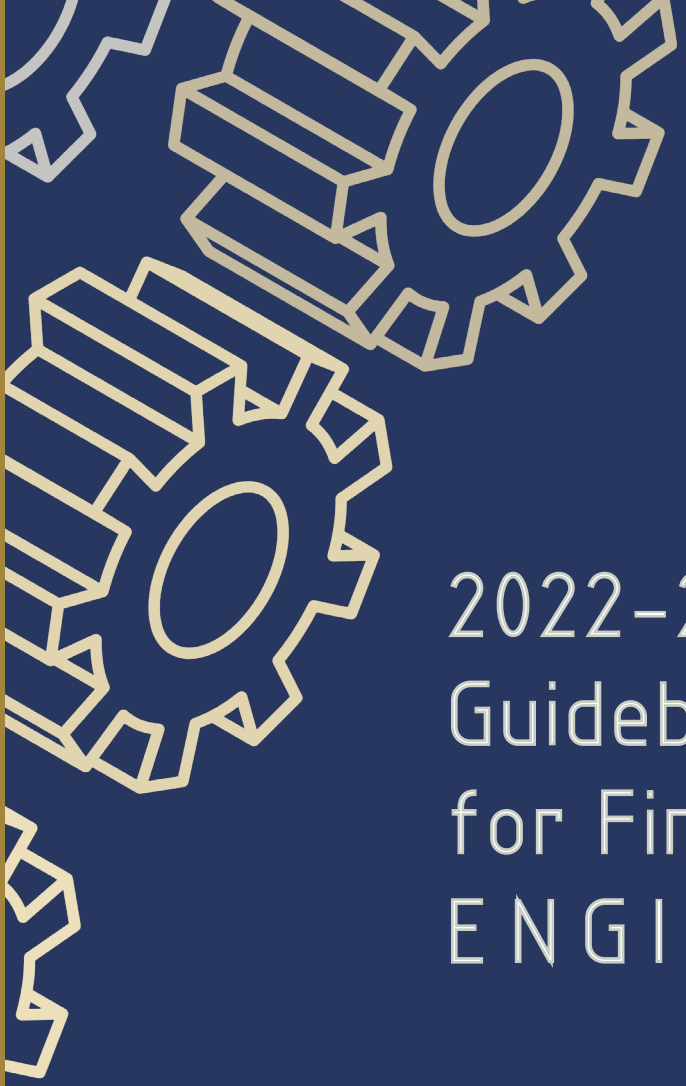

2022-2023 Guidebook for First-year ENGINEERS

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Welcome Message from Director

Professor Ben CHAN

Welcome School of Engineering Students!

You are joining the Engineering family at the most exciting time – both at the university and in the industry. COVID-19, together with the complex challenges of the fast-moving digital world has led to a large development in the field of engineering and a need to cultivate new ways of thinking and developing ideas. Artificial Intelligence, digital media, metaverse, NFT, sustainable city … there are a lots of exciting elements in the school for you to learn and explore.

The School of Engineering combines excellence in teaching theoretical principles and engineering design concepts with practical hands-on experience within a curriculum designed to foster both technical proficiency and communications skills. The first year is an imperative time for all of you. It signifies a unique phase in your learning, where you have been given control of the choice of what and how to study. We feel proud to provide quality education to learners through well-qualified faculty and staff, excellent infrastructural facilities, a digital library, and well-equipped laboratories.

Once again, welcome to our campus and I look forward to seeing you this fall either in my classroom or somewhere on campus. I invite you to explore the University beyond the classroom to interact with our peer mentors, staff, and professors and participate in a lot of clan-based activities throughout the first year.

You may wish to obtain more information about what to do before the semester starts. Please visit our website (sengreg.hkust.edu.hk) for more details. Should you have any queries regarding academic issues, please do not hesitate to ask our peer mentors and colleagues in the Center for Engineering Education Innovation (E^2I). You may talk to them directly in the advising office located inside the 2/F Engineering Commons.

Have a fruitful university life at HKUST!

Best wishes,

Professor Ben CHAN
Director
Center for Engineering Education Innovation (E^2I)

Your **Journey** This Year !

Congratulations on your acceptance into the School of Engineering (SENG) at The Hong Kong University of Science and Technology (HKUST)! This guide is meant to help launch your undergraduate journey and create your path to academic success. It contains important information and dates that you will need to begin your transition into the School. This is an interactive guide, just scan or click the QR codes to get additional information.

The path below outlines the major activities that you will experience in the coming year.

