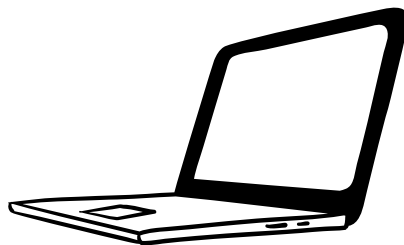


FAQ GUIDE

This document provides answers to a variety of questions asked by SoC freshmen at the faculty course briefings for Undergraduate Studies.

The questions and answers have been organized into various topics.

NUS SCHOOL OF COMPUTING



The information in this FAQ document is provided for general reference only. Readers are reminded to refer to up-to-date information that may come in the form of website or email communications.

For specific advice, seek professional assistance via [mySoC Applications](#) with a request ticket.

1. PRE-ALLOCATED COURSES

1.1. Will all of our courses be pre-allocated at first semester?

Computing freshmen will be pre-allocated up to 3 courses in the first semester. You can check via CourseReg - [View My Classes]

You will need to register for the other courses to meet the minimum workload requirement.

The user guide on CourseReg for students can be found here: [CourseReg-Student-User-Guide.pdf \(nus.edu.sg\)](#)

1.2. What are the pre-allocated courses?

It will be dependent on your course of study. You may check for details via the CourseReg - [View My Classes] to find out more on allocated ones.

1.3. Are the pre-allocated courses lecture slots already fixed or can we choose them after round 1 of bidding?

Pre-allocated courses come with lecture slots which you do not need to bid for separately.

However, note that you still need to bid for tutorials/labs/recitations, etc.

1.4. Can I drop a pre-allocated course (seen on CourseReg) and rebid for another one in my first semester?

Yes, you can drop your course via CourseReg. However, pre-allocated courses once dropped, will not be reinstated by administrator again. Please drop with care!!!

Please check Vacancy Report at [CourseReg @ EduRec \(nus.edu.sg\)](#) before making decisions as the course quotas are not sufficient to serve the whole cohort in a single semester.

1.5. For changing of lecture group for pre-allocated course, do we have to drop it and rebid, or do we submit an appeal?

If you decide to change the lecture group of pre-allocated courses, you will need to drop the course via CourseReg. Please remember to check [Vacancy Report](#) first because there may not be any more seats for you to bid in the group you prefer.

1.6. How do I drop my pre-allocated course on CourseReg?

Please refer to the user guide: [CourseReg-Student-User-Guide.pdf \(nus.edu.sg\)](#)

1.7. Is it possible to write in to SoC to further pre-allocate more courses?

Generally, no. Pre-allocation is meant only for required courses.

1.8. Can I clarify when will the pre-allocated courses be released?

Please check regularly via CourseReg – [View My Classes] to check on the pre-allocated courses.

1.9. In CourseReg under [View My Classes], I am currently pre-allocated 2 courses. However, under Academic Records > View courses, I am only shown one of those courses, may I know which to follow?

Sometimes, the records are not synchronised on time because the synchronisation of course enrolment from CourseReg staging to EduRec and to Canvas is done in batches. You may wish to check again later. If the inconsistency remains, please file a request using the correct queue at [mySoC Applications](#).

1.10. At what point (what date) should we begin reaching out if we have no or not all 3 courses pre-allocated on myEduRec/CourseReg?

By CourseReg Round 1.

The schedule is available via: [CourseReg @ EduRec \(nus.edu.sg\)](#)

1.11. Will there be a few courses pre-allocated to us in the future as well?

The Office of Undergraduate Studies only performs course pre-allocation for the first semester of study as students progress with their own study plan in second semester and after.

1.12. May I drop the preallocated MA15xx courses to MA20xx?

You will not be able to change MA15xx to MA200x unless you are enrolled in DDP in CS/AI and Maths. There are no seats allocated for Computing students to bid in MA2001 and MA2002 and you are required to read the ones prescribed in your degree requirements.

2. COURSE BIDDING

2.1. When can we start bidding for our courses?

You can do so from CourseReg Round 1 after completing the Academic Plan Declaration Exercise. Please complete this step at least 24 hours in advance before you can access CourseReg features.

2.2. Do we choose the tutorial and lab sessions during the round 1 of course registration?

No, selection of tutorial and lab sessions is during "Select Tutorials/Labs Round 1" instead.

Do check schedule at: [CourseReg @ EduRec \(nus.edu.sg\)](#)

2.3. Am I allowed to take Design Your Own Course DYOC (via edX MOOCs or AI4I MOOC) in Semester 1?

Regarding edX MOOCs:

From AY2025/26, students will no longer be able to seek reimbursement for and gain course units through enrolling in and completing edX courses under DYOC. The FAQs for these changes are provided [here](#), while the general FAQs for the DYOC scheme can be found [here](#)

Regarding AISG's AI4I MOOC:

From AY2025/26, students will no longer be able to gain course units through enrolling in and completing AI For Industry (AI4I) courses under DYOC. Learners will have to subscribe to Datacamp at their own cost from 1st September 2024 or whenever AISG's complimentary coupons run out, whichever comes earlier. The FAQs for this change are provided [here](#).

2.4. For CourseReg, will the Vacancy Report for Round 1 be updated before or after the round?

The vacancy report is available at the start of each round. You may refer to [CourseReg @ EduRec \(nus.edu.sg\)](https://nus.edu.sg/course-reg) for details.

2.5. On what basis are the courses allowed in each round, is it first come first serve or are there any other criteria?

There is an algorithm for allocation of courses to students based on their degree requirements. Please access [CourseReg @ EduRec \(nus.edu.sg\)](https://nus.edu.sg/course-reg) to understand the allocation principles.

3. OVERLOADING/UNDERLOADING

3.1. What is the workload for a freshman? How many units can I take?

Students may only read up to a maximum of 23 units during the first semester and 27 units for students on specific special programmes like NUS College, double degree programmes, concurrent degree programmes, College of Design and Engineering's Engineering Scholars Programme, Faculty of Science's Special Programme in Science and students in Residential College programmes reading cross-disciplinary degree programmes in Bachelor of Environmental Studies (Hons), Bachelor of Science (Hons) with Major in Data Science and Economics, Bachelor of Arts (Hons) in Philosophy, Politics and Economics.

