If you are able to see your desired non-Science modules available for bidding under the 'Regular' modules category, please proceed to select them for bidding. The category under which you bid for the module and the module type code set for CORS will **not** affect how the module will be used for your graduation requirements.

#### 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 S16-05-101 Computer Lab.

Should you require any assistance, please approach the Science Computer Based Learning Centre (CBLC) Helpdesk during the module registration period at S16 Level 2. The contact information and operating hours of Science CBLC Helpdesk for Semester 1, AY2017/18, are as follow:

27 July 2017 (Thurs) – 11 August 2017 (Fri)  
 Hotline - 6516 8701  
 Email - [helpdesk@science.nus.edu.sg](mailto:helpdesk@science.nus.edu.sg)

Monday – Thursday	0900 – 1730 hours
Friday	0900 – 1630 hours
Weekends & University/Public Holidays	Closed

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

Life Sciences students may also approach the Life Sciences Operating Centre (LSOC) helpdesk located at the Department of Biological Sciences Administrative Office Block S3 Level 5 from 31 July 2017 (Mon) to 15 Aug 2017 (Tues) during the following working hours.

Monday – Friday	AM: 9 AM – 11:30 AM; PM: 2 PM – 4:30 PM
Weekends & University/Public Holidays	Closed

All information on Life Sciences Undergraduate Programme and LSM modules is available at <http://www.lifesciences.nus.edu.sg/>

#### Workload

All Single Degree students can select and bid up to a **maximum of 23 MCs** while Double Degree students and students involve in Special Programmes can select and bid up to a **maximum of 27 MCs**. 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 AY2017/18 Semester 1 can be found at the following URL: <https://myaces.nus.edu.sg/cors/jsp/report/ModuleInfoListing.jsp>

The onus is on the student to map out their study plan and avoid registering for modules with clashes in class or examination timetable. Students may use the NUS Timetable Builder to generate your own personalized timetable: <https://webrb.nus.edu.sg/ctt/builder.aspx>

#### **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 modules, but only the modular credits of one will be counted towards the graduation requirements.

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

Students are expected to exercise personal responsibility to check if they are reading overlapping or precluded modules. When in doubt, students should consult the module coordinator or an academic advisor. Please refer to the following links for the list of precluded and overlapping modules.

- <http://www.science.nus.edu.sg/undergraduate-studies/ugreq/curriculum-structure/186-undergraduate/ugreq/curriculum-structure/218-overlapping-modules>
- <http://www.nus.edu.sg/registrar/nusbuletin/>

### **QUALIFYING ENGLISH TEST (QET)**

Students will be notified by the Centre for English Language Communications (CELC) 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 AY2017/18 Semester 1 and ES1103 in AY2017/18 Semester 2. For students who are required to read only ES1103, you may read it during Semester 1 or Semester 2 of AY2017/18. Please refer to the CELC website for more information: <http://www.nus.edu.sg/celc/programmes/get.php>.

### **COMPULSORY COMMUNICATION MODULE**

The Centre for English Learning and Communication (CELC) and Faculty of Science have co-developed a module SP1541 *Exploring Science Communication through Popular Science*. This is 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 try to complete the module within the first two years of study. Please refer to the following website for more information:

<http://www.science.nus.edu.sg/undergraduate-studies/ugreq/curriculum-structure/186-undergraduate/ugreq/curriculum-structure/708-es1541>.

### **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. Please note that students who have read/selected 1 module in a particular pillar are **not** allowed to bid for a 2<sup>nd</sup> module from the same pillar until bidding Round 2B, subject to module availability.

### **GEQ1000 & GER1000 module pre-allocation**

GEQ1000 and GER1000 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 Science 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.

### GEQ1000 & GER1000 tutorial balloting

Despite GER1000 and GEQ1000 being pre-allocated, students have to ballot for tutorial classes during Tutorial Iteration 1 from **14 to 18 Aug 2017**. Students may rank up to **20** tutorial timeslots (1 being highest priority).

14-Aug-17 (Mon)	15-Aug-17 (Tue)	16-Aug-17 (Wed)	17-Aug-17 (Thurs)	18-Aug-17 (Fri)
Tutorial Iteration 1	Tutorial Iteration 1	Tutorial Iteration 1	Tutorial Iteration 1	Tutorial Iteration 1
Balloting Round 1A	Balloting Round 1B	Add/Drop/Swap	Manual Registration	Manual Registration

- Quota of each tutorial timeslot is available at <http://www.nus.edu.sg/cors/useful-info.html>
- Hall residents may **only** ballot for tutorials at their Halls if they are reading GER1000 in Year 1 Semester 1 and GEQ1000 in Semester 2.
- Add/Drop/Swap is on first-come-first-served basis
- Manual Registration will take place at University Hall, Tan Chin Tuan Wing, Level 1, Room T101 from 9AM to 5PM
- Students who are not pre-allocated with any slots by the end of manual registration will be pre-allocated on random basis
- GER1000 tutorial begins on instructional week 2. GEQ1000 tutorial begins on instructional week 3
- Students may refer to the following links and contact details should you have more queries.

	GER1000	GEQ1000
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>
Module Websites	<a href="http://goo.gl/nZ7QzB">http://goo.gl/nZ7QzB</a>	<a href="https://goo.gl/lugDmj">https://goo.gl/lugDmj</a>

### 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	
		First two regular semesters	Beyond first two regular semesters (if unutilised)
Newly admitted students without prior University experience. This also 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%)

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 & 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 advise 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/students/ams>.

## **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).

S/N	Degree Type	Candidature Period for Fee Rebate <sup>#</sup>
1	Single Degree/ Joint Degree Programme (120 MC)	6 consecutive semesters
2	Single Degree/ Joint Degree Programme (160 MC)	8 consecutive semesters
3	Double Degree Programme (DDP)	9 consecutive semesters

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

Please refer to the link for more details: <https://share.nus.edu.sg/registrar/student/info/FAQ-on-Fee-Rebate-Policy.pdf>

## **PROGRAMMES OF INTEREST**

### **1) Second Majors offered by FoS**

Science students who wish to enhance and broaden their undergraduate studies may opt for a second major. Please refer to the following website for more information:

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

### **2) Freshman Seminar**

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 **19 July 2017.**

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