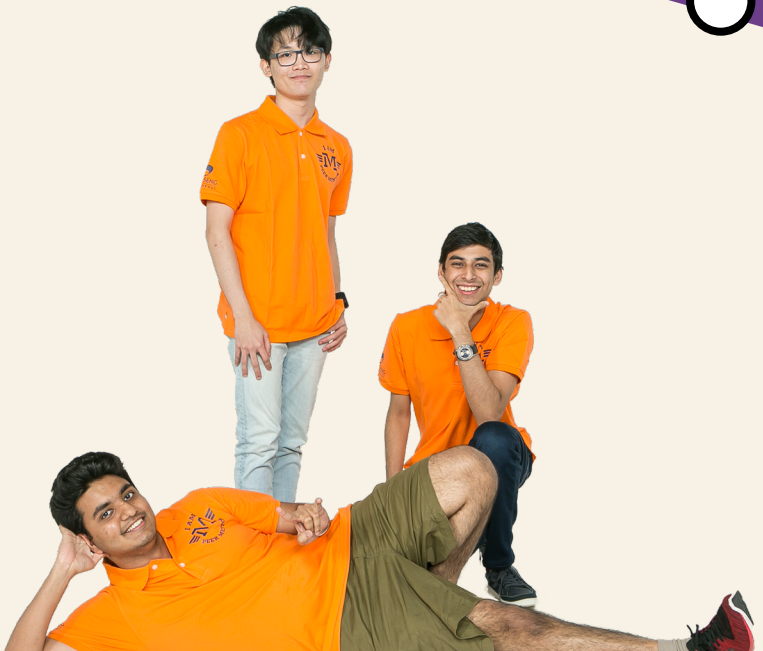
Registration

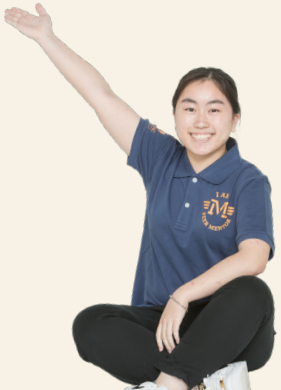
Pre-enrollment

Clan Selection

SENG Orientation

Major Selection





Registration & Induction

Completing online registration is the first step in joining the SENG community. With the student ID number, you can follow the online registration guide to activate your ITSC network account and pre-enroll in courses. You will also join a clan to get academic advice from faculty advisors and senior year mentors. To activate your ITSC network account, please scan the QR code on the right:

ITSC Account

The univerisity provides each student an ITSC network account, which allows you to access various campus services and computers within the campus. Please remember your ITSC login and password as you will need to use it frequently.

Student ID Card

Your HKUST Card will be issued after you complete the online registration process. This card serves as your library card, access card and electronic payment system for university services like printing from the computer barns.
You can download the "hkust student" app and use the e-identity to enter campus.

SENG's Clans

All engineering undergraduates will be assigned to a clan as part of the first-year SENG academic advising program. Each clan is supported by SENG faculty, academic advisors, and senior-year student mentors to help you have a successful transition from high school to university.

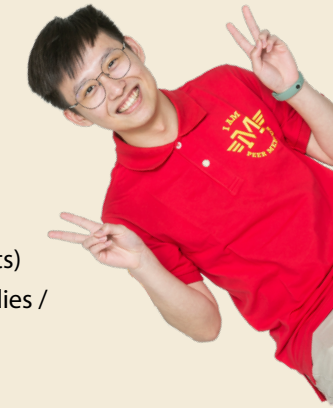
To become a registered student you will need to complete both program registration and class enrollment procedures before the deadlines. Your tuition and other fees need to be paid before the registration process is considered completed.

Important Dates

Deadline for Pre-enrollment	15 Aug 2022 (5:30 pm)
Class Enrollment (1st-year students)	26 Aug 2022
SENG Welcome & Orientation	30 Aug 2022
Commencement of Fall semester	1 Sep 2022
Add/Drop Period	1-15 Sep 2022

Class Enrollment

You may begin the enrollment process after your ITSC network account has been activated.



Step1: Pre-enrollment

The following required courses* have already been pre-enrolled for you (9 to 10 credits in total):

MATH 1012 / MATH 1013 - Calculus IA / Calculus IB (4/3 credits)
CORE 1401 / CORE 1402 - Intensive English for University Studies / English for University Studies (3 credits)
CORE 1905B - Behavioral Foundations of University Education: Habits, Mindsets, and Wellness (3 credits)

You may also pre-register for other Engineering introduction and fundamental courses during this process. Refer to HKUST's Program Catalog for more information about courses. The deadline for pre-enrollment for Fall is 5:30pm, 15 Aug 2022 (HKT). The school will try to register at least one of the courses that you selected in the pre-enrollment period.

Step2: Class enrollment

Apart from the pre-enrolled courses, you can add all other courses during this period. It's recommended that you take 15 to 18 credits per semester. See the FAQ for further course enrollment details.

*Credit transfers may be applicable.

SENG Orientation

What should I prepare?

The only thing you need to prepare is your student ID card, then you can have fun and interact with your U-mate!

Is there a fee?

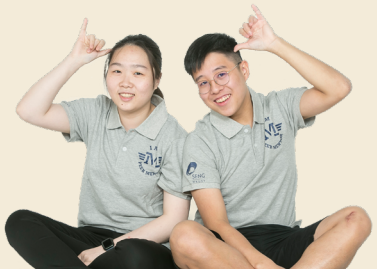
SENG Welcome & Orientation is offered at no cost to students.

How do I sign up?

You will be automatically registered for the SENG Welcome & Orientation after clan selection. The orientation is an essential part of the first-year experience events and programs.

@ hkust.e2i

Follow us on Instagram and keep posted on our upcoming events!



This is SENG's official undergraduate orientation day camp. This event is designed to help participants mingle with each other while having fun tackling team challenges. You will participate in activities that elevate your problem-solving, teamwork, and communication skills. The camp will provide you with a memorable experience with your new friends in the clan.

**This year, it will be held on 30 August 2022 at the Shaw Auditorium.*

Info Page for First-year ENGINEERS

Info Page is your one-stop location on CANVAS which will provide you with up-to-date information regarding major selection exercises, engineering seminars, other workshops, and clan activities. All the queries regarding the aforementioned will also be answered.

canvas

CANVAS is a learning management system available for many courses. You can download course materials and read the course announcements in CANVAS. You may also be required to submit assignments for some courses via CANVAS.

Outlook

Check your HKUST email daily!
Some of the official announcements and important messages from the School of Engineering will be sent to you via ITSC email.

If you have any questions regarding your engineering studies, you can also contact our academic advisors through this email address: sengadvisor@ust.hk

Canvas's QR code

Academic Advising

The Center for Engineering Education Innovation (E^2I) facilitates SENG's advising program for first-year students. We are here to support you in your academic pursuits and to instill a sense of belonging to the SENG community at HKUST. Our dedicated team of Faculty Advisors and Professional Staff Advisors are here to help you navigate through your undergraduate journey.