For subsequent semesters, students can register for up to a maximum of 23 units of courses in Select Courses (Round 1 and 2) of Course Registration (CourseReg) Exercise. From Round 3 onwards, students can register for more courses up to the maximum allowable workload decided by each faculty.

Reference: [NUS Office of the University Registrar](#)

3.2. After the 1st semester, what will be the maximum units that I can take up in a semester?

Student may submit a max workload waiver via CourseReg and is dependent on the student's GPA performance in previous semester. The appeal, if approved, will only be effective from Round 3 bidding.

3.3. Can I underload in my final semester?

Yes, you can underload in your final semester as you just need to complete your outstanding requirements.

3.4. Can Computing students with double major programmes overload in the first semester?

Students enrolled in second major or minor programmes can only read up to 23 units in their first semester.

Note that undertaking double/second major is not the same as undertaking a double degree programme.

4. TIMETABLE

4.1. How do we choose between the different tutorial and lab sessions? Is it just based on our personal schedule, and is there any other factors we should consider?

Please select the slots that you are available to attend. You should not select a slot that clashes with another lecture/tutorial/lab slot. Exam date clashes are not allowed as well. SoC Office of Undergraduate Studies does not grant such waivers and please adjust your study plan.

4.2. May I ask what should we do if the lectures (with e-learning) and tutorial classes clash?

You won't be able to sign up both courses at the same time. We don't grant clash waiver based on lessons being delivered under e-learning option.

4.3. I'm taking a second major in Statistics, but the ST1131 and CS1010A lectures clash. Do I have no choice and to take ST1131 in the next semester?

That's correct as timetable clashes are not waived. Please adjust your study plan accordingly.

4.4. If I bid 2 consecutive lectures (in terms of timing), will I be able to reach the second class on time?

Lectures of at least 2 hours in duration should end 25 minutes before the hour to allow students time to commute to the next lecture venue. Depending on the venue, please note that the next class could be some distance away. Plan wisely. For classes with 1-hour duration, classes will end 15 minutes early for travelling.

4.5. On nusmods.com, one of the classes for CS1101S is [REC], may I know what does [REC] stands for?

REC stands for "recitation"; it is a small-group problem solving teaching session.

4.6. Does nusmods.com automatically make sure your classes don't clash?

What nusmods.com does is to highlight the time-table clashes when you put in courses for time-table creation based on your course choices.

4.7. What about lectures that are located at the same place, but are labelled LEC[1], LEC[2]. What are differences between these 2 lectures, if any?

Are you referring to IS1108? If yes, course coordinator has plans to alternate week schedule for classes for different group.

4.8. What's the difference between mini semesters and normal semesters? Do we follow the mini semester or normal semester schedule?

There are some courses in NUS that are planned using mini semesters.

Almost all SoC courses are planned according to the normal semester schedule.

4.9. In nusmods.com, there appears two different venue options for certain lectures. One option was LT15 and the other was e-learning. Does this mean that is a physical lecture and online lecture happening simultaneously?

Yes, for example, CS1231S has that. The physical lecture and online lecture are concurrent. The physical lecture is hybrid (on Zoom) and will be webcasted. As the venue is not big enough to accommodate all students, the online lecture is to allow all students to attend and ask questions. Only one lecturer will be conducting the lectures at the physical venue.

For additional queries on CS1231S, you may contact Prof Aaron Tan at tantc@comp.nus.edu.sg
You may check out the website <https://www.comp.nus.edu.sg/~cs1231s>

For queries on class arrangements for other courses, it is best to approach the respective course coordinators.

4.10. Where can we see the list of lecturers for our courses?

For SoC courses, the link is as follows: [School of Computing Course Schedule - NUS Computing](#)

4.11. For lectures that are marked as "e-learning" on nusmods.com, is it a synchronous zoom lesson or an own time own target lecture video?

You may check out the information on Canvas for that course, or approach the course coordinator directly for more details.

4.12. What does the SEC abbreviation stand for in NUSMods for courses such as ES2660?

SEC refers to sectional teaching delivery mode, basically classes with small class size.

5. COURSE SPECIFIC QUESTIONS

5.1. What is the difference between CS1010, CS1010A and CS1101S? Does the allocation depend on our course?

You should read the one specified in your degree requirement:

CS1010 for Information Security students, CS1010A for Business Analytics and Business Artificial Intelligence Systems students, and CS1101S for Artificial Intelligence and Computer Science students.

5.2. What is the difference between CS1010A and CS1101S?

CS1010A is for students in Business Analytics and Business Artificial Intelligence Systems programmees. CS1101S is the mandatory programming methodology course for AI and CS students.

5.3. For CS1231S, I am pre-allocated to the physical room. Will I be given the zoom link for e-learning and attend the online version of the lecture instead?

An announcement will be sent to all CS1231S students before the semester starts. You may refer to the announcement on Canvas or check your NUSNET mailbox.

5.4. If I have been exempted from CS1101S/CS1010 or its equivalent, will another course be pre-allocated in its place?

We will allocate the next Programming Methodology course, CS2030 equivalent, that is specified in your degree programme.

5.5. What's the programming language used in CS1010A?

It will be Python.

5.6. Can CP2106 be considered a pre-requisite for CP3200?

Not required, however many students use CP2106 work to help them during NUS Overseas Colleges (NOC) interview with start-up companies.

5.7. What does the % mean for GEX%, GEC%, GES%, GEN% in the university level requirement?

% refers to various course codes. GEC% means NUS courses with course code starts with GEC.

5.8. Consider the course CDE2501. It can be used as an interdisciplinary course for ID/CD. It can also be used in the Singapore Studies pillar. Can I double count using it to fulfil both requirements?

Only up to 8 Units of GE requirements may be double counted with a Major requirement. A course counted for ID/CD cannot be double counted towards GE pillar for SoC Common curriculum.

5.9. Can I take the 1-year long GEN50x course in semester 1 on top of 5 courses? The total will add to 22 units.

If you do not exceed the requirement of 23 units in the first semester, it should be fine. Having said that, you will need to check if you satisfy prerequisites for GEN50x course as well. The units for year long course are halved for the workload computation.

