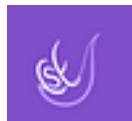
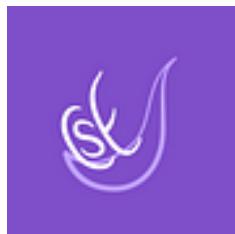


2023 HKUST Reg Course Registration Guide | HKUST Course Registration Guide



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sequence

Hello everyone, we are the Computer Science and Engineering Students' Society (HKUSTSU) of the Hong Kong University of Science and Technology Students' Union.

I believe this Reg subject guide can answer most of the questions you will encounter in Reg subjects and help you plan well for what to study next year



Reg Section Period / Class Enrollment

UST divides the Reg section into three stages.

Validation Period: If your Pre-reg results are better than those of your classmates, you can also use the Shopping Cart function (more details below), and you can apply for Drop

Pre-reg Course, Prerequisite Waiver, Audit, Credit Overload, etc. (not applicable to freshmen)). The start date is August 22 this year.

Enrollment Period: The time when Reg subjects actually start will follow the Reg subjects period in Year 1, and Reg subjects will be given priority in higher Years. This year's dates are August 24th (Year 3 & 4) and August 25th (Year 1 & 2). You can register before going to Add/Drop Period.

Add/Drop Period: After the official start of class, there is usually around two weeks for everyone to continue doing Reg. Since the class officially starts, many people will start to do the Drop section, and those who waitlist Add/Drop will feel very depressed before the end.

Check the Enrollment Period time?

Just go to Myportal -> Student Center -> Details -> Enrollment Appointments -> Appointment Begins.

It should be noted that even the same Year will be divided into four sessions. For example, the sessions for students in Year 1 will be 13:30 / 14:30 / 15:30 / 16:30 on August 25. The four Sessions are Dan one. It is usually difficult for the students in the last Session to register immediately. They usually have to wait for those who Drop during the Add/Drop Period to enroll first.



Class Schedule & Quota

You can find a lot of information about each course in Class Schedule & Quota.



Let me tell you from left to right, top to bottom:
Green: You can see the Course Code, Course Title, and how many credits are buried.

Purple (together with the Tutorial below): Some courses will require you to match the Lecture and Tutorial Sessions. For example, Lo1 can only be matched with To1A/B/C. If there is no explanation, you can match it as you like.

Pink blue: Course Info. After entering on the left, you can see the detailed information of the Course, for example:

Common Core information: You can see that this course belongs to the Common Core Area.

Prerequisite: Read the requirements for this course.

Exclusion: If you meet one of the requirements for admission, such as DSE scores reaching a certain score or having taken a certain course, you cannot register that subject.

Course Description: Usually no one sees it ;)

Red: Section, which is the Course of UST. There are three different courses, including L (normal Lecture, taught by Prof), T (Tutorial, taught by TA, most of them are MPhil/PhD), and LA (Lab , taught by TA), so some Course departments will have all three, and the credit number will be higher; **all Sessions in the department**,

regardless of L, T, LA, will have a 4-digit number written in brackets, and this number will be I use the Identify session, which is like an ID card for Course. It is very useful when taking the Reg course!

Blue: Instructor, please note that it does not matter whether the department is L, T or LA. Even if T and LA are not necessarily Professor, the department will be named Prof; some Course Instructors will have TBA written on them, which means To Be Announced.

Orange: This part will be more complicated to talk about:

Quota: Just because of the quota of a subject, the quota has the opportunity to increase.

When the Course Instructor sees that the waitlist is very long, there is the opportunity to add the quota, so if you are on the waitlist and have some patience, you may achieve miracles 嘍:D Also A special thing about Quota is

Reserved Seats, as shown in the picture below: Taking HUMA 1000B as an example, you will see a horizontal line under the Quota number. After Mouse Over, you will see detailed information, SHSS: 100/0/100; SHSS refers to For students in the School of Humanities and Social Science, there are 100 places reserved for SHSS students. If these 100 places are not used, there will be enough places left to add/ drop the period, that is, after the school starts. Release Libi-san. So usually most HUMA and SOSC courses have more seats reserved than

SHSS, so you usually have to wait until after the semester starts to get in first.