Faculty Advisor

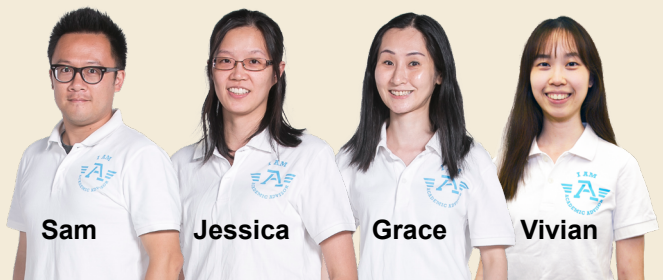
Faculty Advisors from different Engineering majors serve as professional mentors who are here to share their experience and support your academic pursuits. Meeting with them is an excellent opportunity to learn more about the major programs, research and career opportunities, and options for graduate study. Details of the sharing/meeting will be announced in Canvas.

Academic Advisor

Academic Advisors at E^2I serve as your main resources for academic advising and personal counseling. They are here to help you develop your educational plans and guide you on a range of academic issues from course enrollment to major selection. You can find them in the Advising Office, at the Engineering Commons. You can also contact them at (852)2358-5935 / 2358-5937 / 2358-8224 or sengadvisor@ust.hk

"We are here to help!"

- Academic Advisors



Advising Office (Rm.2581)
Engineering Commons
Academic Building
(via Lifts 27-28)

Opening Hours:
Mon. to Fri. 09:00-17:30

Peer Mentoring Program

First-year engineering advising through the Peer Mentoring Program (PMP) is based on a clan system. The members of each clan consist of a mix of local, mainland, and international first-year engineering undergraduates. Every clan is supported by SENG faculty, academic advisors, and senior-year student mentors. In addition, to providing support and advice through peer mentoring sessions, the PMP offers holistic student development workshops to enhance the student learning experience and development.

Clan Themes

The SENG clan system comprises three themes: Community Engagement, Music & Art, and Sports. Incoming engineering undergraduates will be assigned to one clan and one mentor in the clan. Each clan will plan its own activities and gatherings based on the clan theme. Other than participating in activities organized by your clan, you are recommended to join other clans' events too. Grab the chance to meet new friends in and beyond your clan's community!

Clans and Themes		
Community Engagement	**Music & Art**	**Sports**
Clan 1 Inno	Clan 2 Eden	Clan 3 Galaxy
Clan 4 Arcady	Clan 5 Eureka	Clan 6 Nova
Clan 7 Xeno	Clan 8 Maestro	Clan 9 Endorphin

Major Program Choices

First-year students can declare their major program at the end of year one if they fulfill several requirements. (The requirements will be announced later). Here are the programs SENG provides.

SENG	CBE	BEng in Bioengineering
		BEng in Chemical Engineering
		BEng in Chemical and Environmental Engineering+
	CIVL	BEng in Civil Engineering
		BEng in Civil and Environmental and Engineering
	CPEG	BEng in Computer Engineering
	CSE	BEng in Computer Science
	ECE	BEng in Electronic Engineering
	IEDA	BEng in Decision Analytics
		BEng in Industrial Engineering and Engineering Management
	MAE	BEng in Aerospace Engineering
		BEng in Mechanical Engineering
	SUSEE	BEng in Sustainable Energy Engineering+
	ISDN	BSc in Integrative Systems and Design
SENG x SSCI	DSCT	BSc in Data Science and Technology+
IPO	EVMT	Environmental Management and Technology
	DDP*	BEng in one of the School of Engineering Majors & BBA (a 5-year program)
SBM	RMBI	Risk Management and Business Intelligence

*not applicable for SENG majors marked with +
Certain "major + extended major" combinations are also available.
For further details, please check: https://emia.hkust.edu.hk/extended-majors

Courses for Pre-enrollment

Students can learn more about each engineering program by enrolling in introduction courses. Below you can view a list of courses mainly for first-year students that are offered for pre-enrollment in the 2022 Fall semester. *(Credit transfer may be applicable)

CORE 1905B	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	[3 Credits]

This course will help students adapt to university life through advising, sharing and discussion, and applying the science of well-being to enhance their personal and interpersonal development. It also aims to foster their self-understanding and confidence as young adults who can fully enjoy their university education and career thereafter. The course has 3 components: Lectures and Seminars, Self-Directed Experience, and Advising and Community Meetings. Lectures and Seminars will orientate students to their respective Schools/IPO, provide academic advices and equip them with the scientific bases of well-being. Self-Directed Experience will provide opportunities to develop mindsets and habits for students' physical and social-emotional wellness and personal enrichment. In Advising and Community Meetings, students will bring knowledge and skills together through reflection and discussion with peers and School/IPO advisors. Topics such as learning and time management skills, purpose of university education, and planning for personal and professional development will be covered. Graded PP, P or F.
Exclusion(s): IDPO 1010

CORE 1401 or CORE 1402	Intensive English Studies in University Studies or English Studies in University Studies	[3 Credits]

CORE 1401:
This is an intensive English language course for students in their first year of study who need language enhancement and proficiency training to build a strong foundation in English. Students will develop the language skills necessary to communicate effectively and complete academic tasks in an English-medium university. They will also build skills and habits for self-directed learning at university. The content of this course focuses on developing students' language foundation, and tasks and activities are designed so that they can receive enhanced teacher support and feedback.
Exclusion(s): LANG 1002, LANG 1003, Level 3 or above in HKDSE English Language