5.10. Does each course last for only one semester or are there any courses that last for one academic year?

Courses are generally completed within one semester. Exceptions are the "Communities and Engagement Pillar" 2-semester option, CP3209, Final year projects (CP4101, BT4101, CP4106).

5.11. Are we exempted from taking MA1301 despite not taking the math proficiency test?

A-level students with H2 pass (or equivalent) in Mathematics do not need to read MA1301.

For students who studied polytechnic or IB Mathematics, refer to [Candidates without H2 Maths - NUS Mathematics](#)

5.12. How can we check if we are exempted from MA1301? I went onto EduRec's "View Transfer Credit Report" and there was no course to be found.

Students do not have MA1301 credits for exemption. MA1301 is the prerequisite for MA1521 and MA1522 if you do not have the required H2 Maths equivalent.

5.13. May I ask for students with H2 Maths (or equivalent), is any declaration on portal required before being able to take MA1521 or MA1522 (its pre-requisite contains MA1301 / H2 Maths).

Not all Maths subjects taken in other international qualifications are captured in CourseReg as H2 Maths equivalent automatically. If you could not register MA1521 or MA1522, you can submit an appeal for [Unable to fulfil requisite](#) for the courses that you are unable to place a bid. Do attach your High School Maths results as supporting document for your CourseReg online appeal.

5.14. Can we choose any GE modules to take under gec/gess/gen or are there specific ones to take for BZA students?

Yes, you can choose any one from the list of GE courses for these 3 pillars.

5.15. Is the CS1010 placement test mandatory? I missed the registration period.

Please note that CS1010 placement test is not compulsory. Freshmen are to read CS1010 equivalent that is applicable for your primary major.

5.16. Are we allowed to take up a course and its pre-requisite course during the same semester? Are we allowed to take up a course and its pre-requisite course at the during the same semester?

No. you need to pass the pre-requisite for that course before reading it subsequently.

5.17. Some courses approved under the GE pillars (such as HSA1000) are also included under the list of Interdisciplinary / Cross-disciplinary courses. Can I double-count such a course to fulfil both GE and ID requirements at the same time?

There is no double counting of a course for GE and ID/CD requirements at the same time.

5.18. How many tutorials and recitations do we have per course on average?

It depends on the specific course. Typically, every course has one tutorial and optionally one recitation. The registration for them is typically through CourseReg exercise (Select Tutorials). If you require precise information, please contact the respective course coordinator/instructor.

5.19. What are the requirements to sign up for Orbital? Where will the units to be obtained fall under?

Orbital is generally taken during the summer and during your 1st year.

Orbital will fall under unrestricted electives.

You can refer to this web page for more details: [Orbital – NUS School of Computing](#) «

6. STUDY PLANS

6.1. Are there any suggested courses besides the pre-allocated courses?

One General Education Course and one other Core Curriculum Course are recommended. You may also choose Unrestricted elective courses or courses for minor or second majors that you have been offered during admission or during academic plan declaration exercise.

6.2. Is there a sample study plan for polytechnic graduate?

Due to the various exemptions available for different polytechnic diplomas, there is no one tailored study plan. Students can refer to the pre-allocated courses and degree requirements to choose the remaining courses that they wish to read in the first semester. You can file a request using the correct queue at [mySoC Applications](#) if you need further assistance.

6.3. Is there any recommended combination of courses to take in the first year? Or are we free to take any courses we want, as long as we meet the prerequisites?

Depending on which programmes you are in, typical first year courses are taken as follows:

Business Analytics (BZA):

Programming methodology, Introduction to Business Analytics, Linear Algebra for Computing

Refer to degree requirements for more information: <https://www.comp.nus.edu.sg/cug/per-cohort/ba/ba-26-27/>

Business Artificial Intelligence Systems (BAIS):

Programming methodology, Digital Ethics and Data Privacy, Calculus for Computing

Refer to degree requirements for more information: <https://www.comp.nus.edu.sg/cug/per-cohort/bais/bais-26-27/>

Computer Science (CS):

Programming methodology, Discrete Structures, either Calculus for Computing or Linear Algebra for Computing

Refer to degree requirements for more information: <https://www.comp.nus.edu.sg/cug/per-cohort/cs/cs-26-27/>

Information Security (InfoSec):

Programming methodology, Discrete Structures, either Calculus or Linear Algebra for Computing

Refer to degree requirements for more information: <https://www.comp.nus.edu.sg/cug/per-cohort/isc/isc-26-27/>

6.4. Which year are we allowed to apply for Undergraduate Research Opportunities Programme (UROP)?

UROP is usually done in the third year.

You will also need to have at least 60 Units in progress/completed at the point of application. There is a GPA requirement of at least 3.80 and applications are subject to approval of CS/ISA dept.

6.5. If I am pursuing the Business Artificial Intelligence Systems programme and want to transfer to Computer Science programme after my first semester of study, will it affect the number of units I have to complete to graduate?

It does not affect the number of units (which is 160 Units) you need to complete to graduate. Do make sure you complete the courses required under CS after your transfer, and prepare the right prerequisites timely.

6.6. A Minor in Management requires 20 Units. The [website](#) says that only 8 out of the 20 units can be double counted into degree requirements. Are Unrestricted Electives (UEs) considered as "degree requirement"? Can I count all 20 Units of my minor into my UEs?

You can use the units from unrestricted electives available to you to meet either minor or second major requirements.

6.7. Is it advisable to do ES2660 in the first semester and IS1108 in the second semester or the other way around?

It is fine either way depending on seats available and your seniority to secure them.

6.8. What are Unrestricted Electives?

Unrestricted electives (UE) can be additional courses not needed to fulfil SoC common curriculum and programme requirements. They can be courses offered by School of Computing or by other faculties in NUS.

6.9. Can we start taking up some UE courses in sem 1 year 1 or is it recommended to take them from Sem 2 onwards?

You can take UEs whenever you want. However, you do want to make sure you are making progress on major requirements. In other words, make sure you are completing courses that are going to be prerequisite requirements for future courses you are intending to take.