Enrol / Avail: It depends on how many people enter and how many people are buried.

Wait: The number of people in Wait refers to how many people queue up to enter this subject. There is a lot of knowledge about Waitlist, which I will deal with later.

This part is about the basic information about the Course, and then we will look at the personal aspects of the Reg section.

Reg Section Details

All Reg steps we do will be done through Enroll in Myportal.



Click “Enroll”.

After entering, you will see different options. Let's first talk about what they are like:



My class schedule: You can see what courses you have at home.

Add/Drop/Swap: Reg is the key point.

Mistaken use of these three functions will cause trouble, so be sure to read it clearly!

Add: It means to add a subject, and you cannot enroll in this subject.

Drop: Drop the left subject and you have already enrolled the left subject. Please note that some important subjects, such as MATH 1012/1013 and LANG 1002 A/S/I, cannot be Dropped. It will be uncomfortable if it is not your Study Pathway. Influence.

Swap: This is the function that most UST people use. It can do two things, including:
Swap the same subject (exchange session): for example, COMP 1021 L1 for L2, or MATH 1013 To1A for To1B.

Swap one subject to a new subject (swap a subject): For example, COMP 1021 L1 is directly swapped for L2 of COMP 1022P.

By making good use of the Swap function, you can schedule the schedule you want or Reg the subjects you want.

Common mistakes: The power of Swap is that if you can't change to the new one, the old one will still be there. For example, if you want to transfer CIVL 1100 to MECH 1902, some people will drop CIVL 1100 and then add MECH1902. In this case, if your MECH 1902 cannot be added, you will not even have your own CIVL 1100. The correct approach should be to use CIVL 1100 Swap MECH 1902. (The same applies to changing sessions in the same subject. Qianqi is not good at dropping and then adding.)

Add section practical operation (and Shopping Cart)



After the Validation Period starts, students can use the Shopping Cart function and get the Plan.



We can add some courses we want to the Shopping Cart. First, the red arrow points to the numbers separated by L, T, and LA of each course mentioned before. After inputting, press Enter.

When you Add the Course in Shopping Cart, click Show on the right to go out.

So as for how to enter the Number array? For example, I want to read COMP 1943 and find that L1 (1892) is the same as LA1 (1893)



Once we enter a Number, for example, if we enter 1893 and then Enter, the page below will be shown.



Swap



Step 1: In the Function of Swap, you will see Swap This Class and With This Class. In this way, Swap This Class can return the subject you want to Swap, and With This Class can return the target subject you want.

In this way, there are two methods for With This Class. The first is to add the subjects you want to the Shopping Cart in advance, and then you can directly access them when the time comes, and then select; the second method is the above Type the 4-digit number mentioned in Course and then Enter. Personally, I don't think there's much difference between the two.

In the same way as Add Shopping Cart, if a Course itself has a T/LA matched with an L, it will show you a page and return the T/LA you want to match (discussed below). Note that if you want to Swap a Session in the same department, for example:

Lo1/To1A -> Lo1/To1C (Keep Lecture to Tutorial)

L1/LA5 -> L2/LA5 (Keep Lab to Lecture)

After entering the 4-digit Code array, you will enter the Code of the Session you transferred. For Case 1, enter the Code of To1C, and for Case 2, enter the Code of L2.



After you finish Enter, if you Target a course that has a few matching options, such as COMP 2611, you can see in the red box what Code you entered and confirm it. Then return the T/LA you want (same as Shopping Cart Add Course), and then Next.



Step 2: This step is to perform Validation. You will see that the courses you have will be Replaced, and the courses you have will be added. If there are no problems, just Finish Swapping. The system will accept your Swap request.

If you successfully Swap, the system will automatically help you Drop the original Session and then Add the new Session you want. If the course is not enough, you will be admitted through the waitlist.