CORE 1402:
This course aims for students in their first year of study and will develop students' spoken and written language proficiency. The course also introduces academic literacy skills common to all disciplines. Students will learn to evaluate others' opinions, develop strong arguments and communicate those arguments effectively in written and spoken English. In addition to traditional academic writing, the course includes elements of academic communication that go beyond the text level to incorporate academic communication that includes text and audio. They will also build skills and habits for self-directed learning at university.
Prerequisite: (Level 3 in HKDSE English Language with all papers at or above level 3) OR (Level 4 in HKDSE English Language) OR (Level 5 in HKDSE English Language with some papers but not all at or above level 4) OR (Overall bandscore of 6.0 in IELTS) OR (Overall bandscore of 6.5 in IELTS with some but not all subscores at or above 6.0) OR equivalence of the above
Exclusion(s): LANG 1002, LANG 1003

MATH 1012 or MATH 1013	Calculus IA or Calculus IB	[4 or 3 Credits]

MATH 1012:
This is an introductory course in one-variable calculus, the first in the Calculus I and II sequence, designed for students that have not taken HKDSE Mathematics Extended Module M1 or M2. Topics include functions and their limits, continuity, derivatives and rules of differentiation, applications of derivatives, and basic integral calculus.
Exclusion(s): Level 3 or above in HKDSE Mathematics Extended Module M1 or M2; AL Pure Mathematics; AL Applied Mathematics; MATH 1003, MATH 1013, MATH 1014, MATH 1020, MATH 1023, MATH 1024

MATH 1013:
This is an introductory course in one-variable calculus, the first in the Calculus I and II sequence, designed for students that have taken HKDSE Mathematics Extended Module M1/M2. Topics include functions and their limits, continuity, derivatives and rules of differentiation, applications of derivatives, and basic integral calculus.
Prerequisite(s): Level 3 or above in HKDSE Mathematics Extended Module M1/M2;
Exclusion(s): AL Pure Mathematics; AL Applied Mathematics; MATH 1003, MATH 1012, MATH 1014, MATH 1020, MATH 1023, MATH 1024

Students can also choose the following courses from e-advising system

CENG 1000	Introduction to Chemical and Biological Engineering	[3 Credits]

From chemistry to engineering, molecules to useful products. Physical, chemical and biochemical transformation of materials. Survey of industries related to modern chemical and biological engineering. Basic principles of materials and energy balance. Strategy of molecular synthesis, process selection and design, economic and environmental considerations. Examples taken from a diverse range of products spanning realms of food, consumer products, energy, environment, and medicine. Case studies and team projects on process and product design. For engineering students only.

CENG 1700	Introduction to Environmental Engineering	[3 Credits]

Fundamentals of environmental impact assessment will be discussed. Life cycle analysis of carbon and energy will be introduced using case studies. Principles of environmental engineering for control of air, water, solid and noise pollution will be discussed, including global pollution, pollution prevention and minimization. Cost of available technologies will be analyzed.
Exclusion: CIVL 2140

CHEM 1008	Introductory Chemistry	[3 Credits]

This course targets science or engineering students with very little to no chemistry background. It provides a general introduction to basic principles of chemistry. Key topics include state of matters, atoms and elements, molecules and compounds, atomic structures and periodicity, molecular structures, quantities in chemical reactions, bonding theories, acids and bases, and solution chemistry.
Exclusion(s): Level 3 or above in HKDSE 1/2x Chemistry OR HKDSE 1x Chemistry, a passing grade in AL/AS Chemistry, any CHEM courses at or above 1004-level

CHEM 1020	General Chemistry I	[3 Credits]

This course targets at students who have acquired more advanced knowledge in fundamental Chemistry in high school. Key topics include atomic structure and periodicity, bonding theories, chemical energy, and properties of gases, liquids and solids. Other topics such as chemical kinetics, chemical equilibrium and organic molecules will be briefly reviewed.
Prerequisite(s): Level 3 or above in HKDSE 1/2x OR level 3 or above in HKDSE 1x Chemistry OR CHEM 1008
Exclusion(s): CHEM 1010

CIVL 1100	Discovering Civil and Environmental Engineering	[3 Credits]

A general overview of civil and environmental engineering, infrastructure development and engineering ethics is provided. The course includes both lectures and laboratory sessions, where the laboratory sessions are primarily directed to students who require the development of feasible conceptual solutions for the analysis and design of the basic problems in structural, geotechnical and environmental engineering. For first year engineering students under the four-year degree curriculum only.

COMP 1021	Introduction to Computer Science	[3 Credits]

(If you are considering to study DSCT and you have granted credit transfer in COMP1022P, you are highly recommended to take this course COMP2011 as it is required by DSCT)
This course introduces students to the world of Computer Science. Students will experience a range of fun and interesting areas from the world of computing, such as game programming, web programming, user interface design and computer graphics. These will be explored largely by programming in the Python language.
Exclusion(s): COMP 1022P, COMP 1022Q (prior to 2020-21), COMP 2011, COMP 2012H

ELEC 1100	Introduction to Electro-Robot Design	[4 Credits]

The course introduces the fundamental knowledge on the design, implementation and evaluation of a robot and its sub-systems. It covers the basic principles of analog and digital circuits as well as robot sensing and control mechanisms. Students have to apply the knowledge and principles learned to design and build a functional robot by the end of the course. Students who have completed ELEC 2200, ELEC 2350, ELEC 2400, ELEC 2420, or ELEC 3310, must obtain instructor's approval to take this course.