6.10. Is there any function on EduRec that allows me to see which course counts towards which degree requirement? (as in PE, UE or 2MJ/MIN). How do I change a course from being counted towards one requirement to another?

You may refer to the schedule at Academics for the timeline to generate a What-If Report.

The report can be generated from the 2nd year of study onwards.

Please submit a ticket to <https://socug.comp.nus.edu.sg/> if there is a need to change a course from being counted towards one requirement to another.

6.11. Will there be a study planner on what course to choose during our year 1 sem 1?

The department programme briefings will provide some sample study plans for students in each programme.

6.12. Are we allowed to take more courses beyond the required degree requirement units? Some of the focus/specialization areas seem interesting but we might not have enough units to fulfil the breadth and depth.

You may read more than the 160 units required to meet the degree requirements. All excess courses taken will be counted towards UE. All courses taken (including extra UE courses) will be included in GPA computation if they are letter graded.

7. DEGREE SPECIFIC QUESTIONS

7.1. As a Computer Science (CS) student: I have course exemptions as a polytechnic graduate. I will need 132 Units to graduate from university. Can I do 2 summer internships worth 12 Units and graduate in 3 years? My summer internships will be after semester 4 and semester 6 respectively.

For CS Breadth and Depth, you only need to complete at least 6 Units and at most 12 Units of Industry Experience courses. We discourage students to complete their internship courses in the final semester/last special term.

For taking [internship](#) in the final semester, you'll also need to get the permission of SoC Office of Industry Relations. You can contact them via AskIR@comp.nus.edu.sg.

7.2. As a CS student: Is it possible to take up a double major in electrical engineering or computer engineering? Will it be a double degree or double major?

This is not a permissible combination as NUS already offers the BEng in Computer Engineering which covers CS and EE curriculum - <https://ceg.nus.edu.sg/curriculum/>

7.3. As a CS student: How many courses can I take up in the first semester?

Typically, 5 courses, 20 Units.

The cap is at 23 Units for the first semester of study for Single degree students.

DDP and CDP students can have up to 27 Units from Round 3 course selection.

7.4. As a CS student: In the programme requirements, it says that we can take “at most 12 Units of Industry Experience courses”. Does that mean we can only take 12 Units worth of internships? Or does that mean we can take more, but only a maximum of 12 Units will be counted as “CS Breadth and Depth”, and additional units of Industry Experience will not be counted into graduation requirements but still be reflected in our portfolio?

It is correct that only 12 Units worth of internship can be counted towards your degree requirement. Additional units attained will be counted towards unrestricted electives.

7.5. As a CS student: Is it common for Computer Science students to take on more than one focus area? There are many focus areas that look interesting.

CS students only need to complete one focus area to graduate. Focus area is not reflected in NUS official academic transcript. You may choose to declare up to 3 focus areas if you wish, provided you are able to fulfil them upon graduation.

7.6. As a CS student: 1) Is CS1101s the only course that fulfils the digital literacy pillar requirement? 2) I'm a diploma holder and have an exemption for CS1010, does that mean I'm also exempted from other courses in the same series of programming methodology (i.e. CS1101s)? Will I still be able to register for CS1101s?

1) All CS1010 course satisfy the requirement. 2) You don't need to register for CS1101S if you've been granted CS1010 exemption.

7.7. As a CS student: May I know how we could apply for the Turing programme?

After you have taken CS2309, you may get your course instructor to do a recommendation to Turing Programme director after completion. The programme is by invitation only. For more information, you may refer to this website [Turing Programme - NUS Computing](#)

7.8. As a CS student: I choose to switch to the AI academic plan, would I be able to revert this decision later on (such as before the 5th semester), and are there any approvals necessary if so?

Yes, you have up to the 5th semester to declare your plan during the academic plan declaration exercise.

7.9. As a CS student, what are the “Tracks” mentioned in the Academic Declaration?

Tracks refer to declaring focus areas for Computer Science students.

7.10. What business analytics courses can be taken during special terms?

Only a limited number of computing courses will be offered during special terms. When taking courses during special terms, please check for updates to determine whether the course is relevant to your programme. In addition, you may wish to note that you will be subjected to special term's course fees if you plan to read courses during special term.

7.11. As a Business Artificial Intelligence Systems (BAIS) Business Analytics (BZA) student, For the declaration of specialisation during academic declaration, is it recommended to not do so yet? Can I instead only choose a specialisation during year 2 or year 3?

You can decide to declare the specialisation (optional) at a later stage in year 2 or 3 once you have decided. Please note that if you fail to fulfil the requirements for the specialisation, you need to drop it before you indicate Apply for Graduation in your final semester.

7.12. As an Infosec student: Do we need to take ES2660? I notice that CS students are required to take ES2660.

ES2660 is not compulsory for InfoSec students. Always follow the curriculum structure designed for your programme of study.

8. DOUBLE DEGREE PROGRAMME [DDP]/ CONCURRENT DEGREE PROGRAMMES

8.1. How may we apply for a DDP? I am interested in a DDP with Business, and are there any requirements, e.g. prerequisite courses etc?

Please check for updates on application window and application window via the SoC website:

<https://www.comp.nus.edu.sg/cug/>

Students of SoC may apply for structured DDP between second to fourth semester of study, or self-designed DDP between third to fourth semester of study; subject to application window of both faculties.

You may also refer to Double Degree Programme Framework and Guidelines: [NUS Office of the University Registrar](#)

8.2. For DDP students whose home faculty is non SoC, will there also be up to 3 pre-allocated courses?

Yes, we will pre-allocate up to 3 courses from SoC if your time-table permits.

8.3. I am doing a DDP. Can I check when I am able to attend courses for my 2nd degree? Can I start in my first semester?

Yes, you may bid for the relevant courses to meet the second degree requirements from the first semester within the permissible workload.

8.4. For DDPs such as the CS and BBA DDP, is it possible to graduate within 4 years?

It is possible to graduate within 4 years with proper planning and overloading in some semesters.

8.5. Is it advisable to take DDP? I am in a situation where I only need to clear 132 Units. Hence, I am interested in taking up a DDP to make full use of my 4 years in NUS.