Drop

In the Function of Drop, you can Tick the Course of Drop and then Drop Selected Class. The blue boxes represent different Statuses. Note that all Classes in the Waitlist can be Dropped, so you can Cancel and return to the previous Add/Drop application.

After the Add/Drop Period is completed, the system will help you drop all the classes in the Waitlist. However, it is recommended that if you

decide to give up on some classes in the Wait list, you can manually drop the class. There is a chance that it will be the last class in the Add/Drop Period. Many people drop courses, and if you wait and enter without dropping, you will end up with more courses that you don't want.

Waitlist related

After you perform the Add/Swap action, the system will check to see if there is a slot available for you (Avail quantity). If there is, you will get it immediately. If it has already been opened, it will go to the Waitlist. You can also use USTHING to check the position of your own Waitlist; or use Enroll -> My class schedule -> tick in Sisprod to return to show waitlisted class.



Common mistakes in Reg science - stuck Timetable

If you use the Swap function to build the Timetable result array you want, you will find that there may be conflicts between many courses. Here are some examples of how you get stuck. Below is an example from Year 1 freshman Nelson.



Suppose Nelson wants to swap LANG 1002S from To2 to To9 (perhaps because To9 has its Friend relationship, or his Tutor is a Killer), and he finds that the time of To9 is exactly his MATH 1013 Lo2 time, so he decides to swap his A MATH 1013 Swap went to the second session. After watching USTSPACE, he found that Lam Tsz Kin of Lo1 had good reviews, so he decided to Swap Lo2 and

To2A to Lo1 and To1A. Then it will get stuck because:

He must first successfully Swap MATH 1013, and then the Timetable will have a free space before he can process the Swap of LANG 1002S . Once Nelson Swap fails to reach MATH, he will not Swap to LANG. For the solution, please see Strategy 2 below.

And all this leads to an interesting situation, that is, sometimes Avail is available, but there are still people on Waitlist. There are usually three explanations:

He stuck himself. For example, as in the above situation, Nelson would enter the Waitlist of LANG 1002S, but because he MATH stuck himself, he could not enter at all.

Enrolment's system will first put people on the Waitlist back into the Avail interface every 30 minutes. For example, if someone just swaps MATH 1013 Lo1 to Lo5, and there is an empty seat in Lo1, the system will wait for a while and the waitlist will be ranked first. Rich people Enroll in.

Tutorial/Lab, because every Add/Swap requires an L to be paired with a T/LA (depending on each course). Even if L may be present, it cannot be entered if LA or T is missing.

And this situation of self-stuck will lead to the situation of "hitting the top". For example, Nelson is ranked first on the Waitlist of LANG 1002S To9, but as long as he MATH is stuck on himself, for

example, Samuel is ranked No. 1 on the Waitlist. Second, if there is no card in your own Timetable, as long as there is an Avail bit, you can hit Nelson's tip into the left LANG 1002S To9 first.

Since everyone's schedule is different, you need to carefully consider whether the courses are stuck with each other and cause you to swap. However, many people are better than others every year because they are stuck.

Reg Section Strategy

Prioritization: Course > Instructor > Time

Basically, take the course you want to study first, because you may need to fulfill certain requirements, or it may be a personal study plan issue (some subjects only open one SEM), it is recommended to take the course first, then a good instructor, and finally At the same time, most of the following strategies will make it easier for you to Add/Swap a new subject or avoid getting stuck.

Strategy 1: The strong man breaks his arm

Reg is the most unpopular Prof or time, and you will do whatever it takes to enroll in a Course. In the Reviews on USTSPACE, you can see that certain Profs are quite popular (for example, Lam Tsz Kin of MATH 1013), so you can expect that their Waitlist is very long, so you can target a bunch of Profs who don't have a lot of people. Add his Session, make sure you read Guo Ke first, and then go to Swap the desired Prof or time. In the past, the 9 o'clock church was very unpopular, but now if you have access to Recording, the 9 o'clock

church is not a big problem (the 9 o'clock church with Take Attendance is still very unpopular), so Add 9 clicked Session is not very helpful.