ELEC 1200	A System View of Communications: from Signals to Packets	[4 Credits]

Have you ever wondered what technologies go into your mobile phone or a WiFi hotspot? Through hands on work with a simple but fully functional wireless communication system, you will understand the basic engineering tools used and tradeoffs encountered in the design of these systems. This course is centered on weekly laboratories, each designed to introduce an important concept in the design of these systems. The lab sessions are supported by two one-hour lectures and a tutorial that introduce the concepts for the next laboratory, as well as reviewing and expanding the concepts learned in the previous laboratory.
Corequisite(s): (COMP 1021 OR COMP 1022P) AND (MATH 1003 OR MATH 1014 OR MATH 1020 OR MATH 1024)
Mode of Delivery: [SPO] Self-paced online delivery; [BLD] Blended learning

ENGG 1100	First Year Cornerstone Engineering Design Project Course	[3 Credits]

This project course is designed specifically for first year engineering students. This course aims at providing engineering students experiential learning experience through exposing students to knowledge and skills from different SENG disciplines before making decision on their majors. Students in this course will be divided into design teams. Each team will use the acquired knowledge and skills to design and build an engineering artifact, e.g. an airship. In order to offer the course at scale, the technical components will be offered online and students would be engaged in experiential learning through working on team projects. For First year Engineering students only.
Exclusion(s): ENGG 1200
Mode of Delivery: [BLD] Blended learning

IEDA2010	Industrial Engineering and Decision Analytics	[3 Credits]

This course provides an introduction to industrial engineering and decision analytics (IEDA). It comprises of two parts. The first part introduces basic IE analytical tools, such as optimization, game theory, probability and statistics, at a conceptual level. In the second part, many of the IEDA practical concepts, including production and operations management, logistics and supply chain management, financial technology are introduced.
Exclusion(s): IEDA 2200

LIFS 1901	General Biology I	[3 Credits]

This course targets science students not having taken HKDSE 1x Biology or AL/AS Biology. It provides students with a general overview of fundamental biology: basic characteristics of life (the chemistry of life, cells), vital life processes (respiration, photosynthesis, genetics), essential concepts of evolution and ecology, and so on.
Exclusion(s): Level 3 or above in HKDSE 1x Biology, a passing grade in AL/AS Biology

ISDN 1001	Introduction to Integrative System and Design	[3 Credits]

This is a foundation course in which students will learn about the societal, economical, and cultural impact of integrative systems and the importance of integrating design into the creation of integrative systems. Through lectures, discussions, case-study and presentation, hands-on dis-assembly and re-assembly exercises, students will learn about the basic design principles, design terminology, design skill-sets, design thinking and process, and how a good design relates to the design principles. Students will also learn about what is an integrative system and the importance of using technology to build an integrative system and how it is decomposed into different sub-systems that involve multiple technology components, interacting with each other.

ISDN 1002	Redefining Problems for the Real Needs	[3 Credits]

Design Research is an introduction of research methodology and methods used for exploring problems as well as identifying opportunities for design initiatives. It guides designers how to unravel needs and problems in the real world before inventing. This course introduces students various design research principles, methods and ethics for investigating people and their world. It is a learning-by-doing course in which students, work in groups, learn the principles in class and apply them in the field. The course sets out several challenges in local context. After conducting both contextual research and user research, students are guided to seek insights and identify opportunities for technological innovation aiming to solve the identified problems. Overall, students explore the real world in a lively yet methodical way.

MECH 1902	Energy Systems in a Sustainable World	[3 Credits]

Various fuels used by mankind, fossil and renewable sources; power generation technologies and the controversies; energy efficient technologies and the applications in buildings and consumable products; energy efficient manufacturing technologies; low energy infrastructure and impact to modern life style; myths behind sustainable energy systems and the debates; energy entrepreneurship, case studies and social impact.

MECH 1906	Mechanical Engineering for Modern Life	[3 Credit(s)]

Mechanical Engineering covers the broadest range of engineering amongst all related disciplines. In addition to the production of modern products useful in daily life, it is also associated with power generation and distribution, as well as new materials development. These will be used to explain mechanical engineering principles and their usage in product design and manufacture. Contents include Engineering Materials, Solid Mechanics and Structural Design, Renewable Energy, Indoor Environmental Quality, Smart Green Building, Energy Design, Sensors and Instrumentation, Robots and Controls, together with MEMS and LED Fabrication. First year students are preferred.

MECH 1907	Introduction to Aerospace Engineering	[3 Credit(s)]

Introduction to the field of Aerospace engineering, discussion of basic aerospace systems and disciplines, working vocabulary of the field. Basic concepts. Demonstration through examples.

PHYS 1101	Introductory Physics	[4 Credit(s)]

This course is for students with no physics background. It can serve as a standalone introduction to physics or as a preparatory course for students who intend to take PHYS 1112. It is not a preparatory course for PHYS 1111; students with no calculus background who plan to take General Physics should take calculus concurrently with PHYS 1101 so that they meet the prerequisites for PHYS 1112. Topics covered include heat and gases, force and motion, waves, and electricity and magnetism.
Exclusion(s): Level 3 or above in HKDSE 1/2x Physics or HKDSE 1x Physics; any PHYS courses at 1100-level or above

PHYS 1112	General Physics I with Calculus	[3 Credits]

PHYS 1111 and PHYS 1112 target students who have learned the most basic knowledge in physics in high school. Students with more advanced physics background should consider taking PHYS 1312. PHYS 1112 employs a calculus-based approach. Students without knowledge of calculus should take PHYS 1111 instead. Key topics include motions and Newton's Laws, work and energy, conservation of energy and momentum, rotation, rigid body, simple harmonic and damped oscillations, forced oscillations, standing waves and sound waves, kinetic theory and the laws of thermodynamics. Students without the physics prerequisite but who have taken PHYS 1101 or equivalent, and/or without the mathematics prerequisite but who have taken MATH 1012/ MATH 1013/ MATH 1020/ MATH 1023 or equivalent may seek instructor's approval for enrolling in the course.