Yes, you can plan for DDP. Please look out for the call for DDP applications that we will send out to the student population each semester.

For the different DDP admission requirements you can refer to <https://www.comp.nus.edu.sg/cug/per-cohort/>

8.6. I'm currently in CS + Math DMP. However, I'm considering to take SPM/DDP. Is it recommended / allowed for me to replace my CS course requirements (CS1231S, MA15XX) to (MA1100T, MA200X)?

It's not recommended. You should be reading courses that is applicable for your current programme that is CS & Math DMP. Reason being, the DDP request/application is not confirmed yet.

8.7. I understand that DDP students can take up to 6 courses in the first semester. Would I need to make any special arrangements to do so?

You can choose your 6th course from CourseReg Round 3 onwards.

8.8. Is a DDP (CS + Math) usually 4 or 5 years? Also, I would like to know the academic requirements on the Math side.

Normally, students can complete within 4 - 5 years.

Students can refer to the programme requirements for their cohort here: <https://www.math.nus.edu.sg/ug/ddp/>

For DDP matters, you can write to Ms Sharnie Lee at shar_lee@nus.edu.sg or file a request using the correct queue at [mySoC Applications](#) for further clarifications.

8.9. I'm taking DDP (CS + Math). From the degree requirements, do we have to complete exactly 200 - 206 Units? I noticed that that 5 Courses (20 Units) are double counted, so do we need to take up additional courses to make up for the 20 Units?

Generally, you will need to complete both Math and CS degree requirements, with double counting policies in place. Please refer to the degree requirement [page](#) for your cohort and we can clarify with you further via email.

8.10. Are courses double counted automatically (where applicable) or must we declare the intent to double count on edurec?

This will be done via the graduation checks via NUS system. If you are a DDP student, you have to work with the respective home DDP administrators to ensure that your study plan is feasible and do not exceed double counting limit.

8.11. For DDP BIZ and BZA, can I double count one of my BIZ core courses for SoC Common curriculum (as a Cross-Disciplinary course)? Some of these courses such as ACC1701 are listed in the list of Cross-Disciplinary courses but with an X, so is it possible to double count the non-X variants?

The various faculties are updating the programme requirements for new semester. Please check <https://nus.edu.sg/prog/bizsoc/> regularly for updates. You may submit email enquiries for additional clarification after the new semester programme requirements are released.

8.12. For double degree programmes. will we be pre-allocated courses from the home degree or the 2nd degree in semester1?

SoC will preallocate second degree students from SoC with some courses. However, your home faculty may also preallocate some. Please check with your home faculty, especially from Business School.

Is it possible for DDP students to still complete a specialisation in BZA?

Yes, possible. Specialisation is within the BZA degree.

8.13. For DDP (CS + Business Administration) students, how are STR1000 and STR2000 allocated? When should these two courses be taken?

Business School will be pre-allocating STR1000 first. Note that STR2000 requires STR1000 as pre-requisite.

8.14. If one currently in CS would wish to take up a double degree, for example CS + Biz in the future, would you recommend that in the academic plan declaration that they declare Biz as a 2nd major for now?

All 2nd majors can be declared via Academic Plan Declaration as they are restricted 2nd major/minors. You can refer to [Cohort 2023 & After - BBA \(nus.edu.sg\)](https://nus.edu.sg/cohorts/2023-after-bba) for BIZ second major in progress admissions. Meanwhile, you can try to bid for the courses as Unrestricted Electives (UE) first.

9. DOUBLE MAJOR/MINOR

9.1. For changing/dropping of 2nd major/minor, is it done during academic plan declaration?

Yes, you can do so in the Academic Plan Declaration (APAD) exercise. Please note that you can only complete the academic plan declaration once per semester, therefore please decide well before you drop the 2nd major/minor.

9.2. For double major programme, what is the maximum courses/units can i get in one semester? Is it also 6 courses like DDP programme?

Double major (or second major) students can only read 23 Units in the first semester.

9.3. If I plan to take a second major but the courses in that second major has preclusions that I have taken as a BAIS student, does that mean I'm not allowed to take the second major?

Note that students will be precluded from applying for the second majors on the onset if there are too many overlapping courses. Should you decide to apply for the second major, we can check with the programme hosts on the precluded courses.

9.4. For 2nd major in Statistics (40 Units), the [website](#) stated it is possible to double count up to 16 Units. Does that mean in total, I only need to take 160 Units (Primary major) + 24 Units = 184 Units for all 8 sems?

Double counting means that the courses that you have read for your primary major can be used to fulfil the 2nd major. You can complete your 2nd major/minor using the Unrestricted Elective (UE) space as well.

9.5. Can cross disciplinary courses under the SOC common curriculum be double counted into second major requirements?

Yes, double counting rules will apply.

9.6. How can I sign up for an additional major or minor?

You can declare open minor or 2nd Major via Acad Plan Declaration (APAD) [[CourseReg @ EduRec \(nus.edu.sg\)](https://nus.edu.sg/course-reg)] before course registration starts.

For restricted minor/second major, you have to apply directly with the host department – Reference link: [NUS Office of the University Registrar](#)

In addition, you may opt to indicate the specialization relevant to your programme you intend to take up.

9.7. If I decide to take a second major/minor, should I take courses based on that in the first semester or take my GE/ID courses?

Plan accordingly. For successful completion of minor or second major, you need to satisfy the prerequisite chain for subsequent courses. GE/ID courses are standalone courses which allow more flexibility to plan them in any semester.

9.8. Is switching majors commonly done? Are there penalties for doing so?

You need to apply with NUS Office of Admissions if you wish to change your home degree. However, under the **choice of Common CS Programmes**, you have **up to 4 semesters** from the start of your candidature to decide on pursuing either AI or CS. You can make the decision via Acad Plan Declaration (APAD) [[CourseReg @ EduRec \(nus.edu.sg\)](https://nus.edu.sg/course-reg)] before course registration exercise starts in each semester.

Completion of minor or second major is optional. Do note that application for change of second major is not automatically approved and is subject to approval of the host department for restricted ones.