Strategy 2: Replace others with others

The situation of some course sit courses is very serious, such as MATH 1013 :), because everyone will sit with a certain Prof, so it doesn't really matter which session they go to. In addition, there are many sessions with other Profs. You can use grafting. For example, if you want to swap some subjects but are stuck, you can switch to MATH 1013 in this way, because when there are vacancies, you can swap them immediately, which makes the flexibility very high and you can free up a vacancy. At some time, swap other Courses back to the desired Session. (For example, Nelson's Case above)

Strategy 3: Get there first

Each new student can register up to 18 cred (6 subjects). If you don't know which subjects you like before school starts, you can add one more subject through Enrollment Period and add it to the Waitlist. noodle. Then when school starts, you have a choice. You can drop the subjects you don't like so much. If you find out after school starts that you don't want to study some subjects, you can go to Swap. The subject list is the place after waiting list.

Strategy 4: Wait and see what happens, take advantage of others' mistakes and take advantage of them.

As mentioned above, sometimes L may have the Available bit, but it is stuck in Tutorial/Lab and cannot enter the subject. Therefore, during the Enrollment Period, if you want to Add/Swap a new subject, but the subject cannot be entered. If there are T/LAs in the department, you can check to see if there are any T/LAs that few people want, and then change the strategy at any time. Drop left a Swap, and Target returns T/s that no one wants or few people want. LA, in this case you may be able to beat many people and get into a course early.

PS For some courses, such as COMP 1021, if you see too many people on the Waitlist, you will add Quota to each L and open a new LA Session. As long as you seize the opportunity, Reg, Lecture and new LA Session, you can directly skip them all. People on the Waitlist have successfully entered a course. (very small chance of happening)

Strategy 5: Buddhist Reg Section

In fact, there won't be any big changes in the first day or two after the Enrollment Period starts. You don't have to check the Waitlist to check your progress. Since many people are more advanced in Reg, they go to the last step of Add/Drop. There will be a lot of empty seats on the day, so wait slowly. When fate comes, you will be Enrolled. Don't be too afraid of not having enough books to read. In the end, you will have a lot more courses to compare with you.

Common Core strategy

HKUST has been changing its CC (Common Core) policy in recent years, and this year's CC is also the latest, including three major areas: Foundations (Skillsets & Mindsets), Broadening (With Specific Outcomes), and Experiencing. You need to read in total 30 Credits. The following will introduce the main readings of each category one by one.

Common Core Groups	Credits	Common Core Areas	Credit Breakdown
Experiencing (from Year 2 Summer)	0 to 3	Undergraduate experiential Opportunities Programs (UxOP): • Undergraduate Research Opportunities Program (UROP); • Undergraduate Teaching Opportunities Program (UTOP); • Undergraduate Practice Opportunities Program (UPOP); • Undergraduate Global Challenges and Opportunities Program (UCOP) (can be substituted by any Broadening courses)	0 to 3
Broadening (with specific outcomes) (from Year 1 Spring upon completion of one E-Comm course)	12 to 18	Arts (A) Humanities (H) Science (S) Technology (T) Social Analysis (SA)	12 credits under stipulated program-specific areas; 0 to 6 credits under any areas as substitution to CTDL/UxOP
Foundations (skillsets & mindsets) (preferably taken in Year 1)	12 to 15	Cognitive Foundations of University Education: Critical Thinking and Data Literacy (CTDL) (can be taken in any year; can be substituted by any Broadening courses)	0 to 3
		Behavioral Foundations of University Education: Habits, Mindsets, and Wellness (HMW) (year-long in Year 1)	3
		English Communication (E-Comm) (in Year 1)	6
		Chinese Communication (C-Comm) (in any year)	3
	30	Total Credits Required	

Foundations (Skillsets & Mindsets) (12 cred)

Behavioral Foundations of University

Education (3 cred)

HMAW 1905B : This subject will have 1 cred in Fall Sem and 2 cred in Spring Sem. As a course that succeeds the old courses HLHT 1010 and CORE 1905, HMAW 1905 mainly involves attending Seminar and playing with Peer Mentors.