Prerequisite(s): (Level 3 or above in HKDSE 1/2x OR in HKDSE 1x Physics) AND Level 3 or above in HKDSE Mathematics Extended Module M1/M2

Exclusion(s): PHYS 1111, PHYS 1312

Engineering Introduction courses include:

BIEN 1010	CENG 1000	CENG 1500	CENG 1700
CIVL 1100	COMP 1021	ELEC 1100	ELEC 1200
ENGG 1100	IEDA 2010	ISDN 1001	ISDN 1002
ISDN 1006	MECH 1902	MECH 1906	MECH 1907

Common Core Courses

University education is more than just professional training. The common core courses bring to students a balanced and broad education that nurtures them to be responsible citizens and independent thinkers with the heart and aspiration to excel in their endeavors. Apart from the Major Program requirements, students are also required to take a total of 30 credits from 3 tiers of common core groups, which provide students with more inter-disciplinary and experiential learning opportunities.

Common Core Groups	Credits	Common Core Areas	Creadit Breakdown
Experiencing (from Year 2 Summer)	0-3	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)	0-3
Broadening (with specific outcomes) (from Year 1 Spring upon completion of one E-Comm course)	12 to 18	Arts (A)	12 credits under stipulated program-specific areas; 0 to 6 credits under any areas as substitution to CTDL/ UxOP
		Humanities (H)	
		Science (S)	
		Technology (T)	
		Social Analysis (SA)	
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**	

Scan the QR code on the right to find the course list and further details of the common core framework:

Academic Calendar

Week	S	M	T	W	T	F	S	Events		General Holidays	
	August, 2022										
		1	2	3	4	5	6				
	7	8	9	10	11	12	(13)	13	Last day of Summer Term, 2021-22		
	14	15	16	17	18	19	20				
	21	22	23	24	**25**	**26**	27	25-26	Class Enrollment starts – All UG students *		
	28	29	30	31				[* A validation period for class enrollment will be arranged prior to these dates]			
	September										
1					(1)	**2**	**3**	1	Commencement of the 2022-23 Academic Year		
1	4	**5**	**6**	**7**	**8**	**9**	**10**	1	Fall Term commences		
2	11	12	**13**	**14**	**15**	16	17	1-15	Add/Drop Period	*12*	*The second day following the Chinese Mid-Autumn Festival*
3	18	19	20	22	23	24	25				
4	25	26	27	28	29	30					
	October										
4							1			*1*	*National Day*
5	2	3	4	5	6	7	8			*4*	*Chung Yeung Festival*
6	9	10	11	12	13	14	15				
7	16	17	18	19	20	21	22				
8	23	24	25	26	27	28	29				
9	30	31									
	November										
9			1	2	3	4	5				
10	6	7	8	9	10	11	12				
11	13	14	15	16	17	18	19				
12	20	21	22	23	24	25	26				
13	27	28	29	(30)				30	Last day of Fall Term classes		
	December										
					1	**2**	**3**	1-6	Study Break		
	4	**5**	**6**	**7**	**8**	**9**	**10**				
	11	**12**	**13**	**14**	**15**	**16**	**17**	7-19	Fall Term Examinations		
	18	**19**	20	21	22	23	24	19	Last day of Fall Term	*26*	*The first weekday after Christmas Day*
	25	26	27	28	29	30	31			*27*	*The second weekday after Christmas Day*

Remarks: ***Due to uncertainty surrounding the COVID-19 situation in Hong Kong, the important dates of the calendar may need to be adjusted at short notice.***

Public holiday — First/Last day of Term classes

Examination Period/Break — **Boldtype** Important dates for students to note

Week	S	M	T	W	T	F	S	Events		General Holidays	
	January, 2023										
	1	2	(3)	4	5	6	7	3	Winter Term commences	*2*	*The day following the first day of January*
	8	9	10	11	12	13	14			*23*	*The second day of Lunar New Year*
	15	16	17	18	19	20	21				
	22	23	24	25	26	27	28	31	Last day of Winter Term	*24*	*The third day of Lunar New Year*
	29	30	(31)					31-1/2	Class Enrollment starts – All UG students *	*25*	*The fourth day of Lunar New Year*
								[* A validation period for class enrollment will be arranged prior to these dates]			
								2	Last day for submission of final thesis examination results and thesis copies for Winter		
	February										
1				**1**	**2**	(3)	**4**	3	Spring Term commences		
1	5	**6**	**7**	**8**	**9**	**10**	**11**	3-16	Add/Drop Period		
2	12	**13**	**14**	**15**	**16**	17	18				
3	19	20	21	22	23	24	25				
4	26	27	28								
	March										
4				1	2	3	4				
5	5	6	7	8	9	10	11				
6	12	13	14	15	16	17	18				
7	19	20	21	22	23	24	25				
8	26	27	28	29	30	31					
	April										
8							1			*5*	*Ching Ming Festival*
9	2	3	4	5	**6**	7	8	5-11	Mid-Term Break	*7*	*Good Friday*
9	9	10	**11**	12	13	14	15			*8*	*The day following Good Friday*
10	16	17	18	19	20	21	22			*10*	*Easter Monday*
11	23	24	25	26	27	28	29				
12	30										
	May										
12		1	2	3	4	5	6	9	Last day of Spring Term classes	*1*	*Labor Day*
13	7	8	(9)	**10**	**11**	**12**	**13**	10-15	Study Break		
	14	**15**	**16**	**17**	**18**	**19**	**20**	16-29	Spring Term Examinations		
	21	**22**	**23**	**24**	**25**	26	**27**			*26*	*The Birthday of the Buddha*
	28	**29**	30	31				29	Last day of Spring Term		
	June										
					1	2	3				
	4	5	6	7	8	9	10				
	11	12	13	14	15	16	17				
	18	(19)	20	21	22	23	24	19/6-12/8	Summer Term	*22*	*Tuen Ng Festival*
	25	26	27	28	29	30					
	July										
							1			*1*	*Hong Kong Special Administrative Region Establishment Day*
	2	3	4	5	6	7	8				
	9	10	11	12	13	14	15				
	16	17	18	19	20	21	22				
	23	24	25	26	27	28	29				
	30	31									