9.9. Can a second major/minor be taken and dropped at any time? For example, can you drop a second major and take it up again later?

You are not allowed to make changes or opt for a new Second Major or Minor beyond your 5th semester of study.

Before then, for open 2nd major/minor, you make changes during the Academic Plan Declaration window each semester. For restricted 2nd major/minor, you will have to apply for it again.

9.10. Can restricted second major/minor be declared via Academic Plan Declaration?

SoC Minor/Second major are restricted programmes which students must apply during the prescribed application window specified by the School via EduRec. Students will not be able to declare themselves in the Academic Plan Declaration Exercise (APAD) before CourseReg begins for each semester. APAD is only for open minors/second majors which do not require special approval from the host department to approve.

9.11. If I want to do a second major in statistics, do I have to take the CHS core curriculum as well?

You may want to refer to [CourseReg @ EduRec \(nus.edu.sg\)](https://nus.edu.sg/course-reg) for more information on 2nd majors. There is a link for 2nd Major in Statistics and it will bring you to the requirements for the 2nd major.

9.12. I was offered a Computer Science with a second major in Mathematics. How do I know if it is open or restricted?

Since you have been offered with the 2nd major, you only need to declare and confirm your academic plans/subplans during Academic Plan Declaration. You may refer to [NUS Office of the University Registrar](#) if you wish to know what are the restricted or open 2nd majors.

9.13. Does double counting means I will receive 8 units when I complete the course?

When double counting of a course is used for fulfilling 2 requirements, the units for that course is counted once towards the total unit requirements. Example: MA1521 is listed in CS programme requirement and is double counted against Mathematics second major with 4 units double counted.

9.14. If I read a course for a 2nd major/minor before I declare it, will it be counted towards that 2nd major/minor after I declare it next sem?

Please note that you will need to declare for the programmes via EduRec in order to earn the 2nd major/minor. If student has completed all minor requirements on their own accord, minor will not be granted. Students are eligible to apply for second major and minors within their first four semesters of study.

9.15. Does declaring open minors can increase the priority to get the courses other than home faculty in course registration?

Yes, declaring minors will help in increasing the priority in course allocation but do note that core courses are reserved for home faculty students.

9.16. What is the max units for double counting?

You may refer to [NUS Office of the University Registrar](#) for details. From the website:

For students admitted from AY2019/2020 onwards, the unit requirement for a Second Major is at least 40 units, of which:

Up to 16 units (40% of the unit requirements for a Second Major) may be double counted and used to meet (i) the Second Major requirement and (ii) another requirement, e.g., General Education (only for students admitted from AY2021/2022 onwards), College (e.g., Common Curriculum), Faculty, Major, Second Major, Minor, Specialisation or other requirement, i.e., at least 24 units of the Second Major must be distinct and not overlapping.

At least 12 units must be at Level 3000 or above.

A minimum of 60% of the Second Major requirements must be earned from courses read at NUS. Courses read at NUS include all courses taught, co-taught, supervised or co-supervised by NUS faculty member(s).

9.17. If I double count a course for a minor and primary major to fulfil both requirements, will it be counted as having completed 8 units or only 4 units?

Only 4 units are counted.

9.18. Is there any restriction on selecting a second major?

The Second Major taken will be outside of School of Computing. You need to refer to the respective host department's website for more information.

9.19. Does taking a 2nd major or a minor require more units to graduate?

Not necessarily. Please refer programme briefing slides deck and take note of double counting rules stated in [NUS Bulletin AY2026/2027](#).

9.20. What is the significance of having a minor compared to having a specialization or focus area and which will be more beneficial.

Minor is usually for courses in a domain area outside your home faculty whereas specialization or focus area is related to computing. So, it depends on which areas of knowledge you would like to acquire.

10. S/U EXERCISE

10.1. How many courses am I allowed to S/U in the first year (1st and 2nd semester respectively)? If I perform well and I don't S/U the courses, will the S/U limit be carried over to the next semester? Also does S/U exercise occur after our results are released?

SU exercise is done after the release of examination results and within the 3-day S/U window stipulated by the Office of the University Registrar (OUR).

Additional information on S/U can be found via [NUS Office of the University Registrar](#)

10.2. Is there a restriction on what courses you can S/U?

Yes.

Please refer to the website covering S/U information: [NUS Office of the University Registrar](#)

There is an internal link for students that provides more details such as what courses are eligible for S/U: [Academics \(nus.edu.sg\)](#)

11. STUDENTS FROM NUS COLLEGE/RESIDENTIAL COLLEGES

11.1. How does NUSC programme work?

You can refer to [NUSC Course Listing - NUS College](#) for more details on the NUS College Curriculum and how it interacts with your primary degree.

11.2. If a student is in NUS College, would the NUSC course of Thinking with Writing (NTW%) replace the ES2660 writing requirement for the CS Major?

Please check at: [NUS College](#)

11.3. As a CS student, could I find out if ES2660 is a graduation requirement and if so, which of the University Level Requirements (ULR) mods can/cannot be replaced by Residential College (RC) mods?

ES2660 is a compulsory course for CS and it double counts for GEX pillar.

It is not replaced by the RC course.

11.4. I will be enrolling into the RC programme which will cover 4 of the GE pillars and 1 of them overlaps with ES2660 as they fall under the Critique and Expression pillar. Do I still have to take the course ES2660 if I will be completing that specific pillar under the RC programme as an InfoSec student? And if so, will the course fall under Unrestricted Elective (UE) since it overlaps the GE pillar?

Only If your course requires ES2660, then you must read ES2660. Residential College (RC) course will then meet Unrestricted Elective (UE) requirements instead.

As per [ISC 2026/2027 - NUS Computing](#) please note that ES2660 is not part of the GE requirement for Information Security course.

11.5. Could I check if the bidding includes Residential College (RC) courses that replace general courses?

Yes, you have to bid for your RC courses via CourseReg just like courses needed for other degree requirements.

11.6. Can NUSC-Computing students overload?

NUSC students have a workload of up to 27 units. You can only bid the 6th course (exceeding 23 units of workload) from CourseReg Round 3.