There is also the Wellness Requirement that Freshmen must complete every year, that is, doing exercises and swimming in the water while attending HKUST.

English Communication (E-comm) (6 cred)

LANG 1402/1403A/1404 : A LANG Course that most people at HKUST take. The Course Material is the same every year. It talks about Change Maker, which is quite boring. It is said that the Language Center wants to change the topic. I hope there will be a better topic this year. The workload of the course is average, take attendance, there are two Vocab Tests, two Speaking and two Writing Tasks. If you are absent from 6 classes, you will get an F, so the 9 o'clock Lang class is very unpopular. LANG is divided into three streams, 1402/1403A/1404. 1404 is for students who got 5* higher than DSE. Class 1403A is for Level 5, and 1402 is for the rest of the students.

Chinese Communication (C-comm) (3 cred)

LANG (C-comm) is the only one among Common Core's Foundations that cannot be completed in Year 1. There are many LANG Courses (LANG1416, LANG1421, LANG1422) and even HUMA Courses (HUMA2660) that can fulfill this requirement. You can decide when to study and immerse yourself in each subject according to your study plan.

B

roadening (With Specific Outcomes)

HKUST hopes that everyone can understand other areas besides their own Major and expand their horizons. Therefore, everyone is required to read the 30 cred Common Core, which includes 5 areas, A (Arts), H (Humanities), S (Science), T (Technology), and SA (Social Analysis). There is no limit to reading in Common Core. You can choose and read based on your own interests. However, it should be noted that some courses of this type are very popular, just like SOSC 1960, which has hundreds of waitlists. If you really can't wait, you can consider reading it later.

Experiencing

In this field, there is no mandatory number of creds to read, the main thing is that people who are interested can read it. It includes some Introduction Courses such as research/teaching. If you write 0 to 3 cred, it is not compulsory to read it, but if you have read it, you can Burdening. This field requires less than 3 cred lor~

COMP/CPEG compulsory subject guide

Basically, COMP and CPEG have roughly the same things to read, especially Year 1 / Year 2. So here are some courses that you can't miss if you have entered or want to enter COMP and CPEG.

COMP Major Requirement: https://ugadmin.hkust.edu.hk/prog_crs/ug/202324/pdf/23-24comp.pdf

CPEG Major Requirement: https://ugadmin.hkust.edu.hk/prog_crs/ug/202324/pdf/23-24cpeg.pdf

MATH 1012/1013

One of the School of Engineering Fundamental Courses, it is also a place where many people fail to grade. What is taught is basic Calculus, such as Limits, Differentiation, Integration, Graph Plotting, Riemann Sum, etc. The school assigns those with M1/M2 scores of 3 or above to 1013, while those who have no M1/M2 scores are assigned to 1012. Basically, the content taught by both sides is the same, but the Grading System is slightly different. It is worth mentioning that this subject is Absolute Grading, so whether it is a good grade or not is a matter of opinion.

COMP 2011 (Programming with C++)

Several different students take the COMP course, which uses C++ to teach basic programming concepts: Variables, Control flow (if, while, do while...), Array, Pointers, Dynamic Allocation, basic Data Structures (Linked Lists, Stacks, Queues, Binary Trees), Recursion and basic object-oriented programming (OOP).

The workload of this course is quite large, with one Lab per week, and there are usually 3 PAs (Programming Assignments) and a Final Exam.

Each PA will be issued according to the progress of the class, and different PAs will also have themes and restrictions (for example: Pointers cannot be used in the first PA). I believe the difficulty of this course will not be too difficult for you, but it will

take more time to debug. By the way, I would like to advise everyone to pay attention when taking 2011, because the subsequent COMP 2012 (Object-Oriented Programming and Data Structures) will be more complex and complicated, and you need to master the basic skills in 2011.