Directory

School of Engineering

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- Overseas Exchange Enquiries	Web:	seng.hkust.edu.hk/exchange
Center for Engineering Education Innovation (Advising Office) 2/F, Academic Building, Rm. 2581 (Lifts 27-28)	Tel: Email: Web:	(852) 2358 5935 or (852) 2358 5937 or (852) 2358 8224 sengadvisor@ust.hk e2i.hkust.edu.hk

Department / Program Office

Dept. of Chemical and Biological Engineering 4/F, Academic Building, Rm. 4566 (Lifts 27-28)	Tel: Email: Web:	(852) 2358 7130 or (852) 2358 7150 cbe@ust.hk cbe.hkust.edu.hk
Dept. of Civil and Environmental Engineering 3/F, Academic Building, Rm. 3575 (Lifts 27-28)	Tel: Email: Web:	(852) 2358 7154 civilweb@ust.hk ce.ust.hk
Dept. of Computer Science and Engineering 3/F, Academic Building, Rm. 3528 (Lifts 25-26)	Tel: Email: Web:	(852) 2358 7000 csdept@cse.ust.hk cse.hkust.edu.hk
Dept. of Electronic and Computer Engineering 2/F, Academic Building, Rm. 2457 (Lifts 25-26)	Tel: Email: Web:	(852) 2358 7036 eequestions@ust.hk ece.hkust.edu.hk
Dept. of Industrial Engineering and Decision Analytics 5/F, Academic Building, Rm. 5551 (Lifts 27-28)	Tel: Email: Web:	(852) 2358 7100 ieug@ust.hk ieda.ust.hk
Dept. of Mechanical and Aerospace Engineering 2/F, Academic Building, Rm. 2568 (Lifts 27-28)	Tel: Email: Web:	(852) 2358 8654 menquiry@ust.hk mae.hkust.edu.hk
Computer Engineering Program Office 2/F, Academic Building, Rm. 2457 (Lifts 25-26)	Tel: Email: Web:	(852) 2358 8512 or (852) 2358 8521 ustcpeg@ust.hk cpeg.hkust.edu.hk
Interdisciplinary Programs Office 4/F, Academic Building, Rm. 4376 (Lifts 17-18)	Tel: Email: Web:	(852) 3469 2482 ipo@ust.hk ipo.hkust.edu.hk
Division of Intergrative Systems and Design 5/F, Academic Building, Rm 5591, Lift 29-30	Tel: Email: Web:	(852) 3469 2723 isd@ust.hk isd.hkust.edu.hk

Others

Scholarships and Financial Aid Office 5/F, Academic Building, Rm. 5022 (Lift 3)	Tel: Email: Web:	(852) 2358 5853 sfao@ust.hk sfao.hkust.edu.hk
Student Housing and Residential Life Office G/F, UG Hall II	Tel: Email: Web:	(852) 2358 6664 shrloinfo@ust.hk shrl.hkust.edu.hk
Academic Registry Office 1/F, Academic Building, Rm. 1381 (Lifts 17-18)	Tel: Email: Web:	(852) 2623 1111 registry@ust.hk registry.hkust.edu.hk

Frequently Asked Questions

What courses do I need to take for my program?
A list of course descriptions and credit requirements for all undergraduate programs offered at HKUST can be found in the Program Catalog and Course Catalog.

How do I enroll in courses?
Official course enrollment is completed online through the Student Information System (SIS). Registered students can access SIS via "Student Intranet" at hkust.edu.hk/stu_intranet. Details and instructions for completing this process can be found on the Academic Registry website.

What are prerequisites, co-requisites, and exclusions?
According to HKUST's Academic Regulations:

A prerequisite is a level of attainment in public examinations or a course which must be taken and passed before registration for credit in a specified course.

A co-requisite is a course which must be taken prior to, or at the same time as, the specified course.

An exclusion means you cannot enroll in the course in question if you reached a specified level of attainment in a public exam or if you have taken, or are registered in, a specified HKUST course.

Course quota and requirements can be found on the HKUST Class Schedule and Quota website.