11.7. I will be in NUSC and taking CS and Maths DDP. Since the NUSC curriculum satisfies some of the SoC requirements and some of the CHS general education requirements, how does the double-counting work? Will I be taking the NUSC curriculum, plus the remaining requirements from SoC and CHS that are not covered by NUSC, or can the NUSC curriculum be mapped to only one of the faculties' (either SoC or CHS, but not both) common curriculums?

Please refer to NUSC website for the variations applicable to your degree combination. For DDP in CS and Maths, please check on the variation at: <https://www.math.nus.edu.sg/ug/ddp/>

11.8. Is there any briefing session for NUSC students?

You may check with NUSC directly if you have yet to receive any information [Contact Us - NUS College](#)

11.9. Are RC students required to take GE/ID courses also? Which RC courses can replace other courses?

Please check with your RC administrators on which RC courses can fulfil the GE pillars.

11.10. I understand some of the RC courses are mappable to GE pillars in the NUS Curriculum. Are the courses for primary major and RC course registration separate? If so, do I need to manually declare this mapping and how can I do so?

All undergraduates register their courses via CourseReg.
RC will advise which RC courses will meet the GE pillars.

12. INTERNSHIPS

12.1. If I have a compulsory internship which is 12 credits, can I take other courses simultaneously with the internship to fulfil the minimum workload requirement?

In general, you are not advised to take courses while you are having full-time internship as your company might want you to focus on your internship.

That said, however, if your internship spans in a regular semester plus special term and you manage to get the consent of your internship company and the course coordinator, you may apply to take a course during your internship. Additional courses, taken with permission, are capped at 8 units in total.

12.2. Can Advanced Technology Attachment Programme [ATAP]/Digital Transformation Leadership Programme]/Student Internship Programme [SIP] be used for Industry experience requirement of 12 Units for Business Analytics and Information Systems programmes?

The industry experience requirements required by Business Analytics and Business Artificial Intelligence Systems programmes can be fulfilled via 3 options given in their respective programme write-ups:

BZA: <https://www.comp.nus.edu.sg/cug/per-cohort/ba/ba-26-27/>

BAIS: <https://www.comp.nus.edu.sg/cug/per-cohort/bais/bais-26-27/>

12.3. If I'm doing ATAP, it means I cannot do FYP and internship in the semester? How about dissertation?

Please refer to [ATAP - Advanced Technology Attachment Programme - NUS Computing](#)

Students who are pursuing the following are NOT allowed to register for ATAP:

Students taking other courses during special term

Students taking Undergraduate Research Project in Computing (UROP – CP3209)

Students taking Computing Project (CP4106)

Students taking B. Comp. Dissertation (CP4101) / B.Sc. (Business Analytics) Dissertation (BT4101) [Also known as Final Year Project (FYP)]. Students are not allowed to do FYP concurrently with ATAP and conversion of ATAP-related work to FYP is NOT permitted.

12.4. For internships to be counted towards our degree completion, do they need to be completed during the academic year or can summer internships be counted as well?

SIP: CP3200 and CP3202 are credited during special terms.

CP3107 and CP3110 are also credited during special terms.

12.5. Are there any specific module prerequisites besides the minimum unit requirement for internship courses such as CP3200 and CP3202?

The requirements for the internship courses vary. You may refer to [Students - NUS Computing](#) for details.

12.6. If we are exempted CP3200, are we still able to take ATAP to fulfill the required credit units for that semester?

Yes, you can take on additional internship courses in NUS.

12.7. Is it possible to cope with a part time internship on top of our courses? And will the internship towards our internship course requirements?

If you wish to count your internship towards your requirement, it has to be credit bearing. Please refer to [Students - NUS Computing](#) for more details. Students on credit bearing industrial attachment should, in principle, not take other courses offered by the University. Students may be granted permission to take courses on a part time basis if they have the explicit written approval of their employer as well as the respective course coordinator (In the form of an email) before they proceed with course registration on CourseReg. (CP3880 is 12 units. Students may only read up to an additional 8 units worth of courses with approvals. This is inclusive of DYOM/GEN courses.)

12.8. If I decide to do an internship during year 1, would I need to clear it with the university first?

Yes, all credit bearing internships need approval from SoC Industry Relations Office. You need to have prerequisites to do it.

12.9. Can we take up additional courses during our SIP?

You are not allowed to take additional courses while on full-time SIP which takes place in the two special terms. Exception is only when you are already enrolled in year- long GEN Service learning course in semester 2 earlier on.

12.10. Ideally, how many internships should you take for exposure and portfolio?

Quality counts more than quantity. We would suggest that you focus on what you do at the internship rather than how many internships to do. Be specific with applying to internships that are relevant to the skills you have.

13. EXCHANGE/OVERSEAS PROGRAMMES

13.1. Am I allowed to go for an overseas exchange programme during my undergraduate studies? Where will these units be counted towards (e.g. my Unrestricted Electives (UEs)?)

Yes, you may. If you plan to apply for exchange programme, you will need to determine which courses you intend to pursue at the partner university and submit a course mapping request before the courses from partner university can be counted towards your degree programme.

13.2. If I were to leave for LOA after year 1, would it be possible to go for exchange programme immediately after returning from LOA?

Please note that LOA approvals are subjected to Vice Dean's approval. It is possible for you to apply for exchanges upon your return and note that you must submit the necessary documents for SEP application.

13.3. Is it possible to go for SEP for polytechnic diploma holders and can they graduate within three years?

That's possible with proper planning alongside with being flexible with your choice of universities.

13.4. What are the courses that need to be cleared before being able to go for SEP or NOC?

Please note that the eligibility for SEP and NOC differs. I would suggest for you to start your research with the websites: [SoC Global Opportunities - NUS Computing](#) , [Application Info - NUS Enterprise](#)

There will be SEP workshops organized by SoC and Global Fairs organized by NUS Global Relations Office. Please join the events when possible.

13.5. What countries would you recommend to go for during SEP?

All locations offer different and rich experiences! Research for yourself, talk to seniors who've actually been there and make a choice based on your interests. Also, keep in mind the competitiveness and availability of different locations as that can influence your SEP application outcome.