COMP 2611 (Computer Organization)

For many years, our engineering goddess Dr Cindy Li and Dr Alex Lam (Lin Yue) have been responsible for the Course. It mainly talks about the logic of logic gates in computers (the difference from ELEC2350 is that the COMP version focuses on logic, but the ELEC version focuses on circuits), binary/ten/hexadecimal Conversion, Sequential Logic (SR-latch, D-latch, D flip-flop), IEEE 754 (standard for floating point numbers) and writing Assembly Code using MIPS. Personally, I strongly recommend taking a class with Reg Cindy because she really teaches well.

The Grade of this course is also very famous. I heard that the Grade of ELEC2350 is pretty good. If your classmates are CPEG, you can consider reading the ELEC version.

COMP 2711 (Discrete Mathematical Tools for CS)

The main contents of this course are Boolean Logic, proofs, Number Theory, Cryptography, Graph Theory, Algorithm Analysis, Probability and Combinatorics. The content of this course is very simple based on the examples in the lecture, but the actual problems are much more difficult. So it's best not to miss those Tutorials (but the teachings

of those Tutors are really boring). You can consider buying a textbook for the first lecture of Prof. It has more examples and questions of different levels.

postscript

Before going to the end, first of all, thank you for watching until the end („• - •„). I hope this article can help you solve most of your questions, but there will definitely be more questions in the future. If you have anything to ask, you can PM us and we will answer it as soon as possible! In addition, we will also publish the latest news on social media. If you want to know as soon as possible, please follow our IG.

In addition, we will have a counter at Atrium from August 8th to 9th. You can ask us questions about Engine, HKUST, CS, O'Camp, etc., and we can help you register for O'Camp., or simply come to share verses with us!

Below is our O'Camp information, everyone is welcome to participate.

16 - 18 / 8

The Computer Science and Engineering
Students' Society, HKUSTSU, Session 2024 - 2025.

CS O-Camp!



Contact:

Ray (56867067),
Kelvin (90815518),
Cola (66504884)

HKUST Campus, Camptopia

If you go to UST's FM BB spot, you can miss the once-in-a-lifetime O'Camp. ❤️

❤️~ Welcome to UST's Freshmen BB ノ (*ΦωΦ) ツ
Dear Freshman BBs who have just arrived at HKUST, you must not miss it and stay tuned to O'Camp!

Coming soon, August 16th to 18th will be our CSESS O'Camp ❤️! Real fire Campfire 🔥, cooling water battle 💧, exciting suspense D-Game 🎲, you name it! When you get to know your friends, you

can also get to know your seniors (*^-^*) This year, we will take you into a dark world of suspense. As long as you expose your name, you will lose everything, and experience a battle of wits and courage with the god of death. Without going into too much detail, we, the firmest and warmest group, are waiting for everyone to participate 😊, and join the CSESS family as soon as possible!

Details are as follows ↴



Date: August 16-18



Fee: \$780



Location: On-campus and off-campus



Registration: <https://csess.page.link/ocamp>

If you have any enquiries, please contact 😍



Ray (5686 7067)



Kelvin (9081 5518)



Cola (6650 4884)

Useful Links

USTSPACE HKUST Community (<https://ust.space>)

This website mainly allows you to see the evaluation of each course. You only need to enter a course code to find a lot of people who have read it before and think this course is good. Not easy to read, good or bad. Grade. It

is an important indicator for choosing to read CC and Elective.

UST Class Schdule and Quota (<https://w5.ab.ust.hk/wcq/cgi-bin/2240>)

You can see the quota and waitlist for each course in real time, as well as the lecture.

Taught by a Professor. Basically, it must be used during reg surgery.

CoUST | HKUST Timetable

Planner (<https://coust.github.io>)

Personally, I think it's best to use Timetable.

It's better to use the official one. Basically, you can view the Timeslot at a glance after pulling it out, so you don't have to fiddle with each one one by one. It won't hit.

Official Website: <https://csess.su.hkust.edu.hk/>

Instagram: <https://www.instagram.com/csess.hkustsu/>

Facebook: <https://www.facebook.com/csess.hkustsu/>