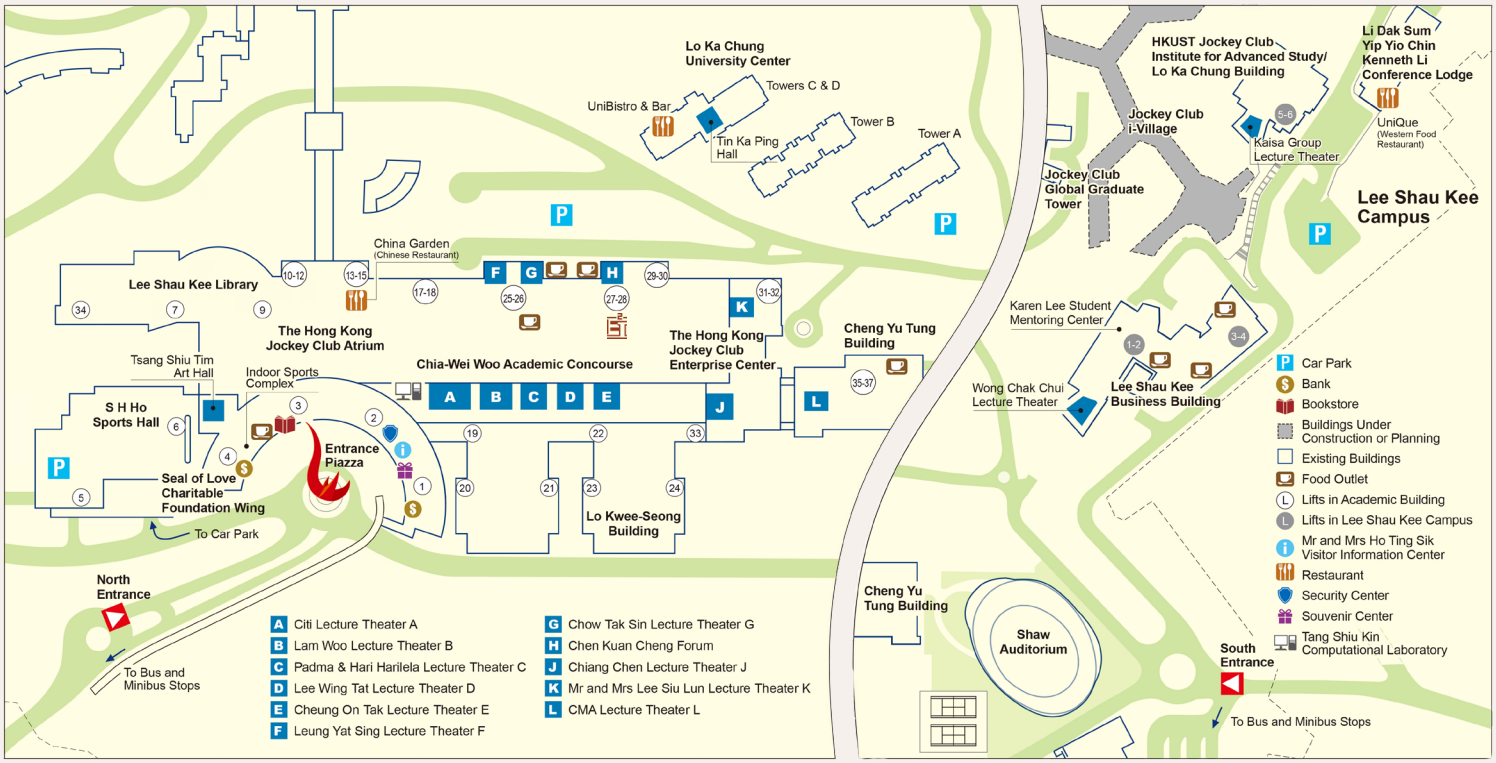
How do I get credit transfer?
Students may be granted transfer credits in recognition of studies completed prior to admission to HKUST. The list of courses that have been approved for transfer credits and details on the application procedures are given on the Academic Registry website.

Does SENG offer any enrichment programs?
SENG offers students 360° learning experiences like exchange programs, internships, and research opportunities. Details can be found on the SENG website under the "Academics" and "Undergraduate Study".

How can I find where the classrooms are?
Classrooms in the academic building are numbered according to the nearest lifts. Path Advisor is an online map for students to search for the nearest lifts and the building floor plan. Lift Advisor App is also available.

I forgot my ITSC password, what can I do?
You can go to myaccount.ust.hk/passwd/forget?execution=e1s1 and follow the instructions to reset your ITSC password.

I forgot my ITSC network account name, what can I do?
You can ask a student/staff to login to their HKUST Intranet, then use your full name in the search toolbar under "people" at the bottom right corner to look up your ITSC account name.


Lo Ka Chung University Center
Towers C & D
UniBistro & Bar
Tin Ka Ping Hall
Tower B
Tower A
China Garden (Chinese Restaurant)
Lee Shau Kee Library
The Hong Kong Jockey Club Atrium
Chia-Wei Woo Academic Concourse
The Hong Kong Jockey Club Enterprise Center
Cheng Yu Tung Building
Tsang Shiu Tim Art Hall
Indoor Sports Complex
S H Ho Sports Hall
Entrance Piazza
Seal of Love Charitable Foundation Wing
To Car Park
Lo Kwee-Seong Building
North Entrance
To Bus and Minibus Stops
A Citi Lecture Theater A
B Lam Woo Lecture Theater B
C Padma & Hari Harilela Lecture Theater C
D Lee Wing Tat Lecture Theater D
E Cheung On Tak Lecture Theater E
F Leung Yat Sing Lecture Theater F
G Chow Tak Sin Lecture Theater G
H Chen Kuan Cheng Forum
J Chiang Chen Lecture Theater J
K Mr and Mrs Lee Siu Lun Lecture Theater K
L CMA Lecture Theater L
HKUST Jockey Club Institute for Advanced Study/ Lo Ka Chung Building
Li Dak Sum Yip Yio Chin Kenneth Li Conference Lodge
UniQue (Western Food Restaurant)
Jockey Club i-Village
Kaisa Group Lecture Theater
Jockey Club Global Graduate Tower
Lee Shau Kee Campus
Karen Lee Student Mentoring Center
Wong Chak Chui Lecture Theater
Lee Shau Kee Business Building
Cheng Yu Tung Building
Shaw Auditorium
South Entrance
To Bus and Minibus Stops
Car Park
Bank
Bookstore
Buildings Under Construction or Planning
Existing Buildings
Food Outlet
Lifts in Academic Building
Lifts in Lee Shau Kee Campus
Mr and Mrs Ho Ting Sik Visitor Information Center
Restaurant
Security Center
Souvenir Center
Tang Shiu Kin Computational Laboratory

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