13.6. Is there a list of partner universities with possible mappings available?

Yes, you can find the pre-approved list on EduRec and you may refer to [SoC Global Opportunities - NUS Computing](#) for details.

The pre-approved list is not exhaustive and you can consider proposing more course mappings, and the requests are subjected to approval by the host departments.

14. GENERAL QUESTIONS

14.1. For the Cambridge A-level holders, I understand that they are able to take CS1010 Programming Methodology Placement Examination. However, I received my offer after the deadline of registration for the examination. Are there any additional opportunities to receive the units?

There is no alternate test date for the placement test. Therefore, you will need to read the prescribed programming methodology course in your first semester.

14.2. Are there any bridging courses for local Returning National Servicemen (RNS)?

RNS were invited to read the i-BLOC (e.g. CS1010X) prior to registration as an undergraduate. There is no additional bridging course for RNS.

14.3. What if I do not do well in 1st semester and feel too stressed to continue with the current programme?

You may consider applying to another faculty if you find that computing programme is not suitable for you at the end of the first semester. This application is subject to approval by the receiving faculty.

14.4. Any recommended specifications for our personal laptops? E.g. brand, model, chip, RAM, storage, etc.?

We don't recommend any model/type of laptop because users have different needs.

You may wish to consult NUS Co-op for those models commonly acquired by NUS students.

You can view the specifications and price ranges at: [Notebook \(nuscoop.sg\)](#)

Your laptop should meet the min requirements to be able to handle digital assessments in a f2f proctoring environment. For more details, please check out [here](#).

14.5. When and how do we collect our study materials?

All course materials are shared via Canvas for the courses you have enrolled.

14.6. May I ask for polytechnic graduates the credit units from exempted courses need to be used for taking up other unrestricted courses or I can simply deduct the credit units from degree requirements.

Advance placement credits granted will be counted towards the degree requirements. You do not need to take extra courses to make up for the units.

14.7. Is it compulsory for me to attend all the Freshmen Orientation Programmes such as Freshman Orientation Week and Freshman Finale Camp?

It is optional. However, it is highly recommended that you attend at least one of them to meet your fellow peers and make friends.

14.8. What is the Application window for scholarships offered to students in SoC?

You may refer to [Important Dates and Application \(nus.edu.sg\)](https://nus.edu.sg/important-dates-and-application).

14.9. I received the offer letter a bit late. From when will the hostel accommodation be provided, and can I still apply for student residences now?

You can only apply for on campus housing after you have the NUS ID. Please check with our housing services for your case. You can refer to [Contact Us – Campus Life \(nus.edu.sg\)](https://nus.edu.sg/contact-us-campus-life) for details.

14.10. For diploma holders who wish to exempt courses, are we supposed to submit an online form?

You may refer to our webpage for details on exemptions for the respective diploma. The URL is at [Exemptions and Placement Test - NUS Computing](https://nus.edu.sg/exemptions-and-placement-test-nus-computing)

You are only required to fill the online form if you wish to opt-out from any of the exemptions from computing courses that are granted to you. However, please note that once approval is granted, it will be irrevocable.

14.11. How do I know how many advanced placement credits (APCs) I have from my polytechnic diploma studies?

You can check via Education Records System (EduRec), Student Self-service centre, Academic Records, View Transfer Credit Report to find out the APCs granted to you.

14.12. Do you have any recommendations on how to prepare for the CS introductory courses beforehand?

You may take up MOOCs such as Udemy, CS50 (Harvard), Coursera have good materials to start your journey. You may also find practicing problems from other sites useful. Many seniors eventually try doing leetcode questions to prepare for job interview, but this is (pretty far) ahead of where most of us are now.

14.13. How do we graduate with honours? Are there additional courses to be taken?

You need to pass CP4101/BT4101 as well as attain an overall GPA of 4.50 or above to get Honours (Highest Distinction)

Other than Honours (Highest Distinction), the other classification of honours depends on your GPA.

Reference: [NUS Office of the University Registrar](#)

Note that SoC degrees requires at least 160 units to fulfil graduation requirements.

14.14. If I did not take the cs1010 programming methodology placement test, will cs1010 be pre-allocated?

Yes, you will be preallocated based on the prescribed programming methodology course for your degree.

14.15. From which semester can we apply to be a Teaching Assistant?

You will receive an e-invitation and you can apply to be considered from there! Typically, after completing your 1st semester.

14.16. Where can I retrieve my NUS acceptance letter?

Log in to [Undergraduate Applicant Portal \(nus.edu.sg\)](#)

14.17. Would electrical sockets be available for charging our laptops across lecture, tutorial, lab and exam venues?

All classrooms, labs at SoC are equipped with the electrical sockets. If the exams require you to bring your devices, the venues will be chosen such that they have these facilities.

14.18. Is there a map showing where the classrooms and lecture theatres are at in SoC?

Please refer to [Venues - NUS Computing](#)

14.19. I hadn't opted for MOE tuition grant earlier while applying for NUS, and the option is not available to me now. Are there any other options for financial aid?

You may check out the OAM website on the financial aid, [Full-time Undergraduates \(nus.edu.sg\)](#)

14.20. What interest groups can I join?

Please refer to [Student Clubs/Interest Groups - NUS Computing](#)

14.21. How is the workload of the Co-curricular activities (CCA)?

The workload greatly depends on the type of CCA and positions held. It will be good to check with the CCAs and interest groups directly.

14.22. In South Korea, all men are required to serve in the military for approximately 1 year and 6 months. In such cases, they may need to take some years off from the school. From what year and semester, would it be possible to submit the application of taking year off from the school?

You should complete at least one semester of courses before applying for leave of absence via EduRec to fulfil your military conscription.

ADDITIONAL RESOURCES

CourseReg FAQ

Link: https://nus.edu.sg/coursereg/faqs_undergraduate.html

List of Contacts during CourseReg exercise

Please write to the host offering the courses and the link is:

<https://nus.edu.sg/coursereg/contactus.html>

Modular System (Includes list of NUS terminologies)

Link: <https://www.nus.edu.sg/registrar/academic-information-policies/undergraduate-students/modular-system>

Internships

Link: <https://www.comp.nus.edu.sg/industry/intern/student/>